# Department of Information Engineering
## Announcement on Course Selection in 2019-20

<table>
<thead>
<tr>
<th>Term</th>
<th>Course Code</th>
<th>Section</th>
<th>Eligibility Criteria</th>
</tr>
</thead>
</table>
| 1    | IERG1810    | A/B/C   | - For any IERG major, MI EG major and BBA-ERG.  
- Students should take IERG2060 or ESTR2304 at the same time or have taken IERG2060 or ESTR2304 before. |
| 1    | IERG2051    | A/B     | - For any IERG major and BBA-ERG.  
- Students taking this course are expected to have passed MATH1510.  
- Not for students who have taken ENGG2030 or ESTR2206 or ESTR2302. |
| 1    | IERG2060    |         | - For any IERG major, MI EG major and BBA-ERG.  
- Students should take IERG1810 at the same time.  
- Students taking this course are expected to have passed ENGG1100 or ESTR1000.  
- Not for students who have taken ELEG2202 or ELEG2201 or ELEG1110 or ENGG2020 or ESTR2104 or ESTR2304. |
| 1    | IERG2080    |         | - For any IERG major, MI EG major and BBA-ERG.  
- Students taking this course are expected to have passed ENGG1110 or ESTR1002.  
- Not for students who have taken CSCI1140 or CSCI1510 or ESTR2306. |
| 1    | IERG3010    |         | - For any IERG major, IERG minor, MI EG major and BBA-ERG.  
- Students taking this course are expected to have passed ENGG2310 or ESTR2300.  
- Not for students who have taken ESTR3300. |
| 1    | IERG3800    |         | - For any IERG major, MI EG major and BBA-ERG.  
- Students taking this course are expected to have passed ENGG2600 or ENGG2602 or ESTR2008 or IERG2602.  
- Not for students who have taken IERG3921. |
| 1    | IERG4030    |         | - For any IERG major, IERG minor, MI EG major and BBA-ERG.  
- Students taking this course are expected to have passed ENGG2310 or ESTR2300 or with the approval of the course instructor.  
- Not for students who have taken ELEG3303 or ESTR3206 or IEMS5705. |
| 1    | IERG4100    |         | - For any IERG major, IERG minor, MI EG major and BBA-ERG.  
- Students taking this course are expected to have passed ENGG2310 or ESTR2300 or IERG3010 or ESTR3300.  
- Not for students who have taken ESTR4304 or IEMS5701. |
| 1    | IERG4160    |         | - For any IERG major, IERG minor, MI EG major and BBA-ERG.  
- Students taking this course are expected to have background knowledge on signal processing and programming.  
- Not for students who have taken ELEG4502 or ELEG4512. |
| 1    | IERG4230    |         | - For any IERG major, IERG minor, MI EG major and BBA-ERG.  
- Students taking this course are expected to have basic knowledge on networking protocol and communication principles. |
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<tr>
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<tbody>
<tr>
<td>1</td>
<td>IERG4300</td>
<td>- For any IERG major, IERG minor, MIEG major and BBA-ERG.</td>
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<td>- Students taking this course are expected to have basic hands-on</td>
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<td></td>
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<td>operating system configuration and software installation skills</td>
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<td>covered in lab courses like IERG2602 and IERG3800.</td>
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<td></td>
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<td>- Not for students who have taken CSC15510 or ENGG4030 or</td>
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<td></td>
<td></td>
<td>ESTR4300.</td>
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<tr>
<td>1</td>
<td>IERG4350</td>
<td>- For any IERG major, MIEG major and BBA-ERG.</td>
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<td>- Students taking this course are expected to have passed</td>
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<td>IERG4130 or ESTR4306.</td>
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<tr>
<td>1</td>
<td>#ENGG5301</td>
<td>- For all ENGG Students. Students are expected to have fundamental</td>
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<td></td>
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<td>probability concepts. Not for students who have taken IERG5154.</td>
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<td>1</td>
<td>#ENGG5303</td>
<td>- For all ENGG Students. Students are expected to have a prior</td>
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<td>undergraduate level course in wireless communication. Not for</td>
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<td>students who have taken IERG5100 and IERG6270.</td>
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<td>1</td>
<td>#ENGG5392</td>
<td>- For all ENGG Students. Students are expected to have knowledge of</td>
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<td>basic optical communication principles. Not for students who</td>
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<td>have taken IERG5040.</td>
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<td>1</td>
<td>#IERG5020</td>
<td>- For all ENGG Students. Students are expected to have background in</td>
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<td></td>
<td></td>
<td>Signals and Systems. Not for students who have taken IERG4200 and</td>
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<td>ESTR4318.</td>
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<tr>
<td>1</td>
<td>#IERG5310</td>
<td>- For all ENGG Students. Students are expected to have background in</td>
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<tr>
<td></td>
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<td>Cyber Security.</td>
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Note: # For students who intended to take postgraduate course ENGG5301, ENGG5303, ENGG5392, IERG5020 and IERG5310, please complete the “Course Add/Drop Form for Postgraduate Course” which will be obtainable from RES website, students should seek approval from the Department of Information Engineering and return the endorsed form to RES.

