Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025

Degree Programmes:

- Single Degree (Single Major) Programmes
- Single Degree with Second Major Programmes
- Single Degree (Double Major) Programmes
- Single Degree (CN Yang) Programmes
- Double Degree Programmes
- Integrated Programme
- University Scholars Programme (USP)

### Single Degree (Single Major) Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountancy (Group A)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>24</td>
<td>8</td>
<td>8</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>23</td>
<td>9</td>
<td>5</td>
<td>37</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>19</td>
<td>8</td>
<td>3</td>
<td>15</td>
<td>13</td>
</tr>
<tr>
<td>Total</td>
<td>66</td>
<td>N/A</td>
<td>17</td>
<td>13</td>
<td>15</td>
</tr>
<tr>
<td>Accountancy (Group B)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>24</td>
<td>8</td>
<td>8</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>19</td>
<td>9</td>
<td>5</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>23</td>
<td>8</td>
<td>3</td>
<td>12</td>
<td>15</td>
</tr>
<tr>
<td>Total</td>
<td>66</td>
<td>N/A</td>
<td>17</td>
<td>13</td>
<td>15</td>
</tr>
<tr>
<td>Accountancy (Sustainability Management and Analytics) (ASA) Work-Study in Y3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>18</td>
<td>8</td>
<td>8</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>22</td>
<td>9</td>
<td>5</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>33</td>
<td>9</td>
<td>3</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>19</td>
<td>13</td>
<td></td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>92</td>
<td>13</td>
<td>17</td>
<td>13</td>
<td>0</td>
</tr>
<tr>
<td>Accountancy (Sustainability Management and Analytics) (ASA) Work-Study in Y4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>18</td>
<td>8</td>
<td>8</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>22</td>
<td>9</td>
<td>5</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>29</td>
<td>5</td>
<td></td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>23</td>
<td>8</td>
<td></td>
<td>31</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>92</td>
<td>13</td>
<td>17</td>
<td>13</td>
<td>0</td>
</tr>
<tr>
<td>Applied Computing in Finance</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>22</td>
<td>9</td>
<td>3</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>25</td>
<td>8</td>
<td>5</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>17</td>
<td>0</td>
<td>10</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td>15</td>
<td></td>
<td>13</td>
<td>18</td>
</tr>
<tr>
<td>Total</td>
<td>72</td>
<td>15</td>
<td>17</td>
<td>18</td>
<td>13</td>
</tr>
<tr>
<td>Aerospace Engineering (PI@)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>24/25</td>
<td>9</td>
<td></td>
<td>33/34</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>29</td>
<td>8</td>
<td>3</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>12</td>
<td>10</td>
<td>9</td>
<td>31</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>20</td>
<td>2</td>
<td>9</td>
<td>31</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>85/86</td>
<td>0</td>
<td>17</td>
<td>15</td>
<td>18</td>
</tr>
<tr>
<td>Art, Design &amp; Media (Design Art)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>27</td>
<td>9</td>
<td>3</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>18</td>
<td>8</td>
<td>3</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>18</td>
<td>5</td>
<td>15</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>12</td>
<td>6</td>
<td></td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>39</td>
<td>36</td>
<td>17</td>
<td>11</td>
<td>27</td>
</tr>
<tr>
<td>Art, Design &amp; Media (Media Art)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>27</td>
<td>9</td>
<td>3</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>18</td>
<td>8</td>
<td>3</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>18</td>
<td>5</td>
<td>15</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>12</td>
<td>6</td>
<td></td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>39</td>
<td>36</td>
<td>17</td>
<td>11</td>
<td>27</td>
</tr>
<tr>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Actuarial Science</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>22</td>
<td>8</td>
<td>8</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>22</td>
<td>9</td>
<td>5</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>22</td>
<td>15</td>
<td></td>
<td>37</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>66</td>
<td>0</td>
<td>17</td>
<td>13</td>
<td>15</td>
</tr>
</tbody>
</table>

*PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
*For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).
^The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
[1] All of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
## Summary of Academic Unit Requirements for Degree Programme at NTU
### For Year 1 Students Admitted in 2024-2025

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Banking &amp; Finance</strong></td>
<td>1</td>
<td>22</td>
<td>8</td>
<td>8</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>13</td>
<td>9</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>9</td>
<td>0</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>38</td>
<td>18</td>
<td>17</td>
<td>13</td>
</tr>
<tr>
<td><strong>International Trading</strong></td>
<td>1</td>
<td>22</td>
<td>8</td>
<td>8</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>14</td>
<td>9</td>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>14</td>
<td>15</td>
<td>15</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>50</td>
<td>17</td>
<td>13</td>
<td>18</td>
</tr>
<tr>
<td><strong>Business Analytics</strong></td>
<td>1</td>
<td>22</td>
<td>8</td>
<td>8</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
<td>3</td>
<td>9</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>6</td>
<td>0</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>46</td>
<td>9</td>
<td>17</td>
<td>13</td>
</tr>
<tr>
<td><strong>Human Resource Consulting</strong></td>
<td>1</td>
<td>22</td>
<td>8</td>
<td>8</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>9</td>
<td>12</td>
<td>9</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>9</td>
<td>0</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>34</td>
<td>21</td>
<td>17</td>
<td>13</td>
</tr>
<tr>
<td><strong>Marketing</strong></td>
<td>1</td>
<td>22</td>
<td>8</td>
<td>8</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
<td>9</td>
<td>5</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>9</td>
<td>0</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>46</td>
<td>9</td>
<td>17</td>
<td>13</td>
</tr>
<tr>
<td><strong>Risk Analytics</strong></td>
<td>1</td>
<td>22</td>
<td>8</td>
<td>8</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
<td>9</td>
<td>5</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td>3</td>
<td>0</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>52</td>
<td>3</td>
<td>17</td>
<td>13</td>
</tr>
</tbody>
</table>

### Bioengineering (PI) (Accelerated)

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bioengineering (PI) (Accelerated)</strong></td>
<td>1</td>
<td>21/22</td>
<td>9</td>
<td>9</td>
<td>39/40+</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td>8</td>
<td>3</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>12</td>
<td>6</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>6</td>
<td>0</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>77/78</td>
<td>6</td>
<td>17</td>
<td>15</td>
</tr>
</tbody>
</table>

### Bioengineering (PI) (Accelerated) (Accelerated)

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Biological Sciences</strong></td>
<td>1</td>
<td>27</td>
<td>7</td>
<td>7</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>6</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>12</td>
<td>4</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>21</td>
<td>3</td>
<td>0</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>39</td>
<td>33</td>
<td>17</td>
<td>15</td>
</tr>
<tr>
<td><strong>Biological Sciences (Accelerated)</strong></td>
<td>1</td>
<td>27</td>
<td>7</td>
<td>7</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>6</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>10</td>
<td>9</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>39</td>
<td>33</td>
<td>17</td>
<td>15</td>
</tr>
<tr>
<td><strong>Chinese Medicine</strong></td>
<td>1</td>
<td>25</td>
<td>7</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td>11</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>41</td>
<td>3</td>
<td>0</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>22</td>
<td>9</td>
<td>0</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>112</td>
<td>0</td>
<td>17</td>
<td>15</td>
</tr>
<tr>
<td><strong>Chemical &amp; Biomolecular Engineering (PI)</strong></td>
<td>1</td>
<td>24/25</td>
<td>9</td>
<td>6</td>
<td>39/40</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>28</td>
<td>8</td>
<td>3</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>17</td>
<td>8</td>
<td>12</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>6</td>
<td>6</td>
<td>15</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>77/78</td>
<td>6</td>
<td>17</td>
<td>15</td>
</tr>
</tbody>
</table>

### Description

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfill two requirements concurrently. Refer to website for more details.
- **[ ]** AU of courses that could be used to fulfill Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
## Summary of Academic Unit Requirements for Degree Programme at NTU
### For Year 1 Students Admitted in 2024-2025

### Single Degree (Single Major) Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical &amp; Biomolecular Engineering (PI[^])</td>
<td>1</td>
<td>24/25+</td>
<td>9</td>
<td>6</td>
<td>39/40+</td>
</tr>
<tr>
<td>(Accelerated)</td>
<td>2</td>
<td>28</td>
<td>8</td>
<td>3</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>25</td>
<td>3</td>
<td>7</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>11</td>
<td>14</td>
</tr>
<tr>
<td>Total</td>
<td>77/78+</td>
<td>6</td>
<td>17</td>
<td>10</td>
<td>26</td>
</tr>
<tr>
<td>Chemistry &amp; Biological Chemistry</td>
<td>1</td>
<td>17/18+</td>
<td>9</td>
<td>3</td>
<td>29/30+</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
<td>8</td>
<td>3</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>7</td>
<td>9</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>2</td>
<td>17</td>
<td>37</td>
</tr>
<tr>
<td>Total</td>
<td>56/57+</td>
<td>12</td>
<td>17</td>
<td>15</td>
<td>32</td>
</tr>
<tr>
<td>Chemistry &amp; Biological Chemistry (Co-operative Education)</td>
<td>1</td>
<td>17/18+</td>
<td>9</td>
<td>3</td>
<td>29/30+</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
<td>8</td>
<td>3</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>7</td>
<td>9</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>2</td>
<td>17</td>
<td>37</td>
</tr>
<tr>
<td>Total</td>
<td>56/57+</td>
<td>22</td>
<td>17</td>
<td>10</td>
<td>27</td>
</tr>
<tr>
<td>Chinese</td>
<td>1</td>
<td>15</td>
<td>3</td>
<td>9</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>9</td>
<td>9</td>
<td>8</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>17</td>
<td>8</td>
<td>18</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>16</td>
<td>5</td>
<td>5</td>
<td>26</td>
</tr>
<tr>
<td>Total</td>
<td>24</td>
<td>45</td>
<td>17</td>
<td>10</td>
<td>32</td>
</tr>
<tr>
<td>Civil Engineering (PI[^])</td>
<td>1</td>
<td>26/29</td>
<td>9</td>
<td>3</td>
<td>37/38</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td>3</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>11</td>
<td>12</td>
<td>6</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>3</td>
<td>15</td>
<td>35</td>
</tr>
<tr>
<td>Total</td>
<td>80/81[^]</td>
<td>3</td>
<td>17</td>
<td>15</td>
<td>21</td>
</tr>
<tr>
<td>Communication Studies</td>
<td>1</td>
<td>12</td>
<td>3</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>14</td>
<td>5</td>
<td>13</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>11</td>
<td>8</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>12</td>
<td>11</td>
<td>31</td>
</tr>
<tr>
<td>Total</td>
<td>20</td>
<td>41</td>
<td>17</td>
<td>17</td>
<td>32</td>
</tr>
<tr>
<td>Computer Engineering (PI[^])</td>
<td>1</td>
<td>25</td>
<td>9</td>
<td>3</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>27</td>
<td>8</td>
<td>3</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>12</td>
<td>6</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>12</td>
<td>12</td>
<td>32</td>
</tr>
<tr>
<td>Total</td>
<td>70</td>
<td>12</td>
<td>17</td>
<td>15</td>
<td>21</td>
</tr>
<tr>
<td>Computer Science (PI[^])</td>
<td>1</td>
<td>25</td>
<td>9</td>
<td>3</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
<td>8</td>
<td>6</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>4</td>
<td>9</td>
<td>12</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>12</td>
<td>12</td>
<td>32</td>
</tr>
<tr>
<td>Total</td>
<td>58</td>
<td>24</td>
<td>17</td>
<td>15</td>
<td>21</td>
</tr>
<tr>
<td>Computing (Part Time)</td>
<td>1</td>
<td>24</td>
<td>12</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>12</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3+5 (OJT)</td>
<td>21</td>
<td>3</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>6+20 (OJT)</td>
<td>6</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>45+25 (OJT)</td>
<td>33</td>
<td>9</td>
<td>112</td>
<td></td>
</tr>
</tbody>
</table>

### Description

[^] PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.

[^] For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).

[^] The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfill two requirements concurrently. Refer to website for more details.

[^] AU of courses that could be used to fulfill Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
## Summary of Academic Unit Requirements for Degree Programme at NTU
### For Year 1 Students Admitted in 2024-2025

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Science and Artificial Intelligence</td>
<td>1</td>
<td>19</td>
<td>9</td>
<td>3</td>
<td>3</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>27</td>
<td>8</td>
<td>3</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>15</td>
<td>5</td>
<td>3</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>12</td>
<td>2</td>
<td>12</td>
<td>34</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>60</td>
<td>18</td>
<td>17</td>
<td>15</td>
<td>21</td>
</tr>
<tr>
<td>Economics</td>
<td>1</td>
<td>15</td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>8</td>
<td>3</td>
<td>3</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>15</td>
<td>5</td>
<td>15</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>6</td>
<td>2</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>27</td>
<td>41</td>
<td>17</td>
<td>15</td>
<td>40</td>
</tr>
<tr>
<td>Economics and Data Sciences</td>
<td>1</td>
<td>25</td>
<td>9</td>
<td>3</td>
<td>37</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>25</td>
<td>3</td>
<td>8</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>7</td>
<td>26</td>
<td>5</td>
<td>3</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>16</td>
<td>3</td>
<td>3</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>57</td>
<td>45</td>
<td>17</td>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td>Electrical and Electronic Engineering (P)</td>
<td>1</td>
<td>19/20</td>
<td>9</td>
<td>3</td>
<td>3</td>
<td>34/35</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>29</td>
<td>8</td>
<td>3</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>12</td>
<td>6</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>15</td>
<td>9</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>62/63</td>
<td>21</td>
<td>17</td>
<td>10</td>
<td>21</td>
</tr>
<tr>
<td>Artificial Intelligence (AI) &amp; Society</td>
<td>1</td>
<td>18</td>
<td>0</td>
<td>9</td>
<td>3</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>18</td>
<td>0</td>
<td>8</td>
<td>2</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>6</td>
<td>0</td>
<td>10</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>18</td>
<td>0</td>
<td>6</td>
<td>35</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>57</td>
<td>24</td>
<td>17</td>
<td>15</td>
<td>18</td>
</tr>
<tr>
<td>Electrical and Electronic Engineering (Part-Time)</td>
<td>1</td>
<td>22</td>
<td>5</td>
<td>3</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>4</td>
<td>3</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>9</td>
<td>2</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>4</td>
<td>12</td>
<td>16</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>56</td>
<td>21</td>
<td>15</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>English</td>
<td>1</td>
<td>15</td>
<td>0</td>
<td>9</td>
<td>3</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>15</td>
<td>8</td>
<td>2</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>16</td>
<td>2</td>
<td>33</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>20</td>
<td>5</td>
<td>25</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>51</td>
<td>17</td>
<td>10</td>
<td>29</td>
<td>125</td>
</tr>
<tr>
<td>Environmental Earth Systems Science (Ecology)</td>
<td>1</td>
<td>25</td>
<td>4</td>
<td>9</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>3</td>
<td>8</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>11</td>
<td>10</td>
<td>5</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>7</td>
<td>4</td>
<td>14</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>66</td>
<td>21</td>
<td>17</td>
<td>10</td>
<td>21</td>
</tr>
<tr>
<td>Environmental Earth Systems Science (Geosciences)</td>
<td>1</td>
<td>18</td>
<td>11</td>
<td>9</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>8</td>
<td>8</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>5</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>5</td>
<td>7</td>
<td>12</td>
<td>29</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>55</td>
<td>29</td>
<td>17</td>
<td>10</td>
<td>24</td>
</tr>
<tr>
<td>Environmental Earth Systems Science (Society and the Earth System)</td>
<td>1</td>
<td>21</td>
<td>10</td>
<td>9</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td>6</td>
<td>8</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>7</td>
<td>5</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>14</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>59</td>
<td>27</td>
<td>17</td>
<td>10</td>
<td>22</td>
</tr>
</tbody>
</table>

### Descriptions
- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
## Summary of Academic Unit Requirements for Degree Programme at NTU
### For Year 1 Students Admitted in 2024-2025

