

**POSSIBLE SCHEDULE FOR ECE AY2005 INTAKE STUDENTS  
PLANNING TO GO FOR LONG-TERM IA (MAJOR REQUIREMENTS)**

**1. Possible Schedule for EE (Group A) AY2005/06 Intake (Major Requirements)**

| Schedule III                        | Schedule IV                                    | Schedule V                              | Schedule VI         | Schedule VII        | Schedule VIII     |
|-------------------------------------|--|---|---------------------|---------------------|-------------------|
| EE2006 Digital Design               | EE2004 Electronic Devices                      | EE2001 <sup>4</sup><br>(Co-req: EE2007) | EE3001 <sup>4</sup> | EE4001              | EE4001            |
| EE2009 Signals                      | EE2005 Electronics                             | EG1415                                  | BREADTH<br>ELECTIVE | HR2002              | DEPTH<br>ELECTIVE |
| EE2012 Analytical<br>Methods in ECE | EE2007 Microprocessor<br>Systems (Pre: EE2006) | BREADTH<br>ELECTIVE                     |                     | BREADTH<br>ELECTIVE | DEPTH<br>ELECTIVE |
| EE2010 Systems &<br>Control         | EE2011 Engineering<br>Electromagnetics         | BREADTH<br>ELECTIVE                     |                     | DEPTH<br>ELECTIVE   | DEPTH<br>ELECTIVE |
|                                     |  |   |                     |                     |                   |

**2. Possible Schedule for EE (Group B) AY2005/06 Intake (Major Requirements)**

| Schedule III                           | Schedule IV                         | Schedule V & VI                                | Schedule VI         | Schedule VII        | Schedule VIII     |
|--|-------------------------------------|--|---------------------|---------------------|-------------------|
| EE2004 Electronic<br>Devices           | EE2006 Digital Design               | EE2001 <sup>4</sup><br>(Co-req: EE2007)        | EE3001 <sup>4</sup> | EE4001              | EE4001            |
| EE2005 Electronics                     | EE2009 Signals                      | EE2007 Microprocessor<br>Systems (Pre: EE2006) | BREADTH<br>ELECTIVE | HR2002              | DEPTH<br>ELECTIVE |
| EE2011 Engineering<br>Electromagnetics | EE2010 Systems & Control            | EG1415   |                     | BREADTH<br>ELECTIVE | DEPTH<br>ELECTIVE |
|  | EE2012 Analytical Methods<br>in ECE | BREADTH<br>ELECTIVE                            |                     | BREADTH<br>ELECTIVE | DEPTH<br>ELECTIVE |
|  |                                     |  |                     | DEPTH<br>ELECTIVE   |                   |

**Important:**

- Students must also satisfy the following **University Level Requirements (GEMs, SS, ULR Breadths)** and **Unrestricted Elective Module Requirements (UEM)** which are not shown above but can be taken in any semester. Please refer to the relevant FFG checklist at <http://www.ece.nus.edu.sg/students/finalyr/FFGlists.htm>
- In the second-year (schedule III & IV), students will study most ECE core modules and are advised not to take more than one additional module in each sem.
- The minimum **27 MCs** (for CPE) / **30 MCs** (for EE) of **electives** satisfying the EE/CPE **Breadth / Depth** requirements can be taken at any semester upon satisfying the pre-requisites.
- Students can take EE3001 and one bread/depth elective *in the evening classes* during the IA subject to availability. EE3001 and EE2001 can also be taken during the Special Term between Schedule IV & V subject to availability.
- Accelerating students can take EE4001 when they achieve level 4 standing.

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**3. Possible Schedule for CPE AY2005/06 Intake (Major Requirements)**

| Schedule III                        | Schedule IV                      | Schedule V & VI                             | Schedule VI         | Schedule VII             | Schedule VIII  |
|-------------------------------------|----------------------------------|---|---------------------|--------------------------|----------------|
| EE2004 Electronic Devices           | EE2006 Digital Design            | EE2001 <sup>4</sup><br>(Co-req: EE2007)     | EE3001 <sup>4</sup> | EE4001                   | EE4001         |
| EE2005 Electronics                  | EE2009 Signals                   | EE2007 Microprocessor Systems (Pre: EE2006) | BREADTH ELECTIVE    | HR2002                   | DEPTH ELECTIVE |
| EE2011 Engineering Electromagnetics | EE2010 Systems & Control         | EG1415                                      |                     | EE3001 <sup>4</sup>      | DEPTH ELECTIVE |
|                                     | EE2012 Analytical Methods in ECE | BREADTH ELECTIVE                            |                     | BREADTH ELECTIVE         | DEPTH ELECTIVE |
|                                     |                                  |   |                     | BREADTH / DEPTH ELECTIVE |                |