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</table>
| 2    | CSCI2100    | E       | - For any IERG major, IERG minor, MIEG major and BBA-ERG.  
- For 2nd-year entrants, the prerequisite will be waived.  
- Not for students who have taken CSCI2520 or ESTR2102. |
| 2    | ENGG2310    | A/B     | - For any IERG major, MIEG major and BBA-ERG.  
- Students should take IERG3820 at the same time.  
- Students taking this course are expected to have knowledge of signals and systems.  
- Not for students who have taken ESTR2300. |
| 2    | IERG2051    | -       | - For MIEG major and BBA-ERG.  
- Students taking this course are expected to have passed MATH1510.  
- Not for students who have taken ENGG2030 or ESTR2206 or ESTR2302. |
| 2    | IERG3060    | -       | - For any IERG major, MIEG major and BBA-ERG.  
- Students should take IERG3810 at the same time.  
- Students are advised to take ELEG2201 or IERG2060 or ESTR2304 or ENGG2020 or ESTR2104.  
- Not for students who have taken ELEG2401 or ELEG3230 or ELEG3701. |
| 2    | IERG3280    | -       | - For any IERG major, IERG minor, MIEG major and BBA-ERG.  
- Students are expected to have taken Advanced Engineering Math course covering multivariate calculus and linear algebra.  
- Not for students who have taken ESTR3302. |
| 2    | IERG3300    | -       | - For any IERG major, IERG minor, MIEG major and BBA-ERG.  
- Students are expected to have basic background in probability.  
- Not for students who have taken ESTR3304 or IERG4140 or IERG5300 or ENGG5302 or MATH4240. |
| 2    | IERG3800    | -       | - For any IERG major, MIEG major and BBA-ERG.  
- Students taking this course are expected to have passed ENGG2600 or ENGG2602 or ESTR2008 or IERG2602.  
- Not for students who have taken IERG3921. |
| 2    | IERG3810    | A/B/C   | - For any IERG major, MIEG major and BBA-ERG.  
- Students should take IERG3060 at the same time. |
| 2    | IERG3820    | A/B/C   | - For any IERG major, MIEG major and BBA-ERG.  
- Students should take ENGG2310A/B or ESTR2300 at the same time. |
| 2    | IERG4090    | -       | - For any IERG major, IERG minor, MIEG major and BBA-ERG  
- Students taking this course are expected to have passed IERG3310.  
- Not for students who have taken ESTR4302. |
| 2    | IERG4130    | -       | - For any IERG major, IERG minor, MIEG major and BBA-ERG  
- Students are expected to have basic knowledge on Computer Networks.  
- Not for students who have taken CSCI4130 or ESTR4306 or IEMS5710. |
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<tr>
<td>2</td>
<td>IERG4220</td>
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<tr>
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<td>- For any IERG major, IERG minor, MIEG major and BBA-ERG.</td>
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<td>- Students taking this course are expected to have passed IERG4130 or ESTR4306.</td>
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<tr>
<td>2</td>
<td>IERG4831</td>
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<td>- For any IERG major, MIEG major and BBA-ERG.</td>
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<td>- Students should take IERG4090 or ESTR4302 at the same time.</td>
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<tr>
<td>2</td>
<td>IERG4841</td>
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<td>- For any IERG major, MIEG major and BBA-ERG.</td>
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<td>- Students taking this course are expected to passed IERG3800.</td>
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<tr>
<td>2</td>
<td>#IERG5130</td>
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<td>For all ENGG Students. Students are expected to have basic knowledge on linear algebra, probability theory, optimization.</td>
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<tr>
<td>2</td>
<td>#IERG5200</td>
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<td>For all ENGG Students. Not for students who have taken MATH4260 and IERG4200.</td>
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<tr>
<td>2</td>
<td>#IERG5590</td>
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<td>For all ENGG Students. Students are expected to have solid foundations on operating systems and database systems. Not for students who have taken CSC5590 or FTEC5520.</td>
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Note:  
# For students who intended to take postgraduate course IERG5130, IERG5200, IERG5590, please complete the “Course Add/Drop Form for Postgraduate Course” which will be obtainable from RES website, students should seek approval from the Department of Information Engineering and return the endorsed form to RES.  

(~End~)  
2019Jul11