### Single Degree (Single Major) Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Environmental Engineering (PI)</strong></td>
<td>1</td>
<td>26/27</td>
<td>26/27</td>
<td>3</td>
<td>3</td>
<td>32/33</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>23</td>
<td>8</td>
<td>3</td>
<td>34/35</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>12</td>
<td>8</td>
<td>2</td>
<td>30/31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>19</td>
<td>19</td>
<td>9</td>
<td>2</td>
<td>31/32</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>80/81</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>39/40</strong></td>
<td><strong>139/140</strong></td>
</tr>
<tr>
<td><strong>History</strong></td>
<td>1</td>
<td>6</td>
<td>6</td>
<td>9</td>
<td>3</td>
<td>33/34</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>15</td>
<td>2</td>
<td>34/35</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>13</td>
<td>2</td>
<td>33/34</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>20</td>
<td>20</td>
<td>9</td>
<td>5</td>
<td>25/26</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>33</strong></td>
<td><strong>125/126</strong></td>
</tr>
<tr>
<td><strong>Information Engineering &amp; Media (Pr)</strong></td>
<td>1</td>
<td>26/27</td>
<td>26/27</td>
<td>9</td>
<td>3</td>
<td>38/39</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>23</td>
<td>8</td>
<td>3</td>
<td>36/37</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>9</td>
<td>12</td>
<td>27/28</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>11</td>
<td>15</td>
<td>6</td>
<td>32/33</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>63/64</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>33</strong></td>
<td><strong>137/138</strong></td>
</tr>
<tr>
<td><strong>Linguistics &amp; Multilingual Studies</strong></td>
<td>1</td>
<td>15</td>
<td>15</td>
<td>3</td>
<td>9</td>
<td>33/34</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>6</td>
<td>6</td>
<td>12</td>
<td>2</td>
<td>34/35</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>17</td>
<td>17</td>
<td></td>
<td>18</td>
<td>35/36</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>16</td>
<td>16</td>
<td></td>
<td>5</td>
<td>26/27</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>21</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>32</strong></td>
<td><strong>128/129</strong></td>
</tr>
<tr>
<td><strong>Maritime Studies (PI)</strong></td>
<td>1</td>
<td>28</td>
<td>28</td>
<td></td>
<td>9</td>
<td>30/31</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>23</td>
<td></td>
<td>8</td>
<td>31/32</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>12</td>
<td></td>
<td>3</td>
<td>15/16</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td>14</td>
<td></td>
<td>3</td>
<td>15/16</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>77</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>21</strong></td>
<td><strong>136/137</strong></td>
</tr>
<tr>
<td><strong>Materials Engineering (Pr)</strong></td>
<td>1</td>
<td>25/26</td>
<td>25/26</td>
<td>9</td>
<td>3</td>
<td>37/38</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>20</td>
<td>8</td>
<td>3</td>
<td>36/37</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>15</td>
<td>15</td>
<td>12</td>
<td>3</td>
<td>30/31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>15</td>
<td>11</td>
<td>3</td>
<td>29/30</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>75/76</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>21</strong></td>
<td><strong>136/137</strong></td>
</tr>
<tr>
<td><strong>Mathematical Sciences</strong></td>
<td>1</td>
<td>29</td>
<td>29</td>
<td></td>
<td>9</td>
<td>38/39</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>20</td>
<td></td>
<td>8</td>
<td>30/31</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>18</td>
<td>7</td>
<td>35/36</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>13</td>
<td>13</td>
<td></td>
<td>3</td>
<td>16/17</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>53</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>18</strong></td>
<td><strong>129/130</strong></td>
</tr>
<tr>
<td><strong>Mathematical Sciences – (WSDeg)</strong></td>
<td>1</td>
<td>29</td>
<td>29</td>
<td></td>
<td>9</td>
<td>38/39</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>20</td>
<td></td>
<td>8</td>
<td>30/31</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>11</td>
<td>2</td>
<td>32/33</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>15</td>
<td></td>
<td>3</td>
<td>18/19</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>53</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>18</strong></td>
<td><strong>129/130</strong></td>
</tr>
<tr>
<td><strong>Mechanical Engineering (Pr)</strong></td>
<td>1</td>
<td>24/25</td>
<td>24/25</td>
<td>9</td>
<td>3</td>
<td>33/34</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>27</td>
<td>27</td>
<td>8</td>
<td>3</td>
<td>38/39</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>16</td>
<td>16</td>
<td>10</td>
<td>6</td>
<td>32/33</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>12</td>
<td>6</td>
<td>2</td>
<td>32/33</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>79/80</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>23</strong></td>
<td><strong>129/130</strong></td>
</tr>
<tr>
<td><strong>Mechanical Engineering (Part-Time)</strong></td>
<td>1</td>
<td>20</td>
<td>20</td>
<td></td>
<td>9</td>
<td>29/30</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
<td>21</td>
<td></td>
<td>4</td>
<td>25/26</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>20</td>
<td>20</td>
<td></td>
<td>2</td>
<td>27/28</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>11</td>
<td>6</td>
<td>6</td>
<td>23/24</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>72</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>5</strong></td>
<td><strong>98</strong></td>
</tr>
</tbody>
</table>

**Description**
- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfill two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Number of Academic Units (AUs)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Core</td>
<td>Interdisciplinary Collaborative Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td>Philosophy</td>
<td>1</td>
<td>13</td>
<td>9</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>9</td>
<td>9</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>20</td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td>22</td>
<td>13</td>
<td>17</td>
<td>10</td>
</tr>
<tr>
<td>Philosophy, Politics and Economics</td>
<td>1</td>
<td>30</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>15</td>
<td>3</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>0</td>
<td>15</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>57</td>
<td>34</td>
<td>17</td>
<td>10</td>
</tr>
<tr>
<td>Physics &amp; Applied Physics – Pure Physics</td>
<td>1</td>
<td>24</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>61</td>
<td>13</td>
<td>17</td>
<td>10</td>
</tr>
<tr>
<td>Physics &amp; Applied Physics – Pure Physics (WSDeg)</td>
<td>1</td>
<td>24</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>2</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>61</td>
<td>13</td>
<td>17</td>
<td>10</td>
</tr>
<tr>
<td>Physics &amp; Applied Physics – Applied Physics</td>
<td>1</td>
<td>24</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>60</td>
<td>13</td>
<td>17</td>
<td>10</td>
</tr>
<tr>
<td>Physics &amp; Applied Physics – Applied Physics (WSDeg)</td>
<td>1</td>
<td>24</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>2</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>60</td>
<td>13</td>
<td>17</td>
<td>10</td>
</tr>
<tr>
<td>Psychology</td>
<td>1</td>
<td>15</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>16</td>
<td>5</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>20</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Total</td>
<td>27</td>
<td>42</td>
<td>17</td>
<td>10</td>
</tr>
<tr>
<td>Public Policy and Global Affairs</td>
<td>1</td>
<td>15</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
<td>45</td>
<td>17</td>
<td>10</td>
</tr>
<tr>
<td>Sociology</td>
<td>1</td>
<td>6</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>6</td>
<td>9</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>7</td>
<td>16</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>16</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Total</td>
<td>19</td>
<td>50</td>
<td>17</td>
<td>10</td>
</tr>
</tbody>
</table>

**Description**

- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfill two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfill Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
### Programme

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Major Requirements</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Core</td>
</tr>
<tr>
<td>Accountancy with Second major in Sustainability (Group B)</td>
<td>1</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>23</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>66</td>
</tr>
<tr>
<td>Accountancy with Second major in Business (Group B)</td>
<td>1</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>23</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>66</td>
</tr>
<tr>
<td>Aerospace Engineering with Second Major in Business (PI)</td>
<td>1</td>
<td>24/25</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>85/86</td>
</tr>
<tr>
<td>Aerospace Engineering with Second Major in Business (PI)</td>
<td>1</td>
<td>24/25</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>85/86</td>
</tr>
<tr>
<td>Aerospace Engineering with Second Major in Data Analytics (PI)</td>
<td>1</td>
<td>24/25</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>85/86</td>
</tr>
<tr>
<td>Aerospace Engineering with Second Major in Sustainability (PI)</td>
<td>1</td>
<td>24/25</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>85/86</td>
</tr>
<tr>
<td>Art, Design &amp; Media (Media Art) with Second Major</td>
<td>1</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td>Art, Design &amp; Media (Media Art) with Second Major</td>
<td>1</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td>Business with Second major in Entrepreneurship (Actuarial Science)</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>22</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>66</td>
</tr>
<tr>
<td>Business with Second major in Entrepreneurship (Banking &amp; Finance)</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>38</td>
</tr>
</tbody>
</table>

**Description**

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- **(PI)** – For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- **^** The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- **[]** AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differ, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Major Requirements</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Core</td>
</tr>
<tr>
<td>Business with Second major in Entrepreneurship</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>46</td>
<td>9</td>
</tr>
<tr>
<td>Business with Second major in Entrepreneurship</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>46</td>
<td>9</td>
</tr>
<tr>
<td>Business with Second major in Entrepreneurship</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>52</td>
<td>3</td>
</tr>
<tr>
<td>Business with Second major in Sustainability</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>22</td>
</tr>
<tr>
<td>Total</td>
<td>66</td>
<td>0</td>
</tr>
<tr>
<td>Business with Second major in Sustainability</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>38</td>
<td>18</td>
</tr>
<tr>
<td>Business with Second major in Sustainability</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>46</td>
<td>9</td>
</tr>
<tr>
<td>Business with Second major in Sustainability</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>34</td>
<td>21</td>
</tr>
<tr>
<td>Business with Second major in Sustainability</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>46</td>
<td>9</td>
</tr>
<tr>
<td>Business with Second major in Sustainability</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>52</td>
<td>3</td>
</tr>
<tr>
<td>Bioengineering with Second Major in Business</td>
<td>1</td>
<td>21/22</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
</tr>
<tr>
<td>Total</td>
<td>77/78</td>
<td>6</td>
</tr>
</tbody>
</table>

Description:
- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- * For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- \( ^\) The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025

Single Degree with Second Major Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Number of Academic Units (AUs)</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioengineering with Second Major in Business (International Trading) (PI@)</td>
<td>1</td>
<td>21/22*</td>
<td>6</td>
<td>36/37</td>
<td>42</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td>3</td>
<td>11</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>12</td>
<td>6</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>6</td>
<td>8</td>
<td>31</td>
</tr>
<tr>
<td>Total</td>
<td>77/78*</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>31</td>
</tr>
<tr>
<td>Bioengineering with Second Major in Data Analytics (PI@)</td>
<td>1</td>
<td>21/22*</td>
<td>9</td>
<td>30/31</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td>12</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>6</td>
<td>16</td>
<td>36</td>
</tr>
<tr>
<td>Total</td>
<td>77/78 [10]</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>31</td>
</tr>
<tr>
<td>Bioengineering with Second Major in Entrepreneurship (PI@)</td>
<td>1</td>
<td>21/22*</td>
<td>9</td>
<td>30/31</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td>8</td>
<td>45</td>
<td>53</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td>12</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>6</td>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td>77/78*</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>22</td>
</tr>
<tr>
<td>Bioengineering with Second Major in Food Science and Technology (PI@)</td>
<td>1</td>
<td>21/22*</td>
<td>9</td>
<td>30/31</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td>8</td>
<td>45</td>
<td>53</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td>12</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>6</td>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td>77/78*</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>24</td>
</tr>
<tr>
<td>Bioengineering with Second Major in Pharmaceutical Engineering (PI@)</td>
<td>1</td>
<td>21/22*</td>
<td>9</td>
<td>30/31</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td>8</td>
<td>45</td>
<td>53</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td>12</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>6</td>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td>77/78*</td>
<td>6 [6]</td>
<td>17</td>
<td>15</td>
<td>24</td>
</tr>
<tr>
<td>Bioengineering with Second Major in Sustainability (PI@)</td>
<td>1</td>
<td>21/22*</td>
<td>9</td>
<td>30/31</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td>8</td>
<td>45</td>
<td>53</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td>12</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>6</td>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td>77/78 [2]</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>28</td>
</tr>
<tr>
<td>Biological Sciences with Second Major in Biomedical Structural Biology (PI@)</td>
<td>1</td>
<td>27</td>
<td>9</td>
<td>2</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>10</td>
<td>13</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>24</td>
<td>6</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>Biological Sciences with Second Major in Data Analytics (PI@)</td>
<td>1</td>
<td>27 [3]</td>
<td>7</td>
<td>4</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>10</td>
<td>10</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td>10</td>
<td>6</td>
<td>25</td>
</tr>
<tr>
<td>Biological Sciences with Second Major in Food Science and Technology</td>
<td>1</td>
<td>27</td>
<td>9</td>
<td>2</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>10</td>
<td>5</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td>10</td>
<td>8</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>21</td>
<td>14</td>
<td>14</td>
<td>35</td>
</tr>
<tr>
<td>Total</td>
<td>39</td>
<td>33</td>
<td>17</td>
<td>15</td>
<td>33</td>
</tr>
<tr>
<td>Biological Sciences with Second Major in Medicinal Chemistry and Pharmacology (PI@)</td>
<td>1</td>
<td>27</td>
<td>9</td>
<td>2</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>10</td>
<td>13</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>27</td>
<td>6</td>
<td>6</td>
<td>33</td>
</tr>
</tbody>
</table>

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
## Summary of Academic Unit Requirements for Degree Programme at NTU

**For Year 1 Students Admitted in 2024-2025**

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Sciences with Second Major in Sustainability()</td>
<td>1</td>
<td>27</td>
<td>0</td>
<td>9</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>6</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>0</td>
<td>9</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>0</td>
<td>18</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>39</strong></td>
<td><strong>33</strong></td>
<td><strong>17</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

| Biological Sciences with Second Major in Entrepreneurship\(\) | 1 | 27 | 0 | 7 | 0 | 0 | 34 |
| | 2 | 12 | 6 | 10 | 5 | 6 | 39 |
| | 3 | 0 | 6 | 0 | 10 | 11 | 27 |
| | 4 | 0 | 21 | 0 | 0 | 10 | 31 |
| **Total** | | **39** | **33** | **17** | **15** | **27** | **131** |

| Chemical & Biomolecular Engineering with Second Major in Business (PI\(\)) | 1 | 24/25\(\)* | 9 | 6 | 39/40\(\)* |
| | 2 | 28 | 8 | 3 | 6 | 45 |
| | 3 | 17 | 12 | 6 | 35 |
| | 4 | 8 | 6 | 8 | 22 |
| **Total** | | **77/78\(\)*** | **6** | **17** | **15** | **30** | **145/146\(\)*** |

| Chemical & Biomolecular Engineering with Second Major in Data Analytics (PI\(\)) | 1 | 24/25\(\)* 4 | 9 | 6 | 33/34\(\)* 4 |
| | 3 | 17 | 12 | 6 | 29 |
| | 4 | 8 | 6 | 22 | 26 |
| **Total** | | **77/78\(\)*** | **10** | **6** | **17** | **22** | **137/138\(\)* 10 |

| Chemical & Biomolecular Engineering with Second Major in Entrepreneurship (PI\(\)) | 1 | 24/25\(\)* | 9 | 6 | 39/40\(\)* |
| | 2 | 28 | 8 | 3 | 6 | 45 |
| | 4 | 8 | 6 | 8 | 22 |
| **Total** | | **77/78\(\)*** | **6** | **17** | **15** | **25** | **140/141\(\)* 5 |

| Chemical & Biomolecular Engineering with Second Major in Food Science and Technology (PI\(\)) | 1 | 24/25\(\)* | 9 | 6 | 33/34\(\)* |
| | 2 | 28 | 8 | 3 | 6 | 47 |
| | 3 | 17 | 12 | 5 | 34 |
| **Total** | | **77/78\(\)*** | **6** | **17** | **15** | **24** | **139/140\(\)* [6] |

| Chemical & Biomolecular Engineering with Second Major in Sustainability (PI\(\)) | 1 | 24/25\(\)* 2 | 9 | 6 | 39/40\(\)* 2 |
| | 2 | 28 | 8 | 3 | 6 | 45 |
| | 3 | 17 | 12 | 2 | 29 |
| | 4 | 8 | 6 | 16 | 30 |
| **Total** | | **77/78\(\)* 2** | **6** | **17** | **15** | **28** | **143/144\(\)* 2** |

| Chemistry & Biological Chemistry with Second Major in Business (International Trading) | 1 | 17/18\(\)* | 6 | 12 | 35/36\(\)* |
| | 2 | 21 | 11 | 8 | 43 |
| | 3 | 18 | 2 | 14 | 34 |
| | 4 | 12 | 10 | 6 | 28 |
| **Total** | | **56/57\(\)*** | **12** | **17** | **15** | **40** | **140/141\(\)* |

---

**Description**

\* PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.

\*\* For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).

\^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.

[ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
## Summary of Academic Unit Requirements for Degree Programme at NTU

For Year 1 Students Admitted in 2024-2025

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry &amp; Biological Chemistry with Second Major in Environmental Science</td>
<td>1 17/18</td>
<td>9</td>
<td>Common Core</td>
<td>6</td>
<td>24/25</td>
<td>139/140</td>
</tr>
<tr>
<td></td>
<td>2 21</td>
<td>8</td>
<td>Foundational Core</td>
<td>3</td>
<td>24/25</td>
<td>139/140</td>
</tr>
<tr>
<td></td>
<td>3 18</td>
<td>3</td>
<td></td>
<td>2</td>
<td>36</td>
<td>139/140</td>
</tr>
<tr>
<td></td>
<td>4 12</td>
<td></td>
<td></td>
<td>10</td>
<td>36</td>
<td>139/140</td>
</tr>
<tr>
<td>Total</td>
<td>56/57</td>
<td>12</td>
<td>17</td>
<td>15</td>
<td>39</td>
<td>139/140</td>
</tr>
<tr>
<td>Chemistry &amp; Biological Chemistry with Second Major in Food Science and Technology^</td>
<td>1 17/18</td>
<td>11</td>
<td></td>
<td>8</td>
<td>38</td>
<td>139/140</td>
</tr>
<tr>
<td></td>
<td>2 21</td>
<td>3</td>
<td></td>
<td>3</td>
<td>8</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>3 18</td>
<td>2</td>
<td></td>
<td>2</td>
<td>19</td>
<td>39</td>
</tr>
<tr>
<td>Total</td>
<td>56/57</td>
<td>[3]</td>
<td>17</td>
<td>15</td>
<td>39</td>
<td>139/140</td>
</tr>
<tr>
<td>Chemistry &amp; Biological Chemistry with Second Major in Data Analytics^</td>
<td>1 17/18 [2]</td>
<td>9</td>
<td></td>
<td>6</td>
<td>32/33 [2]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 18</td>
<td>7</td>
<td></td>
<td>2</td>
<td>19</td>
<td>44</td>
</tr>
<tr>
<td>Chemistry &amp; Biological Chemistry with Second Major in Sustainability</td>
<td>1 17/18</td>
<td>11</td>
<td></td>
<td>9</td>
<td>37/38</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 21</td>
<td>6</td>
<td></td>
<td>3</td>
<td>6</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>3 18</td>
<td>12</td>
<td></td>
<td>2</td>
<td>18</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>4 12</td>
<td></td>
<td></td>
<td>10</td>
<td>6</td>
<td>26</td>
</tr>
<tr>
<td>Civil Engineering with Second Major in Business (PI)^</td>
<td>1 28/29</td>
<td>9</td>
<td></td>
<td>6</td>
<td>43/44</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 24</td>
<td>8</td>
<td></td>
<td>3</td>
<td>6</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>3 11</td>
<td>12</td>
<td></td>
<td>2</td>
<td>18</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>4 17</td>
<td>3</td>
<td></td>
<td>10</td>
<td>5</td>
<td>32</td>
</tr>
<tr>
<td>Total</td>
<td>80/81</td>
<td>3</td>
<td>17</td>
<td>15</td>
<td>30</td>
<td>145/146</td>
</tr>
<tr>
<td>Civil Engineering with Second Major in Business (International Trading) (PI)^</td>
<td>1 28/29</td>
<td>9</td>
<td></td>
<td>6</td>
<td>43/44</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 24</td>
<td>8</td>
<td></td>
<td>3</td>
<td>6</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>3 11</td>
<td>12</td>
<td></td>
<td>2</td>
<td>18</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>4 17</td>
<td>3</td>
<td></td>
<td>10</td>
<td>5</td>
<td>32</td>
</tr>
<tr>
<td>Total</td>
<td>80/81</td>
<td>3</td>
<td>17</td>
<td>15</td>
<td>30</td>
<td>145/146</td>
</tr>
<tr>
<td>Civil Engineering with Second Major in Data Analytics (PI)^</td>
<td>1 28/29 [3]</td>
<td>9</td>
<td></td>
<td>6</td>
<td>37/38 [3]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 11</td>
<td>12</td>
<td></td>
<td>2</td>
<td>18</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>4 17</td>
<td>3</td>
<td></td>
<td>10</td>
<td>5</td>
<td>32</td>
</tr>
<tr>
<td>Total</td>
<td>80/81 [9]</td>
<td>3</td>
<td>17</td>
<td>15</td>
<td>21</td>
<td>136/137 [9]</td>
</tr>
<tr>
<td>Civil Engineering with Second Major in Entrepreneurship (PI)^</td>
<td>1 28/29</td>
<td>9</td>
<td></td>
<td>6</td>
<td>43/44</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 24</td>
<td>8</td>
<td></td>
<td>3</td>
<td>6</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>3 11</td>
<td>7</td>
<td></td>
<td>2</td>
<td>8</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>4 17</td>
<td>3</td>
<td></td>
<td>10</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td>80/81</td>
<td>3</td>
<td>17</td>
<td>10</td>
<td>30</td>
<td>140/141</td>
</tr>
</tbody>
</table>