**Important:**

1. Students must also satisfy the following **University Level Requirements (GEMs, SS, ULR Breadths)** and **Unrestricted Elective Module Requirements (UEM)** which are not shown above but can be taken in any semester. Please refer to the relevant FFG checklist at <http://www.ece.nus.edu.sg/students/finalyr/FFGlists.htm>
2. In the second-year (schedule III & IV), students will study most ECE core modules and are advised not to take more than one additional module in each sem.
3. The minimum **27 MCs** (for CPE) / **30 MCs** (for EE) of **electives** satisfying the EE/CPE **Breadth / Depth** requirements can be taken at any semester upon satisfying the pre-requisites.
4. Students can take EE3001 and one bread/depth elective *in the evening classes* during the IA subject to availability. EE3001 and EE2001 can also be taken during the Special Term between Schedule IV & V subject to availability.
5. Accelerating students can take EE4001 when they achieve level 4 standing.

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**4. Possible Schedule for EE AY2005/06 Common Intake (Major Requirements)**

| Schedule III                         | Schedule IV                      | Schedule V & VI                             | Schedule VI         | Schedule VII        | Schedule VIII  |
|--------------------------------------|----------------------------------|---|---------------------|---------------------|----------------|
| EE2004 Electronic Devices            | EE2006 Digital Design            | EE2001 <sup>4</sup><br>(Co-req: EE2007)     | EE3001 <sup>4</sup> | EE4001              | EE4001         |
| EE2005 Electronics                   | EE2009 Signals                   | EE2007 Microprocessor Systems (Pre: EE2006) | BREADTH ELECTIVE    | HR2002              | DEPTH ELECTIVE |
| CS1102C Data Structures & Algorithms | EE2010 Systems & Control         | EE2011 Engineering Electromagnetics         |                     | EE3001 <sup>4</sup> | DEPTH ELECTIVE |
|                                      | EE2012 Analytical Methods in ECE | EG1415                                      |                     | BREADTH ELECTIVE    | DEPTH ELECTIVE |
|                                      |                                  | BREADTH ELECTIVE                            |                     | BREADTH ELECTIVE    | DEPTH ELECTIVE |

**5. Possible Schedule for CPE AY2005/06 Common Intake (Major Requirements)**

| Schedule III                         | Schedule IV                      | Schedule V & VI                             | Schedule VI         | Schedule VII             | Schedule VIII  |
|--------------------------------------|----------------------------------|---|---------------------|--------------------------|----------------|
| EE2004 Electronic Devices            | EE2009 Signals                   | EE2001 <sup>4</sup><br>(Co-req: EE2007)     | EE3001 <sup>4</sup> | EE4001                   | EE4001         |
| EE2005 Electronics                   | EE2010 Systems & Control         | EE2007 Microprocessor Systems (Pre: EE2006) | BREADTH ELECTIVE    | HR2002                   | DEPTH ELECTIVE |
| EE2006 Digital Design                | EE2012 Analytical Methods in ECE | EE2011 Engineering Electromagnetics         |                     | EE3001 <sup>4</sup>      | DEPTH ELECTIVE |
| CS1102C Data Structures & Algorithms | CS1231 DISCRETE STRUCTURES       | EG1415                                      |                     | BREADTH ELECTIVE         | DEPTH ELECTIVE |
|                                      |                                  | BREADTH ELECTIVE                            |                     | BREADTH / DEPTH ELECTIVE |                |

**Important:**

- Students must also satisfy the following **University Level Requirements (GEMs, SS, ULR Breadths)** and **Unrestricted Elective Module Requirements (UEM)** which are not shown above but can be taken in any semester. Please refer to the relevant FFG checklist at <http://www.ece.nus.edu.sg/students/finalyr/FFGlists.htm>
- In the second-year (schedule III & IV), students will study most ECE core modules and are advised not to take more than one additional module in each sem.
- The minimum **27 MCs** (for CPE) / **30 MCs** (for EE) of **electives** satisfying the EE/CPE **Breadth / Depth** requirements can be taken at any semester upon satisfying the pre-requisites.
- Students can take EE3001 and one bread/depth elective *in the evening classes* during the IA subject to availability. EE3001 and EE2001 can also be taken during the Special Term between Schedule IV & V subject to availability.
- Accelerating students can take EE4001 when they achieve level 4 standing.