### Faculty of Engineering  
**Materials 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?**

Materials Engineering is an emerging discipline focusing on the innovation and application of new materials in the high technology sector, like nanotechnology, in the medical, optical or aeronautical field, for the betterment of mankind. This major is jointly offered by the Departments of Electrical & Electronic Engineering and Mechanical Engineering. Students will get the chance to acquire top-notch knowledge in mechanics, nanotechnology, biomaterials, optical network technology, aeronautical engineering and medical devices.

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<tr>
<th>Offering Faculty/ Department/ School/Institute:</th>
<th>BEng in Engineering Science programme</th>
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| 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:**

Graduates with this major may work as Materials Engineers or Research Engineers. For further information, please check with the Faculty of Engineering and CEDARS (Careers & Placement).

**Further information:**

http://engg.hku.hk/EngSci/

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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.