### Notes and Descriptions

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- ^ For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- ^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
### Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025

#### Single Degree with Second Major Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civil Engineering with Second Major in</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sustainability (PI)</td>
<td>1</td>
<td>28/29*</td>
<td>9</td>
<td>3</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td>3</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>11</td>
<td>12</td>
<td>6</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>3</td>
<td>6</td>
<td>29</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>80/81</strong>*</td>
<td><strong>3</strong></td>
<td><strong>17</strong></td>
<td><strong>15</strong></td>
<td><strong>144</strong></td>
</tr>
<tr>
<td>Communication Studies with Second</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major in Governance and International</td>
<td>1</td>
<td>12</td>
<td>12</td>
<td>3</td>
<td>39</td>
</tr>
<tr>
<td>Relations</td>
<td>2</td>
<td>15</td>
<td>5</td>
<td>3</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>14</td>
<td>11</td>
<td>6</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>12</td>
<td>5</td>
<td>25</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>20</strong></td>
<td><strong>41</strong></td>
<td><strong>17</strong></td>
<td><strong>17</strong></td>
<td><strong>127</strong></td>
</tr>
<tr>
<td>Communication Studies with Second Major in</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business (Offered by CoHass)</td>
<td>1</td>
<td>12</td>
<td>3</td>
<td>12</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>17</td>
<td>5</td>
<td>13</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>11</td>
<td>11</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>9</td>
<td>9</td>
<td>17</td>
<td>34</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>20</strong></td>
<td><strong>41</strong></td>
<td><strong>17</strong></td>
<td><strong>17</strong></td>
<td><strong>136</strong></td>
</tr>
<tr>
<td>Computer Engineering with Second Major in</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business (PI)</td>
<td>1</td>
<td>19</td>
<td>9</td>
<td>6</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td>6</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>12</td>
<td>6</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td>12</td>
<td>6</td>
<td>35</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>70</strong></td>
<td><strong>12</strong></td>
<td><strong>17</strong></td>
<td><strong>15</strong></td>
<td><strong>144</strong></td>
</tr>
<tr>
<td>Computer Engineering with Second Major in</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business (International Trading) (PI)</td>
<td>1</td>
<td>19</td>
<td>9</td>
<td>6</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
<td>8</td>
<td>9</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>12</td>
<td>7</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>20</td>
<td>12</td>
<td>9</td>
<td>41</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>70</strong></td>
<td><strong>12</strong></td>
<td><strong>17</strong></td>
<td><strong>15</strong></td>
<td><strong>145</strong></td>
</tr>
<tr>
<td>Computer Engineering with Second Major in</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Analytics (PI)</td>
<td>1</td>
<td>25</td>
<td>9</td>
<td>3</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>27</td>
<td>8</td>
<td>3</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>12</td>
<td>6</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>12</td>
<td>12</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>70</strong></td>
<td><strong>12</strong></td>
<td><strong>17</strong></td>
<td><strong>15</strong></td>
<td><strong>135</strong></td>
</tr>
<tr>
<td>Computer Engineering with Second Major in</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entrepreneurship (PI)</td>
<td>1</td>
<td>19</td>
<td>9</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
<td>8</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>12</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>20</td>
<td>12</td>
<td>10</td>
<td>42</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>70</strong></td>
<td><strong>12</strong></td>
<td><strong>17</strong></td>
<td><strong>15</strong></td>
<td><strong>139</strong></td>
</tr>
<tr>
<td>Computer Engineering with Second Major in</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td>3</td>
<td>37[2]</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>12</td>
<td>4</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td>12</td>
<td>4</td>
<td>29</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>70[2]</strong></td>
<td><strong>12</strong></td>
<td><strong>17</strong></td>
<td><strong>15</strong></td>
<td><strong>142[2]</strong></td>
</tr>
<tr>
<td>Computer Science with Second Major in Business (PI)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>19</td>
<td>9</td>
<td>3</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td>3</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>7</td>
<td>12</td>
<td>6</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>18</td>
<td>12</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>58</strong></td>
<td><strong>24</strong></td>
<td><strong>17</strong></td>
<td><strong>15</strong></td>
<td><strong>144</strong></td>
</tr>
</tbody>
</table>

**Description:**
- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- *For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).*
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
### Summary of Academic Unit Requirements for Degree Programme at NTU

**For Year 1 Students Admitted in 2024-2025**

#### Single Degree with Second Major Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td>Computer Science with Second Major in Business (International Trading) (PI)</td>
<td>1</td>
<td>19</td>
<td>9</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
<td>8</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>12</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>24</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Computer Science with Second Major in Entrepreneurship (PI)</td>
<td>1</td>
<td>19</td>
<td>9</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>7</td>
<td>6</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>18</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>7</td>
<td>6</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>18</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Economics with Second Major in Business</td>
<td>1</td>
<td>15</td>
<td>3</td>
<td>9</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>3</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>17</td>
<td></td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>18</td>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>Electrical and Electronic Engineering with Second Major in Business (PI)</td>
<td>1</td>
<td>19/20*</td>
<td>9</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>29</td>
<td>8</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>18</td>
<td>15</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Electrical and Electronic Engineering with Second Major in Data Analytics (PI)</td>
<td>1</td>
<td>19/20°[6]</td>
<td>9</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td>6</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td>Electrical and Electronic Engineering with Second Major in Entrepreneurship (PI)</td>
<td>1</td>
<td>19/20*</td>
<td>9</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td>8</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td>6</td>
<td>10</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>15</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>Electrical and Electronic Engineering with Second Major in Society &amp; Urban Systems (PI)</td>
<td>1</td>
<td>19/20*</td>
<td>9</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td>8</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td>6</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>15</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Data Analytics (Ecology)</td>
<td>1</td>
<td>25</td>
<td>4</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>7</td>
<td>4</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

### Description

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- *For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).*
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- **[ ]** AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
## Summary of Academic Unit Requirements for Degree Programme at NTU
### For Year 1 Students Admitted in 2024-2025

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Data Analytics (Geosciences)</td>
<td>1</td>
<td>18</td>
<td>11</td>
<td>9</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Data Analytics (Geosciences)</td>
<td>4</td>
<td>5</td>
<td>7</td>
<td>5</td>
<td>12</td>
<td>29</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Data Analytics (Society and the Earth System)</td>
<td>1</td>
<td>21</td>
<td>10</td>
<td>9</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Data Analytics (Society and the Earth System)</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td></td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Total</td>
<td>59 [8]</td>
<td>27</td>
<td>17</td>
<td>10</td>
<td>26</td>
<td>139 [8]</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Entrepreneurship (Ecology)</td>
<td>1</td>
<td>25</td>
<td>4</td>
<td>9</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Entrepreneurship (Ecology)</td>
<td>2</td>
<td>23</td>
<td>3</td>
<td>8</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Entrepreneurship (Ecology)</td>
<td>3</td>
<td>11</td>
<td>10</td>
<td>5</td>
<td>16</td>
<td>42</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Entrepreneurship (Ecology)</td>
<td>4</td>
<td>7</td>
<td>4</td>
<td>10</td>
<td>9</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td>66</td>
<td>21</td>
<td>17</td>
<td>15</td>
<td>25</td>
<td>144</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Entrepreneurship (Geosciences)</td>
<td>1</td>
<td>18</td>
<td>11</td>
<td>9</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Entrepreneurship (Geosciences)</td>
<td>2</td>
<td>20</td>
<td>8</td>
<td>8</td>
<td>3</td>
<td>39</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Entrepreneurship (Geosciences)</td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>5</td>
<td>16</td>
<td>36</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Entrepreneurship (Geosciences)</td>
<td>4</td>
<td>5</td>
<td>7</td>
<td>10</td>
<td>9</td>
<td>31</td>
</tr>
<tr>
<td>Total</td>
<td>55</td>
<td>29</td>
<td>17</td>
<td>15</td>
<td>28</td>
<td>144</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Entrepreneurship (Society and the Earth System)</td>
<td>1</td>
<td>21</td>
<td>10</td>
<td>9</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Entrepreneurship (Society and the Earth System)</td>
<td>2</td>
<td>26</td>
<td>6</td>
<td>8</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Entrepreneurship (Society and the Earth System)</td>
<td>3</td>
<td>12</td>
<td>7</td>
<td>5</td>
<td>16</td>
<td>40</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Entrepreneurship (Society and the Earth System)</td>
<td>4</td>
<td>4</td>
<td>10</td>
<td>10</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>59</td>
<td>27</td>
<td>17</td>
<td>15</td>
<td>26</td>
<td>144</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Sustainability (Ecology)</td>
<td>3</td>
<td>11</td>
<td>10</td>
<td>5</td>
<td>12</td>
<td>38</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Sustainability (Geosciences)</td>
<td>2</td>
<td>20</td>
<td>8</td>
<td>8</td>
<td>3</td>
<td>39</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Sustainability (Geosciences)</td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>5</td>
<td>16</td>
<td>36</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Sustainability (Geosciences)</td>
<td>4</td>
<td>5</td>
<td>7</td>
<td>5</td>
<td>8</td>
<td>25</td>
</tr>
<tr>
<td>Environmental Earth Systems Science with Second Major in Sustainability (Society and the Earth System)</td>
<td>4</td>
<td>4</td>
<td>10</td>
<td>5</td>
<td>16</td>
<td>25</td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Business (PI)</td>
<td>1</td>
<td>26/27*</td>
<td>9</td>
<td></td>
<td>6</td>
<td>41/42*</td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Business (PI)</td>
<td>2</td>
<td>23</td>
<td>8</td>
<td>6</td>
<td>37</td>
<td></td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Business (PI)</td>
<td>3</td>
<td>12</td>
<td>15</td>
<td>6</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Business (PI)</td>
<td>4</td>
<td>19</td>
<td>3</td>
<td>12</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>80/81*</td>
<td>3</td>
<td>17</td>
<td>15</td>
<td>30</td>
<td>145/146*</td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Business (International Trading) (PI)</td>
<td>1</td>
<td>26/27*</td>
<td>9</td>
<td></td>
<td>6</td>
<td>41/42*</td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Business (International Trading) (PI)</td>
<td>2</td>
<td>20</td>
<td>8</td>
<td>3</td>
<td>9</td>
<td>40</td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Business (International Trading) (PI)</td>
<td>3</td>
<td>15</td>
<td>12</td>
<td>7</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Business (International Trading) (PI)</td>
<td>4</td>
<td>19</td>
<td>3</td>
<td>9</td>
<td>31</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>80/81*</td>
<td>3</td>
<td>17</td>
<td>15</td>
<td>31</td>
<td>146/147*</td>
</tr>
</tbody>
</table>

**Note:** This summary is subject to changes without notice. As each student's programme requirements differs, students should approach their School's Programme Advisors to understand the requirements where necessary.

**Description:**
- \* PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School's website for AU requirement of other attachment option.
- \* For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).
- \* The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

- Environmental Earth Systems Science with Second Major in Sustainability (Ecology): \* The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.

- Environmental Earth Systems Science with Second Major in Sustainability (Geosciences): \* The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.

- Environmental Earth Systems Science with Second Major in Sustainability (Society and the Earth System): \* The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.

- Environmental Engineering with Second Major in Business (PI): \* The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.

- Environmental Engineering with Second Major in Business (International Trading) (PI): \* The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.

**Last updated on 10 July 2024**
## Single Degree with Second Major Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Engineering with Second Major in Data Analytics (PI)</td>
<td>1</td>
<td>26/27* [3]</td>
<td>9</td>
<td>8</td>
<td>3</td>
<td>35/36* [3]</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td></td>
<td>12</td>
<td>6</td>
<td>30 [3]</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>19</td>
<td></td>
<td></td>
<td>12</td>
<td>34</td>
</tr>
<tr>
<td>Total</td>
<td>80/81* [6]</td>
<td>3</td>
<td>17</td>
<td>15</td>
<td>24</td>
<td>139/140* [6]</td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Entrepreneurship (PI)</td>
<td>1</td>
<td>26/27*</td>
<td>9</td>
<td>6</td>
<td>6</td>
<td>41/42*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td></td>
<td>6</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td></td>
<td>10</td>
<td>8</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>19</td>
<td></td>
<td></td>
<td>10</td>
<td>32</td>
</tr>
<tr>
<td>Total</td>
<td>80/81*</td>
<td>3</td>
<td>17</td>
<td>10</td>
<td>30</td>
<td>140/141*</td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Society and Urban Systems (PI)</td>
<td>1</td>
<td>26/27*</td>
<td>9</td>
<td></td>
<td>6</td>
<td>41/42*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td></td>
<td>12</td>
<td>43</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td></td>
<td>15</td>
<td>3</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>19</td>
<td></td>
<td></td>
<td>9</td>
<td>31</td>
</tr>
<tr>
<td>Total</td>
<td>80/81*</td>
<td>3</td>
<td>17</td>
<td>15</td>
<td>30</td>
<td>145/146*</td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Sustainability (PI)</td>
<td>1</td>
<td>26/27* [3]</td>
<td>9</td>
<td>6</td>
<td>6</td>
<td>36/39*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td></td>
<td></td>
<td>3</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td></td>
<td>12</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>19</td>
<td></td>
<td></td>
<td>16</td>
<td>36</td>
</tr>
<tr>
<td>Total</td>
<td>80/81* [9]</td>
<td>3</td>
<td>17</td>
<td>15</td>
<td>28</td>
<td>143/144* [3]</td>
</tr>
<tr>
<td>Information Engineering &amp; Media with Second Major in Business (PI)</td>
<td>1</td>
<td>23/24*</td>
<td>9</td>
<td>6</td>
<td>6</td>
<td>38/39*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td>3</td>
<td>3</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>9</td>
<td></td>
<td>6</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>15</td>
<td></td>
<td>2</td>
<td>36</td>
</tr>
<tr>
<td>Total</td>
<td>63/64*</td>
<td>24</td>
<td>17</td>
<td>15</td>
<td>30</td>
<td>140/150*</td>
</tr>
<tr>
<td>Information Engineering &amp; Media with Second Major in Business (International Trading) (PI)</td>
<td>1</td>
<td>23/24*</td>
<td>9</td>
<td>6</td>
<td>6</td>
<td>38/39*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td>3</td>
<td>3</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>9</td>
<td></td>
<td>10</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>15</td>
<td></td>
<td>2</td>
<td>36</td>
</tr>
<tr>
<td>Total</td>
<td>63/64*</td>
<td>24</td>
<td>17</td>
<td>15</td>
<td>31</td>
<td>150/151*</td>
</tr>
<tr>
<td>Information Engineering &amp; Media with Second Major in Data Analytics (PI)</td>
<td>1</td>
<td>26/27* [3]</td>
<td>9</td>
<td>0</td>
<td>3</td>
<td>35/36* [3]</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>9</td>
<td></td>
<td>10</td>
<td>28</td>
</tr>
<tr>
<td>Total</td>
<td>63/64* [9]</td>
<td>24</td>
<td>17</td>
<td>15</td>
<td>18</td>
<td>137/138* [12]</td>
</tr>
<tr>
<td>Information Engineering &amp; Media with Second Major in Entrepreneurship (PI)</td>
<td>1</td>
<td>23/24*</td>
<td>9</td>
<td>6</td>
<td>6</td>
<td>38/39*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td>3</td>
<td>3</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>9</td>
<td>10</td>
<td>3</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>15</td>
<td></td>
<td>2</td>
<td>35</td>
</tr>
<tr>
<td>Total</td>
<td>63/64*</td>
<td>24</td>
<td>17</td>
<td>15</td>
<td>25</td>
<td>144/145*</td>
</tr>
<tr>
<td>Maritime Studies with Second Major in Business</td>
<td>1</td>
<td>16</td>
<td>9</td>
<td>15</td>
<td>40</td>
<td>140</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td>6</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>10</td>
<td>2</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td>3</td>
<td></td>
<td>18</td>
<td>35</td>
</tr>
<tr>
<td>Total</td>
<td>65</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>39</td>
<td>142</td>
</tr>
<tr>
<td>Maritime Studies with Second Major in Business (International Trading)</td>
<td>1</td>
<td>16</td>
<td>9</td>
<td>15</td>
<td>40</td>
<td>140</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td>5</td>
<td>4</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>10</td>
<td>2</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td>3</td>
<td></td>
<td>19</td>
<td>36</td>
</tr>
<tr>
<td>Total</td>
<td>65</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>39</td>
<td>142</td>
</tr>
</tbody>
</table>

### Description

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- * For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).
- ^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.

