## Faculty of Engineering
### Biomedical Engineering

<table>
<thead>
<tr>
<th>Offered As:</th>
<th>✓ Major</th>
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<tbody>
<tr>
<td><em>Open to students of other Faculties:</em></td>
<td>✓</td>
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### What is it about?
Medical Engineering (also known as biomedical engineering) is a multi-disciplinary subject integrating the knowledge of engineering, biology and medicine. Inheriting the traditional engineering practice/training as well as acquiring the knowledge in life science, medical engineers learn how to understand, define and solve challenges in biology and medicine - advancing healthcare, including diagnosis, monitoring, treatment and therapy.

**Offering Faculty/ Department/ School/Institute:** BEng in Engineering Science programme

### Pre-requisite requirements and/or other conditions for declaring the major/minor

- Level 3 or above in HKDSE Mathematics or equivalent
- Level 3 or above in HKDSE Physics or Combined Science with Physics component or equivalent

### Career opportunities:
Medical engineers are trained to fuel technological invention in medical professions. Graduates can work as scientists and engineers in hospitals and research institutions, or as sales engineers specialising in medical, healthcare or sports equipment. Graduates are also bona fide electronic and mechanical engineers, and can compete in the job market as such.

### Further information:
http://engg.hku.hk/EngSci/

### Contact:
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* Note: Students pursuing curricula with major / minor programme(s) must complete at least one major programme from their home Faculties upon graduation.

**Disclaimer:** The information mainly applies to students admitted in 2018-2019 and thereafter. For students from different cohorts, the information is only for reference. Please check with Faculty/offering department for details. The pre-requisite requirements / conditions are subject to changes by Faculties from time to time, and students are advised to check with their Faculty Office in case of doubt.