To Nurture Engineering Leaders for Building a Connected and Secure Smart Society of the Future

The IERG programme provides students the greatest flexibility to pursue their career goals by developing their specialties. Students may opt for one or two streams of specialization to facilitate their job hunting.

**Streams of Specialization**

- Networked Systems & Applications
- Information Science
- Cyber Security
- Big Data: Systems & Applications
- Telecommunications

**Career Prospects**

The IERG programme equips our students with well-rounded engineering knowledge and solid experience in innovative technologies. They are of the highest caliber and committed to study and work. Our graduates have established excellent reputations in the industry and have embarked on promising careers. Around 10% of our fresh graduates continue for full-time studies every year.

**Curriculum**

<table>
<thead>
<tr>
<th>Year</th>
<th>Foundation</th>
<th>Intermediate</th>
<th>Advanced</th>
<th>Specialized</th>
</tr>
</thead>
</table>

**Graduation Requirements**

- Major Requirement: 75 units<br>- University Core Requirement: 39 units<br>- Free Electives: 9 units<br>= 123 units

**Job Nature of IE Graduates in 2022**

- Software Design & Development: 42.2%
- Cyber Security: 15.6%
- IT Consultation: 13.3%
- Fintech & Data Science: 11.1%
- Solution Architect: 9.0%
- Teaching: 4.4%
- Others: 4.4%

*Percentages might not total 100% due to rounding. Statistics based on the survey conducted with IE graduates in May 2023.*
Admission Channels

**JUPAS**
For HKDSE applicants, admission is based on the results of your Best 5 subjects with weighting indicated on the table:

<table>
<thead>
<tr>
<th>Category</th>
<th>Subject Group</th>
<th>Min. Level</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core</td>
<td>English Language</td>
<td>3</td>
<td>(x1)</td>
</tr>
<tr>
<td></td>
<td>Chinese Language</td>
<td>3</td>
<td>(x1)</td>
</tr>
<tr>
<td></td>
<td>Mathematics (Compulsory Part)</td>
<td>4</td>
<td>(x2)</td>
</tr>
<tr>
<td></td>
<td>Citizenship and Social Development</td>
<td>A (Attained)</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>Mathematics Extended Module I or II</td>
<td>3</td>
<td>(x1.75)</td>
</tr>
<tr>
<td></td>
<td>Biology / Chemistry / Physics / Design and Applied Technology / Information and Communication Technology</td>
<td>3</td>
<td>(x1.5)</td>
</tr>
<tr>
<td></td>
<td>All other Elective Subjects</td>
<td></td>
<td>(x1)</td>
</tr>
</tbody>
</table>

**Non-JUPAS (Local)**
For local applicants who are not using the HKDSE results for admissions purposes, such as Associate Degree/Higher Diploma, GCE-AL, IB, SAT/AP and other overseas qualifications recognised by our university.

**Non-JUPAS (Senior Year Entry)**
Local applicants who possess Associate Degree/Higher Diploma qualifications may apply for Senior Year admission.

**International**
For non-local applicants with international qualifications such as GCE-AL / International-AL, IB, and other high school qualifications from a recognised institution.

**Mainland**
Mainland China students who are current Gaokao candidates must apply through the National Colleges and Universities Enrolment System (全国普通高校统一招生计划).

**Testimonials**

“...The IE programme provides opportunities for me to explore different technologies and full stack assessments, contributing to valuable experiences on my resume and greatly benefiting my career.”

CHAN Sum-yuet
2022 IERG graduate. Currently a Graduate Programmer at theOrigo

“...The IE curriculum equipped me with solid foundations in software and hardware development and soft skills such as collaboration and a problem-solving mindset, which are indispensable in working as a leader.”

HUI Sze-ho
2022 IERG graduate. Currently an Assistant Solution Engineer at Huawei (Hong Kong)