[1] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
### Single Degree with Second Major Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Number of Academic Units (AUs)</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maritime Studies with Second Major in Data Analytics</td>
<td>1</td>
<td>28 [3]</td>
<td>9</td>
<td>5</td>
<td>3</td>
<td>37 [3]</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>10</td>
<td>6</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td>3</td>
<td>18</td>
<td>3</td>
<td>35</td>
</tr>
<tr>
<td>Maritime Studies with Second Major in Sustainability</td>
<td>1</td>
<td>28</td>
<td>9</td>
<td>5</td>
<td>3</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td>5</td>
<td>3</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>10</td>
<td>6</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td>3</td>
<td>21</td>
<td>6</td>
<td>38</td>
</tr>
<tr>
<td>Total</td>
<td>77 [9]</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>30</td>
<td>145</td>
</tr>
<tr>
<td>Materials Engineering with Second Major in Business (PI@)</td>
<td>1</td>
<td>25/26*</td>
<td>9</td>
<td>6</td>
<td>40/41*</td>
<td>46/41*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td>40</td>
<td>40</td>
<td>79</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>12</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>9</td>
<td>12</td>
<td>7</td>
<td>36</td>
</tr>
<tr>
<td>Total</td>
<td>75/76*</td>
<td>9</td>
<td>17</td>
<td>15</td>
<td>31</td>
<td>147/148*</td>
</tr>
<tr>
<td>Materials Engineering with Second Major in Data Analytics (PI@)</td>
<td>1</td>
<td>25/26*</td>
<td>9</td>
<td>3</td>
<td>37/38*</td>
<td>41/38*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>3</td>
<td>10</td>
<td>41 [3]</td>
<td>51</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>15</td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td>75/76*</td>
<td>9</td>
<td>17</td>
<td>15</td>
<td>22</td>
<td>140/141* [12]</td>
</tr>
<tr>
<td>Materials Engineering with Second Major in Entrepreneurship (PI@)</td>
<td>1</td>
<td>25/26*</td>
<td>9</td>
<td>6</td>
<td>40/41*</td>
<td>46/41*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>3</td>
<td>9</td>
<td>40</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>15</td>
<td>3</td>
<td>12 [10]</td>
<td>3</td>
<td>30 [10]</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>9</td>
<td>7</td>
<td>3</td>
<td>31</td>
</tr>
<tr>
<td>Total</td>
<td>75/76*</td>
<td>9</td>
<td>17</td>
<td>15</td>
<td>25</td>
<td>141/142* [10]</td>
</tr>
<tr>
<td>Materials Engineering with Second Major in Medical Biology (PI@)</td>
<td>1</td>
<td>25/26*</td>
<td>9</td>
<td>9</td>
<td>40/41*</td>
<td>46/41*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>16</td>
<td>3</td>
<td>9</td>
<td>40</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>16</td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>31</td>
</tr>
<tr>
<td>Total</td>
<td>75/76*</td>
<td>9</td>
<td>17</td>
<td>15</td>
<td>30</td>
<td>146/147* [9]</td>
</tr>
<tr>
<td>Materials Engineering with Second Major in Pharmaceutical Engineering (PI@)</td>
<td>1</td>
<td>25/26*</td>
<td>9</td>
<td>3</td>
<td>37/38*</td>
<td>41/38*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>22</td>
<td>3</td>
<td>9</td>
<td>40</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>9</td>
<td>12</td>
<td>3</td>
<td>36</td>
</tr>
<tr>
<td>Total</td>
<td>75/76*</td>
<td>9</td>
<td>17</td>
<td>15</td>
<td>30</td>
<td>146/147*</td>
</tr>
<tr>
<td>Materials Engineering with Second Major in Sustainability (PI@)</td>
<td>1</td>
<td>25/26*</td>
<td>9</td>
<td>6</td>
<td>40/41*</td>
<td>46/41*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>3</td>
<td>9</td>
<td>40</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>15</td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td>75/76*</td>
<td>9</td>
<td>17</td>
<td>15</td>
<td>24</td>
<td>142/143* [9]</td>
</tr>
<tr>
<td>Mathematical Sciences with Second Major in Sustainability</td>
<td>1</td>
<td>29</td>
<td>9</td>
<td>6</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>3</td>
<td>9</td>
<td>40</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>15</td>
<td>15</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>6</td>
<td>6</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>53</td>
<td>31</td>
<td>17</td>
<td>10</td>
<td>30</td>
<td>141</td>
</tr>
</tbody>
</table>

**Description**

- *PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.*
- ^ For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).
- ^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>4</td>
<td>18</td>
<td></td>
<td>7</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>13</td>
<td></td>
<td></td>
<td>10</td>
<td>19</td>
</tr>
<tr>
<td>Mathematical Sciences with Second Major in Data</td>
<td>1</td>
<td>29</td>
<td>9</td>
<td></td>
<td></td>
<td>38</td>
</tr>
<tr>
<td>Analytics</td>
<td>2</td>
<td>20</td>
<td>8</td>
<td></td>
<td>3</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>4</td>
<td>18</td>
<td></td>
<td>2</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td></td>
<td></td>
<td>10</td>
<td>24</td>
</tr>
<tr>
<td>Mechanical Engineering with Second Major in Business</td>
<td>1</td>
<td>24/25</td>
<td>9</td>
<td></td>
<td>6</td>
<td>39/40</td>
</tr>
<tr>
<td>(PI)</td>
<td>2</td>
<td>27</td>
<td>8</td>
<td></td>
<td>3</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>16</td>
<td></td>
<td></td>
<td>10</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>6</td>
<td></td>
<td>2</td>
<td>32</td>
</tr>
<tr>
<td>Total</td>
<td>79/80 *</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>30</td>
<td>147/148</td>
</tr>
<tr>
<td>Mechanical Engineering with Second Major in Data</td>
<td>1</td>
<td>24/25</td>
<td>9</td>
<td></td>
<td>3</td>
<td>39/40</td>
</tr>
<tr>
<td>Analytics with International Trading (PI)</td>
<td>2</td>
<td>27</td>
<td>8</td>
<td></td>
<td>3</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>16</td>
<td></td>
<td></td>
<td>10</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>6</td>
<td></td>
<td>2</td>
<td>29</td>
</tr>
<tr>
<td>Total</td>
<td>79/80 *</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>31</td>
<td>148/149</td>
</tr>
<tr>
<td>Mechanical Engineering with Second Major in Business</td>
<td>1</td>
<td>24/25</td>
<td>9</td>
<td></td>
<td>3</td>
<td>39/40</td>
</tr>
<tr>
<td>(PI)</td>
<td>2</td>
<td>27</td>
<td>8</td>
<td></td>
<td>3</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>16</td>
<td></td>
<td></td>
<td>10</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>6</td>
<td></td>
<td>2</td>
<td>32</td>
</tr>
<tr>
<td>Total</td>
<td>79/80 *</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>30</td>
<td>147/148</td>
</tr>
<tr>
<td>Mechanical Engineering with Second Major in Society</td>
<td>1</td>
<td>24/25</td>
<td>9</td>
<td></td>
<td>3</td>
<td>39/40</td>
</tr>
<tr>
<td>&amp; Urban Systems (PI)</td>
<td>2</td>
<td>27</td>
<td>8</td>
<td></td>
<td>3</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>16</td>
<td></td>
<td></td>
<td>10</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>6</td>
<td></td>
<td>2</td>
<td>32</td>
</tr>
<tr>
<td>Total</td>
<td>79/80 *</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>30</td>
<td>147/148</td>
</tr>
<tr>
<td>Mechanical Engineering with Second Major in</td>
<td>1</td>
<td>24/25</td>
<td>9</td>
<td></td>
<td>3</td>
<td>33/34</td>
</tr>
<tr>
<td>Sustainability (PI)</td>
<td>2</td>
<td>27</td>
<td>8</td>
<td></td>
<td>3</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>16</td>
<td></td>
<td></td>
<td>10</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>6</td>
<td></td>
<td>2</td>
<td>31</td>
</tr>
<tr>
<td>Total</td>
<td>79/80 *</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>30</td>
<td>145/146</td>
</tr>
<tr>
<td>Physics with Second Major in</td>
<td>1</td>
<td>24</td>
<td>9</td>
<td></td>
<td></td>
<td>33</td>
</tr>
<tr>
<td>Sustainability - Pure Physics</td>
<td>2</td>
<td>24</td>
<td>8</td>
<td></td>
<td>3</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td></td>
<td>7</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>Total</td>
<td>61</td>
<td>13</td>
<td>17</td>
<td>10</td>
<td>30</td>
<td>131</td>
</tr>
</tbody>
</table>

Description:
- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
### Single Degree with Second Major Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Physics with Second Major in Sustainability - Applied Physics</td>
<td>1</td>
<td>24</td>
<td>9</td>
<td></td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td>3</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td>7</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>10</td>
<td></td>
<td>12</td>
<td>25</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>60</strong></td>
<td><strong>13</strong></td>
<td><strong>17</strong></td>
<td><strong>10</strong></td>
<td><strong>130</strong></td>
</tr>
<tr>
<td>Physics with Second Major in Data Analytics - Pure Physics^</td>
<td>1</td>
<td>27</td>
<td>9</td>
<td>3</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td>7</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td></td>
<td>12</td>
<td>28</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>61 [3]</strong></td>
<td><strong>13</strong></td>
<td><strong>17</strong></td>
<td><strong>10</strong></td>
<td><strong>141 [3]</strong></td>
</tr>
<tr>
<td>Applied Physics with Second Major in Data Analytics - Applied Physics ^</td>
<td>1</td>
<td>27</td>
<td>9</td>
<td>3</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td>7</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td>28</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>60 [3]</strong></td>
<td><strong>13</strong></td>
<td><strong>17</strong></td>
<td><strong>10</strong></td>
<td><strong>140 [3]</strong></td>
</tr>
<tr>
<td>Physics with Second Major in Quantum Technologies – Pure Physics^</td>
<td>1</td>
<td>27</td>
<td>9</td>
<td>3</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>11</td>
<td>3</td>
<td>7</td>
<td>35</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>61 [7]</strong></td>
<td><strong>13</strong></td>
<td><strong>17</strong></td>
<td><strong>10</strong></td>
<td><strong>132</strong></td>
</tr>
<tr>
<td>Applied Physics with Second Major in Quantum Technologies – Applied Physics ^</td>
<td>1</td>
<td>27</td>
<td>9</td>
<td>3</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>8</td>
<td>3</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>11</td>
<td>3</td>
<td>7</td>
<td>35</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>60 [7]</strong></td>
<td><strong>13</strong></td>
<td><strong>17</strong></td>
<td><strong>10</strong></td>
<td><strong>131</strong></td>
</tr>
<tr>
<td>Applied Physics with Second Major in Microelectronics Engineering</td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>3</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>11</td>
<td>2</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>5</td>
<td>21</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>13</td>
<td></td>
<td>13</td>
<td>26</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>60</strong></td>
<td><strong>13</strong></td>
<td><strong>17</strong></td>
<td><strong>10</strong></td>
<td><strong>143</strong></td>
</tr>
<tr>
<td>Applied Physics with Second Major in Medical Physics</td>
<td>1</td>
<td>27</td>
<td>9</td>
<td>3</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>8</td>
<td>3</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td>7</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>10</td>
<td></td>
<td>14</td>
<td>24</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>61 60</strong></td>
<td><strong>13</strong></td>
<td><strong>17</strong></td>
<td><strong>10</strong></td>
<td><strong>138</strong></td>
</tr>
<tr>
<td>Applied Physics with Second Major in Entrepreneurship</td>
<td>1</td>
<td>27</td>
<td>9</td>
<td>3</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20</td>
<td>8</td>
<td>3</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>4</td>
<td>2</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>10</td>
<td></td>
<td>15</td>
<td>29</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>60</strong></td>
<td><strong>8</strong></td>
<td><strong>17</strong></td>
<td><strong>15</strong></td>
<td><strong>135</strong></td>
</tr>
<tr>
<td>Psychology with Second Major in Biological Sciences</td>
<td>1</td>
<td>15</td>
<td>9</td>
<td>9</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>3</td>
<td>5</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>14</td>
<td>8</td>
<td>5</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>19</td>
<td></td>
<td>12</td>
<td>31</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>27</strong></td>
<td><strong>36</strong></td>
<td><strong>17</strong></td>
<td><strong>10</strong></td>
<td><strong>138</strong></td>
</tr>
<tr>
<td>Public Policy and Global Affairs with Second Major in Media and Journalism Studies</td>
<td>1</td>
<td>15</td>
<td>3</td>
<td>6</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>10</td>
<td>8</td>
<td>7</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>5</td>
<td>22</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>16</td>
<td></td>
<td>3</td>
<td>19</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td><strong>35</strong></td>
<td><strong>17</strong></td>
<td><strong>10</strong></td>
<td><strong>125</strong></td>
</tr>
</tbody>
</table>

**Description**

^ PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.

^ For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).

^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.

[ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
## Summary of Academic Unit Requirements for Degree Programme at NTU
### For Year 1 Students Admitted in 2024-2025

### Single Degree (Double Major) Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Number of Academic Units (AUs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
</tr>
<tr>
<td>Biomedical Sciences and Biobusiness</td>
<td>1</td>
<td>21</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>27</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>32</td>
<td>6</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>90</td>
<td>6</td>
</tr>
<tr>
<td>Biological Sciences and Psychology</td>
<td>1</td>
<td>36</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>15</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>15</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>63</td>
<td>33</td>
</tr>
<tr>
<td>Chinese and English</td>
<td>1</td>
<td>18</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>6</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>15</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
<td>68</td>
</tr>
<tr>
<td>Chinese and Linguistics &amp; Multilingual Studies</td>
<td>1</td>
<td>15</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>9</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>29</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>24</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
<td>68</td>
</tr>
<tr>
<td>Economics and Media Analytics</td>
<td>1</td>
<td>18</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>6</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>19</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>28</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
<td>68</td>
</tr>
<tr>
<td>Economics and Psychology</td>
<td>1</td>
<td>21</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>18</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>25</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>19</td>
<td>10</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
<td>68</td>
</tr>
<tr>
<td>Economics and Public Policy &amp; Global Affairs</td>
<td>1</td>
<td>21</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>20</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>24</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
<td>68</td>
</tr>
<tr>
<td>English and History</td>
<td>1</td>
<td>21</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>15</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>29</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>24</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
<td>68</td>
</tr>
<tr>
<td>English and Philosophy</td>
<td>1</td>
<td>21</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>25</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>28</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
<td>68</td>
</tr>
</tbody>
</table>

### Description
- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- * For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- ^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
## Single Degree (Double Major) Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Eletives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td>Environmental Earth Systems Science and Public Policy &amp; Global Affairs</td>
<td>1</td>
<td>30</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td>6</td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>22</td>
<td></td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>22</td>
<td>5</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>68</td>
<td>50</td>
<td>17</td>
<td>10</td>
<td>3</td>
</tr>
<tr>
<td>History and Chinese</td>
<td>1</td>
<td>18</td>
<td>9</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>15</td>
<td>8</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>29</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>24</td>
<td></td>
<td></td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
<td>68</td>
<td>17</td>
<td>10</td>
<td>19</td>
</tr>
<tr>
<td>History and Linguistics &amp; Multilingual Studies</td>
<td>1</td>
<td>18</td>
<td></td>
<td></td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>15</td>
<td>8</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>29</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>24</td>
<td></td>
<td></td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
<td>68</td>
<td>17</td>
<td>10</td>
<td>19</td>
</tr>
<tr>
<td>Linguistics &amp; Multilingual Studies and English</td>
<td>1</td>
<td>21</td>
<td></td>
<td></td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>15</td>
<td>8</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>29</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>24</td>
<td></td>
<td></td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
<td>68</td>
<td>17</td>
<td>10</td>
<td>19</td>
</tr>
<tr>
<td>Linguistics &amp; Multilingual Studies and Philosophy</td>
<td>1</td>
<td>18</td>
<td></td>
<td></td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>6</td>
<td>15</td>
<td>8</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>29</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>24</td>
<td></td>
<td></td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
<td>68</td>
<td>17</td>
<td>10</td>
<td>19</td>
</tr>
<tr>
<td>Mathematical and Computer Sciences</td>
<td>1</td>
<td>35</td>
<td></td>
<td></td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td></td>
<td></td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>29</td>
<td></td>
<td></td>
<td>12</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>24</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>69</td>
<td>30</td>
<td>17</td>
<td>15</td>
<td>12</td>
</tr>
<tr>
<td>Mathematical Sciences and Economics</td>
<td>1</td>
<td>35</td>
<td></td>
<td></td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>25</td>
<td></td>
<td></td>
<td>6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>29</td>
<td></td>
<td></td>
<td>17</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>22</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>69</td>
<td>45</td>
<td>17</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td>Philosophy and Chinese</td>
<td>1</td>
<td>16</td>
<td></td>
<td></td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>9</td>
<td>15</td>
<td>8</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>29</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>23</td>
<td></td>
<td></td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>25</td>
<td>67</td>
<td>17</td>
<td>10</td>
<td>19</td>
</tr>
<tr>
<td>Philosophy and History</td>
<td>1</td>
<td>18</td>
<td></td>
<td></td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>15</td>
<td>8</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>29</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>24</td>
<td></td>
<td></td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
<td>68</td>
<td>17</td>
<td>10</td>
<td>19</td>
</tr>
<tr>
<td>Physics and Mathematical Sciences</td>
<td>1</td>
<td>31</td>
<td></td>
<td></td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td></td>
<td></td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>29</td>
<td></td>
<td></td>
<td>7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>2</td>
<td>16</td>
<td></td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>86</td>
<td>23</td>
<td>17</td>
<td>10</td>
<td>8</td>
</tr>
</tbody>
</table>

**Description**

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- All of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme.

