# Faculty of Engineering
## Computing and Data Analytics

<table>
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<tr>
<th>Offered As:</th>
<th>✓ Major</th>
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*Open to students of other Faculties:* ✓ (except major in Computer Science, major in Decision Analytics, major in Statistics, major in Risk Management, minor in Computer Science, minor in Decision Analytics, minor in Statistics and minor in Risk Management)

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<th>What is it about?</th>
<th>Due to the increase in demand for big data analysis and data mining as well as knowledge discovery in various industries, this stream is tailor-made to equip students with both basic and advance knowledge in computer science, statistics and mathematics to pursue career as well as postgraduate study in this direction.</th>
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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
- Impermissible combinations:
  - Major in Computer Science, Decision Analytics, Risk Management, Statistics
  - Minor in Computer Science, Decision Analytics, Risk Management, Statistics

### Career opportunities:
IT related jobs especially those involve “big” and/or “complicated” data analysis (e.g. stock market data analysis; financial engineering; and data mining on large volume of data). For further information, please check with the Department of Computer Science and CEDARS (Careers & Placement).

### Further information:
http://www.cs.hku.hk/programme/

### Contact:
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Tel: 2219 4778  
Email: ckcheng@cs.hku.hk

* 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 (last offered). 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.