## AU Requirement Table

<table>
<thead>
<tr>
<th>STUDY YEAR</th>
<th>MAJOR REQUIREMENTS</th>
<th>GENERAL EDUCATION REQUIREMENTS (GER)</th>
<th>TOTAL</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>CORE (C)</td>
<td>MAJOR PRESCRIBED ELECTIVE (PE)</td>
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<td></td>
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<td>GER-CORE (GC)</td>
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<td>UNRESTRICTED ELECTIVES (UE)</td>
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<td>LIBERAL ARTS (LA)</td>
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<td>TOTAL</td>
<td>83/84*</td>
<td>19</td>
<td>138/139*</td>
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### Curriculum Structure

**YEAR 1 SEMESTER 1**
- **EE1008** Computing (C 3)
- **FE1073** An Intro to Engrg & Practices (C 1)
- **MH1810** Mathematics I (C 3)
- **PH1011** Physics (C 3)
- **HW0188** Engineering Communications I (GC 2)
- **GCO001** Sustainablity: Seeing Through the Haze (GC 1)
- **GER PRESCRIBED ELECTIVE** (GP 3)

**YEAR 1 SEMESTER 2**
- **EE1002** Physics Foundation for EEE (C 4)
- **EE1003** Intro. to Materials for Electronics (C 3)
- **EE1071** EEE Laboratory I (C 1)
- **MH1811** Mathematics II (C 3)
- **ML0001** Absolute Basics for Career (GC 1)
- **GER PRESCRIBED ELECTIVE** (GP 3)
- **UNRESTRICTED ELECTIVE** (UE 3)

**YEAR 2 SEMESTER 1**
- **EE2001** Circuit Analysis (C 4)
- **EE2004** Digital Electronics (C 4)
- **EE2006** Engineering Mathematics I (C 4)
- **EE2008** Data Structures & Algorithms (C 4)
- **HY0001** Ethics and Moral Reasoning (GC 1)
- **UNRESTRICTED ELECTIVE** (UE 3)

**YEAR 2 SEMESTER 2**
- **EE2002** Analog Electronics (C 4)
- **EE2003** Semiconductor Fundamentals (C 4)
- **EE2007** Engineering Mathematics II (C 4)
- **EE2010** Signals and Systems (C 4)
- **EE2073** Intro. to EEE Design & Project (C 2)
- **EE0002** Engineers & Society (GC 3)

**YEAR 3 SEMESTER 1**
- **EE3001** Engineering Electromagnetics (C 4)
- **EE3002** Microprocessor (C 4)
- **EE3080** Design & Innovation Project (C 2)
- **EE3XXX** Prescribed Elective 1 (P 3)
- **EE3XXX** Prescribed Elective 2 (P 3)
- **ET0001** Enterprise & Innovation (GC 1)
- **HW0288** Engineering Communications II (GC 2)

**YEAR 3 SEMESTER 2**
- **EE3279** Professional Internship (ML 10)
- **ML0002** Career Power Up (GC 1)

**YEAR 4 SEMESTER 1**
- **EE4080** Final Year Project (C 4)
- **EE4XXX** Design Elective 1 (P 2)
- **EE4XXX** Technical Elective 1 (P 3)
- **EE4XXX** Technical Elective 2 (P 3)
- **UNRESTRICTED ELECTIVE** (UE 3)
- **GER PRESCRIBED ELECTIVE** (GP 3)

**YEAR 4 SEMESTER 2**
- **EE4080** Final Year Project (C 4)
- **EE4XXX** Design Elective 2 (P 2)
- **EE4XXX** Technical Elective 3 (P 3)
- **UNRESTRICTED ELECTIVE** (UE 3)

**NOTE:**
- * Students without A-level Physics will read PH1012 Physics A (4 AU’s).
- # Students must register its corresponding laboratory code (ExxxxL).
- + Professional Internship (PI) can be taken in either Year 3 Sem. 1 or 2.

The Overseas Entrepreneurship Programme (OEP) gives entrepreneurially-inclined NTU students the opportunity for a 1-year internship in a start-up company in a vibrant entrepreneurial ecosystem and study at a partner university. It is a one-year programme, consisting of 20 AUs which will be categorised under Core. These 20 AUs will consist of the 10 AUs for Professional Internship, and another 10 AUs from Unrestricted Electives. Successful OEP students will have their degree requirements adjusted to facilitate the credit transfer of 20 Core AUs for OEP. This is reflected in the table below.

### AU Requirement Table (OEP)

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This table provides the breakdown of AUs required for each study year, including major requirements, general education requirements (GER), and unrestricted electives. The total AU requirements are adjusted to facilitate credit transfer for OEP students.