---

**Last updated on 10 July 2024**

**Page 20 of 47**
## Single Degree (Double Major) Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Eletives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td>Psychology and Linguistics &amp; Multilingual Studies</td>
<td>1</td>
<td></td>
<td>21</td>
<td>3</td>
<td>9</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>3</td>
<td>15</td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>24</td>
<td>2</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td>29</td>
<td>8</td>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>24</td>
<td>68</td>
<td>17</td>
<td>10</td>
</tr>
<tr>
<td>Psychology and Media Analytics</td>
<td>1</td>
<td></td>
<td>18</td>
<td>3</td>
<td>9</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>6</td>
<td>12</td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>26</td>
<td>2</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td>27</td>
<td>8</td>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>24</td>
<td>68</td>
<td>17</td>
<td>10</td>
</tr>
</tbody>
</table>

**Description**

- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School's website for AU requirement of other attachment option.
- For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- All of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
### Single Degree (CN Yang) Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td>Aerospace Engineering (PA)</td>
<td>1</td>
<td>39</td>
<td>5</td>
<td>30</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>30</td>
<td>5</td>
<td>30</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>27</td>
<td>5</td>
<td>27</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>5</td>
<td>17</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>113</td>
<td>0</td>
<td>13</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>Aerospace Engineering with Second Major in Data Analytics (PA)</td>
<td>1</td>
<td>35 [3]</td>
<td>5</td>
<td>30</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>30</td>
<td>5</td>
<td>30</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>5</td>
<td>17</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>27</td>
<td>5</td>
<td>27</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>30</td>
<td>5</td>
<td>30</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>5</td>
<td>17</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>1</td>
<td>42</td>
<td>2</td>
<td>42</td>
<td>2</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>25</td>
<td>2</td>
<td>25</td>
<td>2</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>3</td>
<td>6</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>9</td>
<td>12</td>
<td>9</td>
<td>24</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>79</td>
<td>15</td>
<td>13</td>
<td>13</td>
<td>27</td>
</tr>
<tr>
<td>Biological Sciences with Second Major in Sustainability</td>
<td>^</td>
<td>1</td>
<td>42 [3]</td>
<td>2</td>
<td>42</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>25</td>
<td>2</td>
<td>25</td>
<td>2</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>3</td>
<td>6</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>9</td>
<td>12</td>
<td>9</td>
<td>24</td>
</tr>
<tr>
<td>Bioengineering (PA)</td>
<td>1</td>
<td>33</td>
<td>5</td>
<td>33</td>
<td>5</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>36</td>
<td>8</td>
<td>36</td>
<td>8</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>21</td>
<td>5</td>
<td>21</td>
<td>5</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>9</td>
<td>6</td>
<td>9</td>
<td>6</td>
<td>27</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>99</td>
<td>6</td>
<td>13</td>
<td>8</td>
<td>12</td>
</tr>
<tr>
<td>Bioengineering with Second Major in Data Analytics (PA)</td>
<td>^</td>
<td>1</td>
<td>33 [4]</td>
<td>5</td>
<td>33</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>36 [3]</td>
<td>8</td>
<td>36</td>
<td>8</td>
<td>44 [3]</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>21</td>
<td>5</td>
<td>21</td>
<td>5</td>
<td>29</td>
</tr>
<tr>
<td>Bioengineering with Second Major in Sustainability (PA)</td>
<td>^</td>
<td>1</td>
<td>33 [5]</td>
<td>5</td>
<td>33</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>36</td>
<td>8</td>
<td>36</td>
<td>8</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>21</td>
<td>5</td>
<td>21</td>
<td>5</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>9</td>
<td>6</td>
<td>9</td>
<td>6</td>
<td>34</td>
</tr>
<tr>
<td>Biological Sciences with Second Major in Data Analytics</td>
<td>^</td>
<td>1</td>
<td>42 [7]</td>
<td>5</td>
<td>42</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>25</td>
<td>8</td>
<td>25</td>
<td>8</td>
<td>43</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>9</td>
<td>12</td>
<td>9</td>
<td>24</td>
</tr>
</tbody>
</table>

**Description:**

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- "^" For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- "*" The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.

[ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

* Offered to prospective students from AY2024 intake onwards.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

---

Last updated on 10 July 2024
## Single Degree (CN Yang) Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td>Chemical &amp; Biomolecular Engineering (PA)^h</td>
<td>1</td>
<td>39</td>
<td>5</td>
<td>44</td>
<td>44</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>36</td>
<td>6</td>
<td>30</td>
<td>44</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>25</td>
<td>8</td>
<td>20</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>6</td>
<td>20</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>108</td>
<td>6</td>
<td>13</td>
<td>8</td>
<td>3</td>
<td>138</td>
</tr>
<tr>
<td>Chemical &amp; Biomolecular Engineering with Second Major in Sustainability (PA)^h</td>
<td>1</td>
<td>39</td>
<td>5</td>
<td>44</td>
<td>44</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>25</td>
<td>8</td>
<td>3</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>6</td>
<td>22</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>Chemical &amp; Biomolecular Engineering with Second Major in Data Analytics^h</td>
<td>1</td>
<td>39</td>
<td>5</td>
<td>44</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>36</td>
<td>8</td>
<td>3</td>
<td>47</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>25</td>
<td>8</td>
<td>3</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>6</td>
<td>22</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>Chemistry and Biological Chemistry</td>
<td>1</td>
<td>33</td>
<td>5</td>
<td>3</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>2</td>
<td>25</td>
<td>8</td>
<td>3</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>12</td>
<td>5</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>10</td>
<td>22</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>88</td>
<td>12</td>
<td>13</td>
<td>13</td>
<td>8</td>
<td>134</td>
</tr>
<tr>
<td>Chemistry &amp; Biological Chemistry with Second Major in Data Analytics^h</td>
<td>1</td>
<td>33</td>
<td>5</td>
<td>44</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>25</td>
<td>8</td>
<td>3</td>
<td>45</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>12</td>
<td>5</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>10</td>
<td>22</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>Chemistry &amp; Biological Chemistry with Second Major in Sustainability^h</td>
<td>1</td>
<td>33</td>
<td>5</td>
<td>44</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>25</td>
<td>8</td>
<td>3</td>
<td>45</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>12</td>
<td>5</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>10</td>
<td>22</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>Civil Engineering (PA)^h</td>
<td>1</td>
<td>40</td>
<td>5</td>
<td>45</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>30</td>
<td>5</td>
<td>3</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>22</td>
<td>3</td>
<td>3</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>3</td>
<td>5</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>104</td>
<td>3</td>
<td>13</td>
<td>8</td>
<td>8</td>
<td>136</td>
</tr>
<tr>
<td>Civil Engineering with Second Major in Data Analytics (PA)^h</td>
<td>1</td>
<td>39</td>
<td>5</td>
<td>44</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>27</td>
<td>5</td>
<td>3</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>25</td>
<td>3</td>
<td>3</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>3</td>
<td>18</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>Civil Engineering with Second Major in Sustainability (PA)^h</td>
<td>1</td>
<td>40</td>
<td>5</td>
<td>45</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>30</td>
<td>5</td>
<td>3</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>22</td>
<td>3</td>
<td>3</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>3</td>
<td>19</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>Computer Engineering (PA)^h</td>
<td>1</td>
<td>33</td>
<td>5</td>
<td>41</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>31</td>
<td>8</td>
<td>3</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>27</td>
<td>5</td>
<td>3</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>12</td>
<td>3</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>99</td>
<td>12</td>
<td>13</td>
<td>8</td>
<td>6</td>
<td>138</td>
</tr>
</tbody>
</table>

**Description**

^ h  - PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.

^ - For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).

^ + - The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.

[ ] - AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

* - Offered to prospective students from AY2024 intake onwards.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Major Requirements</td>
<td>Interdisciplinary Collaborative Core</td>
</tr>
<tr>
<td></td>
<td>Core</td>
<td>Major PE</td>
</tr>
<tr>
<td>Computer Engineering with Second Major in Data Analytics (PA)</td>
<td>1</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>98</strong></td>
<td><strong>12</strong></td>
</tr>
<tr>
<td>Computer Engineering with Second Major in Sustainability (PA)</td>
<td>1</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>99</strong></td>
<td><strong>5</strong></td>
</tr>
<tr>
<td>Computer Science (PA)</td>
<td>1</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>87</strong></td>
<td><strong>24</strong></td>
</tr>
<tr>
<td>Computer Science with Second Major in Sustainability (PA)</td>
<td>1</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>87</strong></td>
<td><strong>24</strong></td>
</tr>
<tr>
<td>Electrical and Electronic Engineering (PA)</td>
<td>1</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>83</strong></td>
<td><strong>21</strong></td>
</tr>
<tr>
<td>Electrical and Electronic Engineering with Second Major in Data Analytics</td>
<td>1</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>82</strong></td>
<td><strong>21</strong></td>
</tr>
<tr>
<td>Electrical and Electronic Engineering with Second Major in Sustainability (PA)</td>
<td>1</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>83</strong></td>
<td><strong>21</strong></td>
</tr>
<tr>
<td>Environmental Earth Systems Science (Ecology)</td>
<td>1</td>
<td>43</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>19</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>99</strong></td>
<td><strong>0</strong></td>
</tr>
<tr>
<td>Environmental Earth Systems Science (Geosciences)</td>
<td>1</td>
<td>43</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>95</strong></td>
<td><strong>0</strong></td>
</tr>
</tbody>
</table>

**Description**
* PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
* For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
* The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
* [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.
* Offered to prospective students from AY2024 intake onwards.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
## Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025

### Single Degree (CN Yang) Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Earth Systems</td>
<td>1</td>
<td>43</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science (Society and the Earth System)</td>
<td>2</td>
<td>29</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>96</strong></td>
<td><strong>0</strong></td>
<td><strong>13</strong></td>
<td></td>
<td><strong>13</strong></td>
<td><strong>12</strong></td>
</tr>
<tr>
<td>Environmental Earth Systems</td>
<td>1</td>
<td>46</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science with Second Major in Data Analytics (Ecology)</td>
<td>2</td>
<td>28</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>99</strong></td>
<td><strong>0</strong></td>
<td><strong>13</strong></td>
<td></td>
<td><strong>13</strong></td>
<td><strong>25</strong></td>
</tr>
<tr>
<td>Environmental Earth Systems</td>
<td>1</td>
<td>46</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science with Second Major in Data Analytics (Geosciences)</td>
<td>2</td>
<td>26</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>96</strong></td>
<td><strong>0</strong></td>
<td><strong>13</strong></td>
<td></td>
<td><strong>13</strong></td>
<td><strong>25</strong></td>
</tr>
<tr>
<td>Environmental Earth Systems</td>
<td>1</td>
<td>43</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science with Second Major in Sustainability (Ecology)</td>
<td>2</td>
<td>31</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>99</strong></td>
<td><strong>0</strong></td>
<td><strong>13</strong></td>
<td></td>
<td><strong>13</strong></td>
<td><strong>21</strong></td>
</tr>
<tr>
<td>Environmental Earth Systems</td>
<td>1</td>
<td>43</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science with Second Major in Sustainability (Geosciences)</td>
<td>2</td>
<td>26</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>95</strong></td>
<td><strong>0</strong></td>
<td><strong>13</strong></td>
<td></td>
<td><strong>13</strong></td>
<td><strong>27</strong></td>
</tr>
<tr>
<td>Environmental Earth Systems</td>
<td>1</td>
<td>43</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science with Second Major in Sustainability (Society and the Earth System)</td>
<td>2</td>
<td>32</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>96</strong></td>
<td><strong>0</strong></td>
<td><strong>13</strong></td>
<td></td>
<td><strong>13</strong></td>
<td><strong>27</strong></td>
</tr>
<tr>
<td>Environmental Engineering (PA®)</td>
<td>1</td>
<td>40</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>30</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>23</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>104</strong></td>
<td><strong>3</strong></td>
<td><strong>13</strong></td>
<td></td>
<td><strong>8</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Data Analytics (PA®)</td>
<td>1</td>
<td>36</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>27</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>26</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
<td><strong>3</strong></td>
<td><strong>13</strong></td>
<td></td>
<td><strong>8</strong></td>
<td><strong>18</strong></td>
</tr>
<tr>
<td>Environmental Engineering with Second Major in Sustainability (PA®)</td>
<td>1</td>
<td>40</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>27</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>26</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>104</strong></td>
<td><strong>3</strong></td>
<td><strong>13</strong></td>
<td></td>
<td><strong>8</strong></td>
<td><strong>25</strong></td>
</tr>
</tbody>
</table>

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

**Last updated on 10 July 2024**
### Single Degree (CN Yang) Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td>Information Engineering &amp; Media (PA@)</td>
<td>1</td>
<td>38</td>
<td>5</td>
<td>8</td>
<td>3</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>27</td>
<td>8</td>
<td>3</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>15</td>
<td>12</td>
<td>8</td>
<td>3</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>12</td>
<td>8</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>88</td>
<td>24</td>
<td>13</td>
<td>8</td>
<td>6</td>
<td>139</td>
</tr>
<tr>
<td>Information Engineering &amp; Media with Second Major in Data Analytics (PA@)*</td>
<td>1</td>
<td>34 [6]</td>
<td>5</td>
<td>39 [6]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>6</td>
<td>10</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td>3</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>15</td>
<td>18</td>
<td>5</td>
<td>9</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>6</td>
<td>10</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>Materials Engineering</td>
<td>1</td>
<td>36</td>
<td>5</td>
<td>41</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>25</td>
<td>8</td>
<td>3</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>30</td>
<td>8</td>
<td>38</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>10</td>
<td>9</td>
<td>3</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>101</td>
<td>9</td>
<td>13</td>
<td>8</td>
<td>6</td>
<td>137</td>
</tr>
<tr>
<td>Materials Engineering with Second Major in Data Analytics (PA@)*</td>
<td>1</td>
<td>33 [3]</td>
<td>5</td>
<td>38 [3]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
<td>8</td>
<td>3</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td>3</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>31</td>
<td>5</td>
<td>6</td>
<td>45 [3]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>10</td>
<td>6 [1]</td>
<td>6</td>
<td>22 [1]</td>
<td></td>
</tr>
<tr>
<td>Mathematical Sciences</td>
<td>1</td>
<td>36</td>
<td>5</td>
<td>41</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td>8</td>
<td>3</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>19</td>
<td>3</td>
<td>3</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>10</td>
<td>22</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>74</td>
<td>19</td>
<td>13</td>
<td>15</td>
<td>134</td>
<td></td>
</tr>
<tr>
<td>Mathematical Sciences with Second Major in Data Analytics*</td>
<td>1</td>
<td>40 [7]</td>
<td>5</td>
<td>45 [7]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>19</td>
<td>13</td>
<td>32</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>10</td>
<td>22</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>22</td>
<td>8</td>
<td>3</td>
<td>45</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>19</td>
<td>15</td>
<td>34</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>10</td>
<td>22</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mechanical Engineering (PA®)</td>
<td>1</td>
<td>38</td>
<td>5</td>
<td>43</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>28</td>
<td>8</td>
<td>3</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>25</td>
<td>8</td>
<td>3</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>6</td>
<td>21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>106</td>
<td>6</td>
<td>13</td>
<td>8</td>
<td>3</td>
<td>136</td>
</tr>
</tbody>
</table>

**Description**

- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- * For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- ** The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfill two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.
- * Offered to prospective students from AY2024 intake onwards.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024

Page 26 of 47
### Single Degree (CN Yang) Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical Engineering with Second Major in Data Analytics (PA[^]*[^])</td>
<td>1</td>
<td>34 [3]</td>
<td>5</td>
<td></td>
<td>39 [3]</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td></td>
<td></td>
<td>27</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>102 [6]</strong></td>
<td><strong>6 [6]</strong></td>
<td><strong>13</strong></td>
<td><strong>147 [12]</strong></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>28</td>
<td>8</td>
<td></td>
<td>42</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>25</td>
<td>6</td>
<td></td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td></td>
<td></td>
<td>28</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>106 [5]</strong></td>
<td><strong>6</strong></td>
<td><strong>13</strong></td>
<td><strong>158 [5]</strong></td>
</tr>
<tr>
<td>Physics &amp; Applied Physics</td>
<td>1</td>
<td>34</td>
<td>5</td>
<td></td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>31</td>
<td>8</td>
<td></td>
<td>42</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>9</td>
<td></td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td></td>
<td></td>
<td>22</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>90</strong></td>
<td><strong>13</strong></td>
<td><strong>13</strong></td>
<td><strong>134</strong></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>34</td>
<td>8</td>
<td></td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>9</td>
<td></td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td></td>
<td></td>
<td>22</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>93 [4]</strong></td>
<td><strong>13</strong></td>
<td><strong>13</strong></td>
<td><strong>156 [4]</strong></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>34</td>
<td>8</td>
<td></td>
<td>42</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>9</td>
<td></td>
<td>43</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td></td>
<td></td>
<td>22</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>93 [3]</strong></td>
<td><strong>13</strong></td>
<td><strong>13</strong></td>
<td><strong>155 [3]</strong></td>
</tr>
</tbody>
</table>

**Description:**
- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.
- Offered to prospective students from AY2024 intake onwards.

