This checklist is for students who commences TELEAS8621 from 2019 onwards. “Courses exemption” or “credit transfer” from other institutions are **NOT** allowed in this program. Students have to complete 17 courses with a total of 96uoc, normally over the 2-year period, from the following list:

| Six Disciplinary Electives | Elec4621 (Advanced Digital Signal Processing)  
|                           | Tele4642 (Network Performance)  
|                           | Tele4651 (Wireless Communication Technologies)  
|                           | Tele4652 (Mobile & Satellite Communications Systems)  
|                           | Tele4653 (Digital Modulation and Coding)  
|                           | Phtn4661 (Optical Circuits and Fibres)  
|                           | Phtn4662 (Photonic Networks)  
| Five Advanced Disciplinary Electives | Elec9725 (Satellite Navigation: Systems, Signals & Receivers)  
|                           | Elec9762 (Space Mission Development)  
|                           | Elec9764 (The Ground Segment & Space Operations)  
|                           | Tele9751 (Switching Systems Architecture)  
|                           | Tele9752 (Network Operations and Control)  
|                           | Tele9753 (Advanced Wireless Communications)  
|                           | Tele9754 (Coding and Information Theory)  
|                           | Tele9755 (Microwave Circuits, Theory and Techniques)  
|                           | Tele9756 (Advanced Networking)  
|                           | Tele9757 (Quantum Communications)  
|                           | Gmat9205 (Fundamentals of Geo-Positioning)  
|                           | Gmat9210 (GeoIT and Infomobility Applications)  
|                           | Gsoe9758 (Network Systems Architecture)  
|                           | Tele9781 (Special Topics in Telecommunications 1)  
|                           | Tele9782 (Special Topics in Telecommunications 2)  
| Two (ETM) Engineering Technical Management Electives | Gsoe9210 (Engineering Decisions)  
|                           | Gsoe9420 (Project Management in Engineering and Research)  
|                           | Gsoe9445 (Entrepreneurial Engineering)  
|                           | Gsoe9510 (Ethics & Leadership in Engineering)  
|                           | Gsoe9747 (Innovation and Commercialisation for Engineers)  

### Course Offerings

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gsoe9820</td>
<td>Project Management</td>
</tr>
<tr>
<td>Gsoe9830</td>
<td>Economic Decision Anal. In Engineering</td>
</tr>
<tr>
<td>Elec9123</td>
<td>Design Proficiency</td>
</tr>
<tr>
<td>Elec9451</td>
<td>Masters Project A in one term in 2nd year</td>
</tr>
<tr>
<td>Elec9452</td>
<td>Masters Project B in next term continuously after passing elec9451.</td>
</tr>
<tr>
<td>Elec9453</td>
<td>Masters Project C in next term after passing elec9452.</td>
</tr>
</tbody>
</table>

### Masters Projects

A, B, C (total 12uoc with 4uoc each)

- Elec9451 (Masters Project A) in one term in 2nd year.
- Elec9452 (Masters Project B) in next term continuously after passing elec9451.
- Elec9453 (Masters Project C) in next term after passing elec9452.

### Industrial Training

- Need to have 60 working days of Industrial Training (IT) and submit the IT report; recommend to do the work experience by the end of your 1st year.

Note: check available courses offered in each term from this site: [http://classutil.unsw.edu.au](http://classutil.unsw.edu.au)

*Edited on 12 November 2019 GF*