## Decision Analytics

**Offered As:**
- ✓ Major

**Open to students of other Faculties:**
- ✓

**What is it about?**
Amidst an upsurge of digital data produced worldwide nowadays, the Major in Decision Analytics aims to equip students with the skills and expertise in leveraging and managing big data in real time, and provide them with solid training in making digitised information a strategic part of critical decision-making and resource allocation with greater clarity and accuracy.

**Offering Department:**
Offered by the Department of Statistics and Actuarial Science

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<th>Pre-requisites and/or other conditions for declaring the major/minor:</th>
<th>Students must have level 2 or above in HKDSE Extended Module 1 or 2 of Mathematics or equivalent to take this major. Students who do not fulfill this requirement are advised to take MATH1011 University mathematics I. Please refer to the course prerequisites of the required courses. For details, please check with the Department of Statistics and Actuarial Science.</th>
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**Career opportunities:**
Core courses in the curriculum emphasize the fundamental concepts and methodologies of decision analytics which include but not limited to statistical analysis, data mining and data visualisation, programming, data structuring, mathematical and statistical modelling and implementation of database systems. Elective courses focus on diverse and applied techniques of decision analytics in multidisciplinary fields. For details, please check with Faculty or CEDARS (Careers & Placement).

**Further information:**

| Contact: | E: saas@hku.hk  
T: 3917 2466 |

* 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 2019-2020 and thereafter. For students from different cohorts, the information is only for reference. Please check with Faculty/offering department for details. The pre-requisites / 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.