Note: This summary is subject to changes without notice. As each student's programme requirements differs, students should approach their School's Programme Advisors to understand the requirements where necessary.
## Summary of Academic Unit Requirements for Degree Programme at NTU
### For Year 1 Students Admitted in 2024-2025

### Double Degree Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Double Degree in Accountancy and Business (Group A)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Actuarial Science</td>
<td>1</td>
<td>27</td>
<td>8</td>
<td>104</td>
<td>41</td>
<td>149</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>28</td>
<td>8</td>
<td>37</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>26</td>
<td>4</td>
<td>36</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>23</td>
<td></td>
<td>35</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>104</strong></td>
<td><strong>0</strong></td>
<td><strong>17</strong></td>
<td><strong>13</strong></td>
<td><strong>15</strong></td>
<td><strong>149</strong></td>
</tr>
<tr>
<td>• Banking &amp; Finance</td>
<td>1</td>
<td>27</td>
<td>8</td>
<td>41</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>16</td>
<td>5</td>
<td>38</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>22</td>
<td>6</td>
<td>34</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td></td>
<td>29</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>76</strong></td>
<td><strong>18</strong></td>
<td><strong>17</strong></td>
<td><strong>13</strong></td>
<td><strong>18</strong></td>
<td><strong>142</strong></td>
</tr>
<tr>
<td>• Business Analytics</td>
<td>1</td>
<td>27</td>
<td>8</td>
<td>41</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>5</td>
<td>40</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>22</td>
<td>11</td>
<td>34</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td></td>
<td>26</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>84</strong></td>
<td><strong>9</strong></td>
<td><strong>17</strong></td>
<td><strong>13</strong></td>
<td><strong>18</strong></td>
<td><strong>141</strong></td>
</tr>
<tr>
<td>• Human Resource Consulting</td>
<td>1</td>
<td>27</td>
<td>8</td>
<td>41</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>11</td>
<td>37</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>22</td>
<td>6</td>
<td>34</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td></td>
<td>29</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>72</strong></td>
<td><strong>21</strong></td>
<td><strong>17</strong></td>
<td><strong>13</strong></td>
<td><strong>18</strong></td>
<td><strong>141</strong></td>
</tr>
<tr>
<td>• Marketing</td>
<td>1</td>
<td>27</td>
<td>8</td>
<td>41</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>18</td>
<td>5</td>
<td>37</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>25</td>
<td>11</td>
<td>34</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td></td>
<td>29</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>84</strong></td>
<td><strong>9</strong></td>
<td><strong>17</strong></td>
<td><strong>13</strong></td>
<td><strong>18</strong></td>
<td><strong>141</strong></td>
</tr>
<tr>
<td>• Risk Analytics</td>
<td>1</td>
<td>27</td>
<td>8</td>
<td>41</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>5</td>
<td>40</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>25</td>
<td></td>
<td>34</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td></td>
<td>26</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>90</strong></td>
<td><strong>3</strong></td>
<td><strong>17</strong></td>
<td><strong>13</strong></td>
<td><strong>18</strong></td>
<td><strong>141</strong></td>
</tr>
</tbody>
</table>

| Individual Degree Requirements                 |               |                                 |                   |                                      |                                   |       |
| Accountancy (Group A)                         | 1             | 27                              | 8                 | 41                                   |                                  |       |
|                                                | 2             | 12                              | 11                | 21                                   |                                  |       |
|                                                | 3             | 19                              | 4                 | 29                                   |                                  |       |
|                                                | 4             | 11                              |                    | 20                                   |                                  |       |
| **Total**                                      | **66**        | **NA**                          | **17**            | **13**                               | **15**                           | **111**|

| Business                                       |               |                                 |                   |                                      |                                   |       |
| • Year 1                                       | 1             | 27                              | 8                 | 41                                   |                                  |       |
|                                                | 2             | 9                               | 11                | 25                                   |                                  |       |
|                                                | 3             | 6                               | 6                 | 18                                   |                                  |       |
|                                                | 4             | 3                               |                    | 21                                   |                                  |       |
| **Total**                                      | **36**        | **21**                          | **17**            | **13**                               | **18**                           | **105**|

**Description**
- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.

[ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
### Summary of Academic Unit Requirements for Degree Programme at NTU
**For Year 1 Students Admitted in 2024-2025**

#### Double Degree Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Actuarial Science</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>16</td>
<td>8</td>
<td>1</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>3</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td></td>
<td>3</td>
<td>27</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>68</td>
<td>0</td>
<td>17</td>
<td>13</td>
</tr>
<tr>
<td><strong>Banking &amp; Finance</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>11</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
<td>9</td>
<td>9</td>
<td>21</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>40</td>
<td>17</td>
<td>13</td>
<td>18</td>
</tr>
<tr>
<td><strong>Business Analytics</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td></td>
<td>11</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>3</td>
<td>9</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
<td>6</td>
<td>9</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>48</td>
<td>9</td>
<td>17</td>
<td>13</td>
</tr>
<tr>
<td><strong>Human Resource Consulting</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>9</td>
<td></td>
<td>11</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
<td>6</td>
<td>9</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>48</td>
<td>9</td>
<td>17</td>
<td>13</td>
</tr>
<tr>
<td><strong>Marketing</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>6</td>
<td>3</td>
<td>11</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td>3</td>
<td>6</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>6</td>
<td>3</td>
<td>12</td>
<td>21</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>48</td>
<td>9</td>
<td>17</td>
<td>13</td>
</tr>
<tr>
<td><strong>Risk Analytics</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td></td>
<td>11</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td></td>
<td>9</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>6</td>
<td>3</td>
<td>9</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>54</td>
<td>3</td>
<td>17</td>
<td>13</td>
</tr>
</tbody>
</table>

#### Double Degree in Accountancy and Business (Group B)

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Actuarial Science</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>28</td>
<td>8</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>22</td>
<td>3</td>
<td>4</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>27</td>
<td></td>
<td>6</td>
<td>33</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>104</td>
<td>0</td>
<td>17</td>
<td>13</td>
</tr>
<tr>
<td><strong>Banking &amp; Finance</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>16</td>
<td>6</td>
<td>11</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>3</td>
<td>4</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>9</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>76</td>
<td>18</td>
<td>17</td>
<td>13</td>
</tr>
<tr>
<td><strong>Business Analytics</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td></td>
<td>11</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>3</td>
<td>4</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>6</td>
<td>11</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>84</td>
<td>9</td>
<td>17</td>
<td>13</td>
</tr>
</tbody>
</table>

**Description**

- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School's website for AU requirement of other attachment option.
- For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
## Summary of Academic Unit Requirements for Degree Programme at NTU
### For Year 1 Students Admitted in 2024-2025

### Double Degree Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td>• Human Resource Consulting</td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>0</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>9</td>
<td>11</td>
<td>1</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>6</td>
<td>4</td>
<td>6</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>6</td>
<td>12</td>
<td></td>
<td>33</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>72</td>
<td>21</td>
<td>17</td>
<td>13</td>
<td>18 141</td>
</tr>
<tr>
<td>• Marketing</td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>0</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>18</td>
<td>3</td>
<td>11</td>
<td>1</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>21</td>
<td>3</td>
<td>4</td>
<td>6</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>18</td>
<td>3</td>
<td>12</td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>84</td>
<td>9</td>
<td>17</td>
<td>13</td>
<td>18 141</td>
</tr>
<tr>
<td>• Risk Analytics</td>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>0</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>11</td>
<td>1</td>
<td>0</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>24</td>
<td>11</td>
<td>4</td>
<td>6</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>8</td>
<td>12</td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>90</td>
<td>3</td>
<td>17</td>
<td>13</td>
<td>18 141</td>
</tr>
</tbody>
</table>

#### Individual Degree Requirements

**Accountancy (Group B)**

<table>
<thead>
<tr>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>12</td>
<td>8</td>
<td>1</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>12</td>
<td>3</td>
<td>4</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>15</td>
<td></td>
<td>6</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>66</strong></td>
<td><strong>NA</strong></td>
<td><strong>17</strong></td>
<td><strong>13</strong></td>
<td><strong>15 111</strong></td>
</tr>
</tbody>
</table>

**Business**

**Year 1**

<table>
<thead>
<tr>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>11</td>
<td>1</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td>4</td>
<td>6</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td></td>
<td>12</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>36</strong></td>
<td><strong>21</strong></td>
<td><strong>17</strong></td>
<td><strong>13</strong></td>
<td><strong>18 105</strong></td>
</tr>
</tbody>
</table>

**Actuarial Science**

<table>
<thead>
<tr>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>27</td>
<td>9</td>
<td>6</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>16</td>
<td>8</td>
<td>1</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>10</td>
<td>3</td>
<td>4</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>15</td>
<td></td>
<td>6</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>68</strong></td>
<td><strong>0</strong></td>
<td><strong>17</strong></td>
<td><strong>13</strong></td>
<td><strong>15 113</strong></td>
</tr>
</tbody>
</table>

**Banking & Finance**

<table>
<thead>
<tr>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>4</td>
<td>11</td>
<td>1</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td>4</td>
<td>9</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td></td>
<td>9</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>40</strong></td>
<td><strong>18</strong></td>
<td><strong>17</strong></td>
<td><strong>13</strong></td>
<td><strong>18 106</strong></td>
</tr>
</tbody>
</table>

**Business Analytics**

<table>
<thead>
<tr>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>12</td>
<td>11</td>
<td>1</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td>4</td>
<td>9</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td></td>
<td>9</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>48</strong></td>
<td><strong>9</strong></td>
<td><strong>17</strong></td>
<td><strong>13</strong></td>
<td><strong>18 105</strong></td>
</tr>
</tbody>
</table>

**Human Resource Consulting**

<table>
<thead>
<tr>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>27</td>
<td>6</td>
<td>8</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>11</td>
<td>1</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td>4</td>
<td>6</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td></td>
<td>12</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>36</strong></td>
<td><strong>21</strong></td>
<td><strong>17</strong></td>
<td><strong>13</strong></td>
<td><strong>18 105</strong></td>
</tr>
</tbody>
</table>

### Description

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School's website for AU requirement of other attachment option.
- **+** For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).
- **^** The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- **[]** AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student's programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
## Summary of Academic Unit Requirements for Degree Programme at NTU
### For Year 1 Students Admitted in 2024-2025

### Double Degree Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Major Requirements</td>
<td>Interdisciplinary Collaborative Core</td>
</tr>
<tr>
<td></td>
<td>Core</td>
<td>Major PE</td>
</tr>
<tr>
<td>Marketing</td>
<td>1</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>27</td>
</tr>
<tr>
<td>Total</td>
<td>48</td>
<td>9</td>
</tr>
</tbody>
</table>

| Risk Analytics | 1 | 27 | 6 | 8 | 41 |
|               | 2 | 12 | 11 | 1 | 24 |
|               | 3 | 12 | 4 | 6 | 22 |
|               | 4 | 3 | 3 | | 10 |
| Total         | 54 | 3 | 17 | 13 | 105 |

<table>
<thead>
<tr>
<th>Double Degree in Accountancy and Business with Second major in Entrepreneurship (Group B)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial Science</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>104</td>
</tr>
</tbody>
</table>

| Banking & Finance | 1 | 27 | 6 | 8 | 41 |
|                  | 2 | 16 | 11 | 1 | 38 |
|                  | 3 | 18 | 4 | 9 | 31 |
|                  | 4 | 15 | | | 15 |
| Total            | 76 | 18 | 17 | 13 | 154 |

| Business Analytics | 1 | 27 | 6 | 8 | 41 |
|                   | 2 | 24 | 11 | 1 | 36 |
|                   | 3 | 18 | 4 | 9 | 27 |
|                   | 4 | 15 | | | 15 |
| Total             | 84 | 9 | 17 | 13 | 153 |

| Human Resource Consulting | 1 | 27 | 6 | 8 | 41 |
|                          | 2 | 12 | 11 | 1 | 34 |
|                          | 3 | 18 | 4 | 9 | 27 |
|                          | 4 | 15 | | | 15 |
| Total                   | 72 | 21 | 17 | 13 | 153 |

| Marketing | 1 | 27 | 6 | 8 | 41 |
|           | 2 | 28 | 6 | 8 | 46 |
|           | 3 | 21 | 4 | 9 | 30 |
|           | 4 | 18 | | | 18 |
| Total     | 84 | 9 | 17 | 13 | 153 |

| Risk Analytics | 1 | 27 | 6 | 8 | 41 |
|               | 2 | 24 | 11 | 1 | 42 |
|               | 3 | 24 | 4 | 9 | 37 |
|               | 4 | 15 | | | 15 |
| Total         | 90 | 3 | 17 | 13 | 153 |

### Description
- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- **+** For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).
- **^** The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- **[ ]** AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
## Summary of Academic Unit Requirements for Degree Programme at NTU
### For Year 1 Students Admitted in 2024-2025

#### Double Degree Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Major Requirements</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Core</td>
</tr>
<tr>
<td>Accountancy (Group B)</td>
<td>1</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>66</td>
</tr>
<tr>
<td>Business</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Year 1</td>
<td>1</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td>• Actuarial Science</td>
<td>1</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>68</td>
</tr>
<tr>
<td>• Banking &amp; Finance</td>
<td>1</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>40</td>
</tr>
<tr>
<td>• Business Analytics</td>
<td>1</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>48</td>
</tr>
<tr>
<td>• Human Resource Consulting</td>
<td>1</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td>• Marketing</td>
<td>1</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>48</td>
</tr>
<tr>
<td>• Risk Analytics</td>
<td>1</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>54</td>
</tr>
</tbody>
</table>

**Description**

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- ‘+’ For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- ‘^’ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student's programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

_Last updated on 10 July 2024_
### Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025

#### Double Degree Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double Degree in Accountancy and Data Science and Artificial Intelligence</td>
<td>1</td>
<td>6</td>
<td>29</td>
<td>3</td>
<td>17</td>
<td>119</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>5</td>
<td>34</td>
<td>4</td>
<td>18</td>
<td>137</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>29</td>
<td>1</td>
<td>17</td>
<td>119</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
<td>15</td>
<td>10</td>
<td>28</td>
<td>66</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>7</td>
<td>12</td>
<td>19</td>
<td>28</td>
<td>66</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>13</td>
<td>17</td>
<td>18</td>
<td>0</td>
<td>167</td>
</tr>
</tbody>
</table>

#### Individual Degree Requirements

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountancy</td>
<td>1</td>
<td>6</td>
<td>16</td>
<td>3</td>
<td>28</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>5</td>
<td>15</td>
<td>4</td>
<td>27</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>16</td>
<td>1</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>10</td>
<td>11</td>
<td>9</td>
<td>21</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>19</td>
<td>8</td>
<td>8</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>17</td>
<td>18</td>
<td>15</td>
<td>116</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Science and Artificial Intelligence</td>
<td>1</td>
<td>6</td>
<td>13</td>
<td>3</td>
<td>35</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>5</td>
<td>26</td>
<td>4</td>
<td>35</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>13</td>
<td>1</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>10</td>
<td>4</td>
<td>4</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>11</td>
<td>4</td>
<td>8</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>17</td>
<td>18</td>
<td>15</td>
<td>116</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double Degree in Aerospace Engineering and Economics (PI)</td>
<td>1</td>
<td>9</td>
<td>36/37</td>
<td>17</td>
<td>45</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>35</td>
<td>8</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>21</td>
<td>3</td>
<td>34</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>2</td>
<td>20</td>
<td>10</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>11</td>
<td>17</td>
<td>17</td>
<td>17</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>17</td>
<td>17</td>
<td>21</td>
<td>136</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace Engineering (PI)</td>
<td>1</td>
<td>3</td>
<td>24/25</td>
<td>9</td>
<td>0</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>29</td>
<td>8</td>
<td>0</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>12</td>
<td>10</td>
<td>22</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>2</td>
<td>20</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>11</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>17</td>
<td>15</td>
<td>18</td>
<td>0</td>
<td>33</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics</td>
<td>1</td>
<td>9</td>
<td>12</td>
<td>3</td>
<td>15</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>8</td>
<td>3</td>
<td>3</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>3</td>
<td>3</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>2</td>
<td>14</td>
<td>7</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>1</td>
<td>20</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>15</td>
<td>18</td>
<td>30</td>
<td>127</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double Degree in Business and Computer Engineering (with NBS Professional Attachment)</td>
<td>1</td>
<td>8</td>
<td>28</td>
<td>11</td>
<td>47</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>5</td>
<td>30</td>
<td>6</td>
<td>41</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>34</td>
<td>3</td>
<td>37</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>17</td>
<td>3</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>13</td>
<td>18</td>
<td>0</td>
<td>157</td>
<td></td>
</tr>
</tbody>
</table>

---

**Description**

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- ^ For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- ^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
## Summary of Academic Unit Requirements for Degree Programme at NTU

### For Year 1 Students Admitted in 2024-2025

### Double Degree Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td><strong>Individual Degree Requirements</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business (BA)</td>
<td>1</td>
<td>12</td>
<td>11</td>
<td>8</td>
<td></td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>16</td>
<td>6</td>
<td>5</td>
<td></td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>3</td>
<td></td>
<td>6</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td>6</td>
<td></td>
<td>12</td>
<td>32</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>48</td>
<td>9</td>
<td>17</td>
<td>13</td>
<td>18</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>1</td>
<td>16</td>
<td>11</td>
<td>8</td>
<td></td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>15</td>
<td>6</td>
<td>5</td>
<td>12</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>28</td>
<td>3</td>
<td></td>
<td>3</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>9</td>
<td></td>
<td>3</td>
<td>32</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>70</td>
<td>12</td>
<td>17</td>
<td>16</td>
<td>24</td>
</tr>
<tr>
<td>Double Degree in Business and Computer Science (with NBS Professional Attachment)</td>
<td>1</td>
<td>28</td>
<td>11</td>
<td>8</td>
<td></td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>33</td>
<td>6</td>
<td>5</td>
<td></td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>19</td>
<td>15</td>
<td></td>
<td></td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td>18</td>
<td></td>
<td></td>
<td>32</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>94</td>
<td>33</td>
<td>17</td>
<td>13</td>
<td>0</td>
</tr>
<tr>
<td>BCG</td>
<td>1</td>
<td>12</td>
<td>11</td>
<td>8</td>
<td></td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>16</td>
<td>6</td>
<td>5</td>
<td></td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>3</td>
<td></td>
<td>6</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td>6</td>
<td></td>
<td>12</td>
<td>32</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>48</td>
<td>9</td>
<td>17</td>
<td>13</td>
<td>18</td>
</tr>
<tr>
<td>Computer Science</td>
<td>1</td>
<td>16</td>
<td>11</td>
<td>8</td>
<td></td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>22</td>
<td>6</td>
<td>5</td>
<td>8</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>12</td>
<td></td>
<td>6</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>12</td>
<td></td>
<td>3</td>
<td>32</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>59</td>
<td>24</td>
<td>17</td>
<td>16</td>
<td>23</td>
</tr>
<tr>
<td>Double Degree in Bioengineering and Economics (PIª)</td>
<td>1</td>
<td>33/34ª</td>
<td>9</td>
<td></td>
<td></td>
<td>43</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>29</td>
<td>3</td>
<td></td>
<td>3</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>16</td>
<td>3</td>
<td></td>
<td>12</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>23</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>17</td>
<td></td>
<td></td>
<td>3</td>
<td>20</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>101/102ª</td>
<td>39</td>
<td>17</td>
<td>15</td>
<td>3</td>
</tr>
<tr>
<td>Bioengineering</td>
<td>1</td>
<td>21/22ª</td>
<td>9</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26</td>
<td>8</td>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>77/78ª</td>
<td>6</td>
<td>17</td>
<td>15</td>
<td>21</td>
</tr>
<tr>
<td>Economics</td>
<td>1</td>
<td>12</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td>13</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>32</td>
<td>33</td>
<td>17</td>
<td>15</td>
<td>30</td>
</tr>
</tbody>
</table>

### Description

- PI = Professional Internship, PA = Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- All of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
## Summary of Academic Unit Requirements for Degree Programme at NTU
### For Year 1 Students Admitted in 2024-2025

#### Double Degree Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundational Core</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Double Degree in Chemical & Biomolecular Engineering and Economics (PI*)

- **Year 1:** 36/37
- **Year 2:** 31
- **Year 3:** 20
- **Year 4:** 14
- **Year 5:** 14

<table>
<thead>
<tr>
<th>Year</th>
<th>Core</th>
<th>Major PE</th>
<th>Common Core</th>
<th>Foundational Core</th>
<th>Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>36</td>
<td>3</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>31</td>
<td></td>
<td>3</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>3</td>
<td>20</td>
<td></td>
<td>12</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>4</td>
<td>14</td>
<td>22</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td>17</td>
</tr>
</tbody>
</table>

**Total:** 101/102

### Individual Degree Requirements

#### Chemical & Biomolecular Engineering (PI*)

- **Year 1:** 24/25
- **Year 2:** 28
- **Year 3:** 17
- **Year 4:** 8
- **Year 5:** 6

<table>
<thead>
<tr>
<th>Year</th>
<th>Core</th>
<th>Major PE</th>
<th>Common Core</th>
<th>Foundational Core</th>
<th>Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>24</td>
<td></td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>25</td>
<td></td>
<td>8</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>17</td>
<td></td>
<td>8</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total:** 77/78

### Economics

- **Year 1:** 12
- **Year 2:** 3
- **Year 3:** 3
- **Year 4:** 14
- **Year 5:** 14

<table>
<thead>
<tr>
<th>Year</th>
<th>Core</th>
<th>Major PE</th>
<th>Common Core</th>
<th>Foundational Core</th>
<th>Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>12</td>
<td></td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td></td>
<td>8</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>4</td>
<td>14</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total:** 32

### Double Degree in Civil Engineering and Economics (PI*)

- **Year 1:** 34/35
- **Year 2:** 24
- **Year 3:** 17
- **Year 4:** 18
- **Year 5:** 8

<table>
<thead>
<tr>
<th>Year</th>
<th>Core</th>
<th>Major PE</th>
<th>Common Core</th>
<th>Foundational Core</th>
<th>Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>34</td>
<td></td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>35</td>
<td></td>
<td>8</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>17</td>
<td></td>
<td>12</td>
<td></td>
<td>29</td>
</tr>
<tr>
<td>4</td>
<td>18</td>
<td>15</td>
<td></td>
<td></td>
<td>33</td>
</tr>
<tr>
<td>5</td>
<td>8</td>
<td>18</td>
<td></td>
<td></td>
<td>29</td>
</tr>
</tbody>
</table>

**Total:** 101/102

### Individual Degree Requirements

#### Civil Engineering (PI*)

- **Year 1:** 28/29
- **Year 2:** 21
- **Year 3:** 11
- **Year 4:** 12
- **Year 5:** 8

<table>
<thead>
<tr>
<th>Year</th>
<th>Core</th>
<th>Major PE</th>
<th>Common Core</th>
<th>Foundational Core</th>
<th>Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>28</td>
<td></td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>29</td>
<td></td>
<td>8</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>11</td>
<td></td>
<td>12</td>
<td></td>
<td>26</td>
</tr>
<tr>
<td>4</td>
<td>12</td>
<td>3</td>
<td></td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>5</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td>11</td>
</tr>
</tbody>
</table>

**Total:** 80/81

### Economics

- **Year 1:** 6
- **Year 2:** 6
- **Year 3:** 6
- **Year 4:** 6
- **Year 5:** 8

<table>
<thead>
<tr>
<th>Year</th>
<th>Core</th>
<th>Major PE</th>
<th>Common Core</th>
<th>Foundational Core</th>
<th>Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6</td>
<td></td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6</td>
<td>3</td>
<td>8</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td></td>
<td>12</td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>4</td>
<td>6</td>
<td>12</td>
<td></td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>5</td>
<td>8</td>
<td>18</td>
<td></td>
<td></td>
<td>26</td>
</tr>
</tbody>
</table>

**Total:** 32

### Note

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School's website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Description**

* PI – Professional internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
* For students without ‘X’ Level Physics and who need to read PH1012 Physics A (4 AUs).
* The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
* AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
## Double Degree Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Double Degree in Computer Engineering and Economics</strong> (PI@)</td>
<td>1</td>
<td>28/33</td>
<td>9</td>
<td>8</td>
<td>2</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3/12</td>
<td></td>
<td></td>
<td></td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8/24</td>
<td></td>
<td></td>
<td></td>
<td>35</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>94/45</td>
<td>17</td>
<td>15</td>
<td>3</td>
<td>174</td>
</tr>
</tbody>
</table>

### Individual Degree Requirements

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Computer Engineering</strong> (PI@)</td>
<td>1</td>
<td>19/21</td>
<td>9</td>
<td>8</td>
<td>2</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>19/3</td>
<td></td>
<td></td>
<td></td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3/6</td>
<td></td>
<td></td>
<td>3</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8/3</td>
<td></td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>70/12</td>
<td>17</td>
<td>15</td>
<td>21</td>
<td>135</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Economics</strong></td>
<td>1</td>
<td>9/12</td>
<td>9</td>
<td>8</td>
<td>3</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3/12</td>
<td></td>
<td></td>
<td></td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8/21</td>
<td></td>
<td></td>
<td></td>
<td>29</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>82/57</td>
<td>17</td>
<td>15</td>
<td>3</td>
<td>174</td>
</tr>
</tbody>
</table>

### Individual Degree Requirements

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Computer Science</strong> (PI@)</td>
<td>1</td>
<td>19/21</td>
<td>9</td>
<td>8</td>
<td>2</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10/12</td>
<td></td>
<td></td>
<td></td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8/6</td>
<td></td>
<td></td>
<td></td>
<td>17</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>58/24</td>
<td>17</td>
<td>15</td>
<td>21</td>
<td>135</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Economics</strong></td>
<td>1</td>
<td>9/12</td>
<td>9</td>
<td>8</td>
<td>3</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3/6</td>
<td></td>
<td></td>
<td>12</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8/21</td>
<td></td>
<td></td>
<td></td>
<td>29</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>32/33</td>
<td>17</td>
<td>15</td>
<td>3</td>
<td>127</td>
</tr>
</tbody>
</table>

### Double Degree in Environmental Engineering and Economics (PI@)

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Double Degree in Environmental Engineering and Economics</strong> (PI@)</td>
<td>1</td>
<td>32/33</td>
<td>9</td>
<td>12/18</td>
<td>3</td>
<td>41/42</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>26/3</td>
<td></td>
<td></td>
<td></td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18/12</td>
<td></td>
<td></td>
<td></td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>17/15</td>
<td></td>
<td></td>
<td></td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8/18</td>
<td></td>
<td></td>
<td></td>
<td>29</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>101/102</td>
<td>17</td>
<td>15</td>
<td>3</td>
<td>172/173</td>
</tr>
</tbody>
</table>

---

**Description**

- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- ^ For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- ^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025

### Double Degree Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE Common Core</td>
<td>Foundational Core</td>
<td></td>
</tr>
<tr>
<td>Environmental Engineering (P^n)</td>
<td>1</td>
<td>26/27</td>
<td>9</td>
<td>6</td>
<td>41/42</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>8</td>
<td>3</td>
<td>6</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>11</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8</td>
<td>3</td>
<td>3</td>
<td>11</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>80/81</td>
<td>3</td>
<td>17</td>
<td>15</td>
<td>21</td>
</tr>
<tr>
<td>Economics</td>
<td>1</td>
<td>5</td>
<td>9</td>
<td>12</td>
<td>27</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>6</td>
<td>8</td>
<td>3</td>
<td>18</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>6</td>
<td>12</td>
<td>18</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>6</td>
<td>12</td>
<td>18</td>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8</td>
<td>18</td>
<td>26</td>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>32</td>
<td>33</td>
<td>17</td>
<td>15</td>
<td>30</td>
</tr>
<tr>
<td>Double Degree in Electrical &amp; Electronic Engineering and Economics (P^n)</td>
<td>1</td>
<td>28</td>
<td>3</td>
<td>9</td>
<td>40</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>30</td>
<td>8</td>
<td>3</td>
<td>38</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>17</td>
<td>16</td>
<td>3</td>
<td>36</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
<td>13</td>
<td>12</td>
<td>28</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8</td>
<td>22</td>
<td>3</td>
<td>33</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>86</td>
<td>54</td>
<td>17</td>
<td>15</td>
<td>3</td>
</tr>
<tr>
<td>Electrical &amp; Electronic Engineering (P^n)</td>
<td>1</td>
<td>16</td>
<td>9</td>
<td>10</td>
<td>26</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>18</td>
<td>8</td>
<td>3</td>
<td>21</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>17</td>
<td>6</td>
<td>3</td>
<td>23</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>12</td>
<td>18</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8</td>
<td>12</td>
<td>26</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>62</td>
<td>21</td>
<td>17</td>
<td>15</td>
<td>21</td>
</tr>
<tr>
<td>Economics</td>
<td>1</td>
<td>12</td>
<td>3</td>
<td>9</td>
<td>21</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>8</td>
<td>0</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>3</td>
<td>13</td>
<td>28</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>10</td>
<td>12</td>
<td>22</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8</td>
<td>10</td>
<td>28</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>32</td>
<td>33</td>
<td>17</td>
<td>15</td>
<td>30</td>
</tr>
<tr>
<td>Double Degree in Information Engineering &amp; Media and Economics (P^n)</td>
<td>1</td>
<td>29</td>
<td>3</td>
<td>9</td>
<td>41</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>29</td>
<td>8</td>
<td>3</td>
<td>40</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>19</td>
<td>3</td>
<td>37</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
<td>13</td>
<td>12</td>
<td>28</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8</td>
<td>22</td>
<td>3</td>
<td>30</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>87</td>
<td>57</td>
<td>17</td>
<td>15</td>
<td>0</td>
</tr>
<tr>
<td>Information Engineering &amp; Media (P^n)</td>
<td>1</td>
<td>17</td>
<td>9</td>
<td>10</td>
<td>26</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>17</td>
<td>8</td>
<td>3</td>
<td>22</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>9</td>
<td>12</td>
<td>30</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>12</td>
<td>18</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8</td>
<td>12</td>
<td>26</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>63</td>
<td>24</td>
<td>17</td>
<td>15</td>
<td>18</td>
</tr>
</tbody>
</table>

Description:
- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- * For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- All of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.
- Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

Last updated on 10 July 2024
Page 37 of 47
## Summary of Academic Unit Requirements for Degree Programme at NTU
### For Year 1 Students Admitted in 2024-2025

#### Double Degree Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundation Core</td>
</tr>
<tr>
<td>Economics</td>
<td>1</td>
<td>15</td>
<td>9</td>
<td>8</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>8</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>10</td>
<td>3</td>
<td>10</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8</td>
<td>10</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>35</td>
<td>30</td>
<td>17</td>
<td>15</td>
</tr>
</tbody>
</table>

**Double Degree in Materials Engineering and Economics (P(II)**

<table>
<thead>
<tr>
<th></th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundation Core</td>
</tr>
<tr>
<td>Economics</td>
<td>1</td>
<td>29/29*</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>34</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>5</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8</td>
<td>23</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>99/100*</td>
<td>44</td>
<td>17</td>
</tr>
</tbody>
</table>

**Individual Degree Requirements**

<table>
<thead>
<tr>
<th>Programme</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics</td>
<td>1</td>
<td>16/17*</td>
<td>9</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>18</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>28</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>5</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8</td>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>75/76*</td>
<td>11</td>
<td>18</td>
</tr>
</tbody>
</table>

**Double Degree in Mechanical Engineering and Economics (P(I)**

<table>
<thead>
<tr>
<th></th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundation Core</td>
</tr>
<tr>
<td>Economics</td>
<td>1</td>
<td>36/37*</td>
<td>9</td>
<td>45/46*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>33</td>
<td>8</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>19</td>
<td>3</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>18</td>
<td>13</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>20</td>
<td>2</td>
<td>20</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>106/107*</td>
<td>36</td>
<td>15</td>
</tr>
</tbody>
</table>

**Individual Degree Requirements**

<table>
<thead>
<tr>
<th>Programme</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical Engineering (Mainstream)</td>
<td>1</td>
<td>24/25*</td>
<td>9</td>
<td>79/80*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>27</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>16</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>12</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>79/80*</td>
<td>6</td>
<td>18</td>
</tr>
</tbody>
</table>

**Economics**

<table>
<thead>
<tr>
<th></th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Common Core</td>
<td>Foundation Core</td>
</tr>
<tr>
<td>Economics</td>
<td>1</td>
<td>12</td>
<td>9</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td>2</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>20</td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>32</td>
<td>33</td>
<td>127</td>
</tr>
</tbody>
</table>

**Notes:**
- **PI** – Professional Internship; **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- All courses of the Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

*Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.*
Summary of Academic Unit Requirements for Degree Programme at NTU
For Year 1 Students Admitted in 2024-2025

Integrated Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Foundational Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renaissance Engineering Programme (UG)</td>
<td>1</td>
<td>31</td>
<td>0</td>
<td>10</td>
<td>0</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>11</td>
<td>18</td>
<td>6</td>
<td>15</td>
<td>43</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>12</td>
<td>3</td>
<td>5</td>
<td>3</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>0</td>
<td>3</td>
<td>2</td>
<td>20</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>56</td>
<td>33</td>
<td>18</td>
<td>11</td>
<td>136</td>
</tr>
<tr>
<td>Renaissance Engineering Programme (UG) with Second major in Entrepreneurship^</td>
<td>1</td>
<td>31</td>
<td>10</td>
<td>6</td>
<td>47</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>11</td>
<td>18</td>
<td>6</td>
<td>6</td>
<td>49</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>0</td>
<td>3</td>
<td>13</td>
<td>30</td>
</tr>
</tbody>
</table>

Note:

- UG – Undergraduate Component
- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- All courses that could be used to fulfill Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
### Summary of Academic Unit Requirements for Degree Programme at NTU
**For Year 1 Students Admitted in 2024-2025**

#### University Scholars Programme (USP)

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>USP Requirement</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Major PE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accountancy (Group B)</td>
<td>1</td>
<td>24</td>
<td>12</td>
<td>4</td>
<td>8</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>19</td>
<td>6</td>
<td>3</td>
<td>5</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>23</td>
<td></td>
<td></td>
<td>7</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>66</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>111</td>
</tr>
<tr>
<td>Accountancy with Second major in Entrepreneurship</td>
<td>1</td>
<td>24</td>
<td>12</td>
<td>4</td>
<td>8</td>
<td>54</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>19</td>
<td>6</td>
<td>3</td>
<td>5</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>23</td>
<td></td>
<td></td>
<td>18</td>
<td>41</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>66</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>134</td>
</tr>
<tr>
<td>Aerospace Engineering (PI&lt;sup&gt;®&lt;/sup&gt;)</td>
<td>1</td>
<td>24/25*</td>
<td>12</td>
<td>2</td>
<td>10</td>
<td>38/39*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>29</td>
<td>12</td>
<td>5</td>
<td>3</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td></td>
<td></td>
<td>6</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>85/86*</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>135/136*</td>
</tr>
<tr>
<td><strong>USP Core</strong></td>
<td></td>
<td>36</td>
<td>12</td>
<td>7</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td><strong>USP PE</strong></td>
<td></td>
<td>39</td>
<td>12</td>
<td>7</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td><strong>Interdisciplinary Collaborative Core</strong></td>
<td></td>
<td>39</td>
<td>12</td>
<td>7</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td><strong>Foundational Core</strong></td>
<td></td>
<td>39</td>
<td>12</td>
<td>7</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>77/78*</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>9</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>136/137*</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>15</td>
</tr>
<tr>
<td><strong>Business</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>· Actuarial Science</td>
<td>1</td>
<td>22</td>
<td>12</td>
<td>4</td>
<td>8</td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>22</td>
<td>6</td>
<td>3</td>
<td>5</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>22</td>
<td></td>
<td></td>
<td>7</td>
<td>29</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>66</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>7</td>
</tr>
<tr>
<td>· Banking &amp; Finance</td>
<td>1</td>
<td>22</td>
<td>12</td>
<td>4</td>
<td>8</td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>13</td>
<td>6</td>
<td>3</td>
<td>5</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td></td>
<td></td>
<td>10</td>
<td>22</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>38</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>10</td>
</tr>
<tr>
<td>· Business Analytics</td>
<td>1</td>
<td>22</td>
<td>12</td>
<td>4</td>
<td>8</td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>21</td>
<td>12</td>
<td>3</td>
<td>5</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>6</td>
<td></td>
<td>10</td>
<td>19</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>46</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>10</td>
</tr>
</tbody>
</table>

---

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

---

**Description:**
- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- * For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- ** The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfill two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfill Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

*Last updated on 10 July 2024*
<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>USP Requirement</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>Core</td>
<td>USP Core</td>
<td>USP PE</td>
</tr>
<tr>
<td>Human Resource Consulting</td>
<td>1</td>
<td></td>
<td>22</td>
<td></td>
<td>12</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>9</td>
<td>12</td>
<td>12</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>3</td>
<td>9</td>
<td>6</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>34</strong></td>
<td></td>
<td><strong>22</strong></td>
<td><strong>12</strong></td>
<td><strong>12</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Marketing</td>
<td>1</td>
<td></td>
<td>22</td>
<td></td>
<td>12</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>21</td>
<td></td>
<td>12</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>3</td>
<td>9</td>
<td>6</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>46</strong></td>
<td></td>
<td><strong>9</strong></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Risk Analytics</td>
<td>1</td>
<td></td>
<td>22</td>
<td></td>
<td>12</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>21</td>
<td></td>
<td>12</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>9</td>
<td>3</td>
<td>6</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>52</strong></td>
<td></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Business with Second major in</td>
<td></td>
<td></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Actuarial Science</td>
<td>1</td>
<td></td>
<td>22</td>
<td></td>
<td>12</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>22</td>
<td></td>
<td>12</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>3</td>
<td>9</td>
<td>6</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>66</strong></td>
<td></td>
<td><strong>22</strong></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Business with Second major in</td>
<td></td>
<td></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Entrepreneurship (Banking &amp; Finance)</td>
<td>1</td>
<td></td>
<td>22</td>
<td></td>
<td>12</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>21</td>
<td></td>
<td>12</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>3</td>
<td>9</td>
<td>6</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>38</strong></td>
<td></td>
<td><strong>18</strong></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Business with Second major in</td>
<td></td>
<td></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Entrepreneurship (Business Analytics)</td>
<td>1</td>
<td></td>
<td>22</td>
<td></td>
<td>12</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>21</td>
<td></td>
<td>12</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>3</td>
<td>9</td>
<td>6</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>34</strong></td>
<td></td>
<td><strong>21</strong></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Business with Second major in</td>
<td></td>
<td></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Entrepreneurship (Marketing)</td>
<td>1</td>
<td></td>
<td>22</td>
<td></td>
<td>12</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>21</td>
<td></td>
<td>12</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>3</td>
<td>9</td>
<td>6</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>46</strong></td>
<td></td>
<td><strong>9</strong></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Business with Second major in</td>
<td></td>
<td></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Risk Analytics</td>
<td>1</td>
<td></td>
<td>22</td>
<td></td>
<td>12</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>21</td>
<td></td>
<td>12</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>9</td>
<td>3</td>
<td>6</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>52</strong></td>
<td></td>
<td><strong>3</strong></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>Chemical &amp; Biomedical Engineering (PB)</td>
<td>1</td>
<td></td>
<td>24</td>
<td></td>
<td>12</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td>28</td>
<td></td>
<td>12</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>17</td>
<td></td>
<td>12</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td>8</td>
<td>6</td>
<td>9</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>77/78</strong></td>
<td></td>
<td><strong>6</strong></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>4</strong></td>
<td><strong>8</strong></td>
</tr>
</tbody>
</table>

**Description**

- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- + For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).
- ^ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
### Summary of Academic Unit Requirements for Degree Programme at NTU

**University Scholars Programme (USP)**

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
<th>Major Requirements</th>
<th>USP Requirement</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry &amp; Biological Chemistry</td>
<td>Total</td>
<td>56/57*</td>
<td>12</td>
<td>12</td>
<td>7</td>
<td>20</td>
<td>132/133*</td>
</tr>
<tr>
<td>Chinese</td>
<td></td>
<td>1</td>
<td>15</td>
<td>3</td>
<td>12</td>
<td></td>
<td>33</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>9</td>
<td>9</td>
<td>3</td>
<td>7</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>17</td>
<td>6</td>
<td>6</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>16</td>
<td>3</td>
<td>3</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>24</td>
<td>45</td>
<td>12</td>
<td>12</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>Civil Engineering (PI)</td>
<td></td>
<td>1</td>
<td>28/29</td>
<td>12</td>
<td>2</td>
<td></td>
<td>42/43</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>24</td>
<td>3</td>
<td>5</td>
<td>3</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>11</td>
<td>3</td>
<td>10</td>
<td>3</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>17</td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>32</td>
</tr>
<tr>
<td>Total</td>
<td>80/81*</td>
<td>3</td>
<td>12</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>9</td>
</tr>
<tr>
<td>Communication Studies</td>
<td></td>
<td>1</td>
<td>12</td>
<td>12</td>
<td>5</td>
<td></td>
<td>32</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>16</td>
<td>6</td>
<td>2</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>13</td>
<td>3</td>
<td>11</td>
<td>4</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>8</td>
<td>12</td>
<td>3</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Total</td>
<td>20</td>
<td>41</td>
<td>12</td>
<td>12</td>
<td>7</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td>Communication Studies with Second Major in Governance and International Relations</td>
<td></td>
<td>1</td>
<td>12</td>
<td>12</td>
<td>2</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>15</td>
<td>3</td>
<td>5</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>14</td>
<td>6</td>
<td>11</td>
<td>3</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>8</td>
<td>12</td>
<td>3</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>20</td>
<td>41</td>
<td>12</td>
<td>12</td>
<td>7</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td>Computer Engineering (PI)</td>
<td></td>
<td>1</td>
<td>23</td>
<td>12</td>
<td>2</td>
<td></td>
<td>40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>23</td>
<td>6</td>
<td>5</td>
<td></td>
<td>34</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>13</td>
<td>6</td>
<td>10</td>
<td></td>
<td>29</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>11</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>70</td>
<td>12</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>9</td>
<td>135</td>
</tr>
<tr>
<td>Computer Science (PI)</td>
<td></td>
<td>1</td>
<td>23</td>
<td>12</td>
<td>2</td>
<td></td>
<td>40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>23</td>
<td>6</td>
<td>5</td>
<td></td>
<td>34</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>4</td>
<td>9</td>
<td>6</td>
<td></td>
<td>29</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>8</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>58</td>
<td>24</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>9</td>
<td>135</td>
</tr>
<tr>
<td>Data Science and Artificial Intelligence</td>
<td>Total</td>
<td>60</td>
<td>18</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>9</td>
</tr>
<tr>
<td>Economics</td>
<td>Total</td>
<td>27</td>
<td>41</td>
<td>12</td>
<td>7</td>
<td>8</td>
<td>18</td>
</tr>
<tr>
<td>Economics and Data Sciences</td>
<td></td>
<td>1</td>
<td>25</td>
<td>12</td>
<td>2</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>25</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>7</td>
<td>26</td>
<td>3</td>
<td>5</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>16</td>
<td>3</td>
<td></td>
<td></td>
<td>19</td>
</tr>
<tr>
<td>Total</td>
<td>57</td>
<td>45</td>
<td>12</td>
<td>6</td>
<td>7</td>
<td>13</td>
<td>0</td>
</tr>
<tr>
<td>Artificial Intelligence (AI) &amp; Society</td>
<td></td>
<td>1</td>
<td>18</td>
<td>0</td>
<td>12</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>18</td>
<td>0</td>
<td>0</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>10</td>
<td>6</td>
<td>0</td>
<td>10</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>11</td>
<td>18</td>
<td>3</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>57</td>
<td>24</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>6</td>
<td>131</td>
</tr>
</tbody>
</table>

**Description**

- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- * For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- † The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfill two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfill Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
### Summary of Academic Unit Requirements for Degree Programme at NTU

**For Year 1 Students Admitted in 2024-2025**

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>USP Requirement</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Earth Systems Science (Ecology)</td>
<td>1</td>
<td>22/23*</td>
<td>12</td>
<td>2</td>
<td>3</td>
<td>39/40*</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>23</td>
<td>6</td>
<td>5</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>9</td>
<td>6</td>
<td>3</td>
<td>10</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>15</td>
<td>3</td>
<td>3</td>
<td>29</td>
</tr>
<tr>
<td>Total</td>
<td>62/63*</td>
<td>21</td>
<td>12</td>
<td>7</td>
<td>13</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>136/137*</td>
</tr>
<tr>
<td>English</td>
<td></td>
<td>18</td>
<td>51</td>
<td>12</td>
<td>12</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>125</td>
</tr>
<tr>
<td>Environmental Earth Systems Science (Geosciences)</td>
<td></td>
<td>18</td>
<td>18</td>
<td>12</td>
<td>7</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>128</td>
</tr>
<tr>
<td>Environmental Earth Systems Science (Society and the Earth System)</td>
<td></td>
<td>25</td>
<td>12</td>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>135</td>
</tr>
<tr>
<td>Environmental Engineering (PI*)</td>
<td></td>
<td>21</td>
<td>21</td>
<td>12</td>
<td>7</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>135</td>
</tr>
<tr>
<td>Information Engineering &amp; Media (PI*)</td>
<td></td>
<td>26/27*</td>
<td>12</td>
<td>7</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>136/137*</td>
</tr>
<tr>
<td>Linguistics &amp; Multilingual Studies</td>
<td></td>
<td>21</td>
<td>48</td>
<td>12</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>128</td>
</tr>
<tr>
<td>Maritime Studies</td>
<td></td>
<td>28</td>
<td>12</td>
<td>7</td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>128</td>
</tr>
<tr>
<td>Materials Engineering (PI*)</td>
<td></td>
<td>25/26*</td>
<td>12</td>
<td>7</td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>136/137*</td>
</tr>
<tr>
<td>Mathematical Sciences – Applied Mathematics</td>
<td></td>
<td>52</td>
<td>24</td>
<td>12</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>129</td>
</tr>
</tbody>
</table>

**Summary:**

- **Major Requirements:** Core, Major PE
- **USP Requirement:** USP Core, USP PE
- **Interdisciplinary Collaborative Core:**
- **Broadening & Deepening Electives:**
- **Total Academic Units (AUs):**

**Description:**

- **PI:** Professional Internship, **PA:** Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- **For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).**
- **^:** The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- **[]:** AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.

*Last updated on 10 July 2024*
## Summary of Academic Unit Requirements for Degree Programme at NTU

### For Year 1 Students Admitted in 2024-2025

#### University Scholars Programme (USP)

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Number of Academic Units (AUs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Major Requirements</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Core</td>
</tr>
<tr>
<td>Mathematical Sciences – Business Analytics</td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Mathematical Sciences – Pure Mathematics</td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Mathematical Sciences – Statistics</td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Mechanical Engineering (PI)³⁺</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Philosophy, Politics and Economics</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Philosophy</td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Physics &amp; Applied Physics – Physics</td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Physics &amp; Applied Physics – Applied Physics</td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Psychology</td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Psychology with Second Major (Offered by CoHass)</td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Psychology with Second Major in Biological Sciences</td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Public Policy and Global Affairs</td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td>Sociology with Second Major (Offered by CoHass)</td>
<td></td>
<td>Total</td>
</tr>
</tbody>
</table>

### Description

³ PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.

⁺ For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).

⁺⁺ The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfill two requirements concurrently. Refer to website for more details.

[ ] AU of courses that could be used to fulfill Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

Note: This summary is subject to changes without notice. As each student's programme requirements differs, students should approach their School's Programme Advisors to understand the requirements where necessary.

---

Last updated on 10 July 2024
### Double Major-USP Programme

<table>
<thead>
<tr>
<th>Programme</th>
<th>Number of Academic Units (AUs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Major</td>
</tr>
<tr>
<td></td>
<td>Core</td>
</tr>
<tr>
<td>Chinese and English</td>
<td>24</td>
</tr>
<tr>
<td>Chinese and Linguistics &amp; Multilingual Studies</td>
<td>24</td>
</tr>
<tr>
<td>Economics and Media Analytics</td>
<td>24</td>
</tr>
<tr>
<td>Economics and Psychology</td>
<td>24</td>
</tr>
<tr>
<td>Economics and Public Policy &amp; Global Affairs</td>
<td>24</td>
</tr>
<tr>
<td>English and History</td>
<td>24</td>
</tr>
<tr>
<td>English and Philosophy</td>
<td>24</td>
</tr>
<tr>
<td>English Literature and Art History</td>
<td>24</td>
</tr>
<tr>
<td>History and Chinese</td>
<td>24</td>
</tr>
<tr>
<td>History and Linguistics &amp; Multilingual Studies</td>
<td>24</td>
</tr>
<tr>
<td>Linguistics &amp; Multilingual Studies and English</td>
<td>24</td>
</tr>
<tr>
<td>Linguistics &amp; Multilingual Studies and Philosophy</td>
<td>24</td>
</tr>
<tr>
<td>Philosophy and Chinese</td>
<td>24</td>
</tr>
<tr>
<td>Philosophy and History</td>
<td>24</td>
</tr>
<tr>
<td>Psychology and Linguistics &amp; Multilingual Studies</td>
<td>24</td>
</tr>
<tr>
<td>Psychology and Media Analytics</td>
<td>24</td>
</tr>
</tbody>
</table>

**Description**

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfill two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfill Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
### Double Degree in Accountancy and Business (Group B)

<table>
<thead>
<tr>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>USP Requirement</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>USP Core</td>
<td>USP PE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Common Core</td>
<td>Foundational Core</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>27</td>
<td>12</td>
<td>4</td>
<td>8</td>
<td>51</td>
</tr>
<tr>
<td>2</td>
<td>28</td>
<td>3</td>
<td>4</td>
<td>1</td>
<td>32</td>
</tr>
<tr>
<td>3</td>
<td>22</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>35</td>
</tr>
<tr>
<td>4</td>
<td>27</td>
<td></td>
<td>4</td>
<td>3</td>
<td>31</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>104</strong></td>
<td><strong>0</strong></td>
<td><strong>12</strong></td>
<td><strong>7</strong></td>
<td><strong>149</strong></td>
</tr>
</tbody>
</table>

- Actuarial Science
- Banking & Finance
- Business Analytics
- Human Resource Consulting
- Marketing
- Risk Analytics

### Double Degree in Accountancy and Business with Second major in Entrepreneurship (Group B)

<table>
<thead>
<tr>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>USP Requirement</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Core</td>
<td>Major PE</td>
<td>USP Core</td>
<td>USP PE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Common Core</td>
<td>Foundational Core</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>27</td>
<td>12</td>
<td>4</td>
<td>8</td>
<td>57</td>
</tr>
<tr>
<td>2</td>
<td>28</td>
<td>3</td>
<td>4</td>
<td>1</td>
<td>38</td>
</tr>
<tr>
<td>3</td>
<td>22</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>41</td>
</tr>
<tr>
<td>4</td>
<td>27</td>
<td></td>
<td>4</td>
<td>9</td>
<td>36</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>104</strong></td>
<td><strong>0</strong></td>
<td><strong>12</strong></td>
<td><strong>6</strong></td>
<td><strong>172</strong></td>
</tr>
</tbody>
</table>

- Actuarial Science
- Banking & Finance

---

**Description:**
- PI – Professional Internship, PA – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- All of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisors to understand the requirements where necessary.
### Summary of Academic Unit Requirements for Degree Programme at NTU

**For Year 1 Students Admitted in 2024-2025**

#### Double Degree-USP Programme

<table>
<thead>
<tr>
<th>Programme</th>
<th>Year of Study</th>
<th>Major Requirements</th>
<th>USP Requirement</th>
<th>Interdisciplinary Collaborative Core</th>
<th>Broadening &amp; Deepening Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Analytics</td>
<td>1</td>
<td>27</td>
<td>12</td>
<td>4</td>
<td>8</td>
<td>57</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td></td>
<td>3</td>
<td>3</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>6</td>
<td>4</td>
<td>9</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>84</td>
<td>12</td>
<td>6</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>Human Resource Consulting</td>
<td>1</td>
<td>27</td>
<td>12</td>
<td>4</td>
<td>8</td>
<td>57</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>12</td>
<td>9</td>
<td>3</td>
<td>3</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>18</td>
<td>6</td>
<td>3</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>6</td>
<td></td>
<td>9</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>72</td>
<td>12</td>
<td>6</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>Marketing</td>
<td>1</td>
<td>27</td>
<td>12</td>
<td>4</td>
<td>8</td>
<td>57</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>18</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>21</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>18</td>
<td>3</td>
<td></td>
<td>9</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>84</td>
<td>12</td>
<td>6</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>Risk Analytics</td>
<td>1</td>
<td>27</td>
<td>12</td>
<td>4</td>
<td>8</td>
<td>57</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>24</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>24</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>15</td>
<td>3</td>
<td></td>
<td>9</td>
<td>27</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>90</td>
<td>3</td>
<td>12</td>
<td>6</td>
<td>7</td>
</tr>
</tbody>
</table>

**Description**

- **PI** – Professional Internship, **PA** – Professional Attachment (for Engineering Programmes). Refer to School’s website for AU requirement of other attachment option.
- For students without ‘A’ Level Physics and who need to read PH1012 Physics A (4 AUs).
- The AU requirement for the programme with second major is based on the assumption that students select the maximum number of courses which could be used to fulfil two requirements concurrently. Refer to website for more details.
- [ ] AU of courses that could be used to fulfil Core/Major PE requirement and second major requirement concurrently. Students from the School of Humanities may read any of the Core/Major PE courses that are listed in both your first major and second major. Please consult your School for further advice.

**Note:** This summary is subject to changes without notice. As each student’s programme requirements differs, students should approach their School’s Programme Advisers to understand the requirements where necessary.

Last updated on 10 July 2024