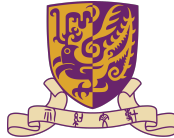


# Mathematics and Information Engineering (MIEG)

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The Chinese University of Hong Kong

Programme Sharing  
Mar 10, 2017

# Introduction: MIEG

## Bachelor of Science in Mathematics and Information Engineering

### What is MIEG?

- An interdisciplinary programme jointly offered by
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### Mission statement

*To nurture and educate mathematically-trained engineers and researchers for the information world of today and tomorrow.*

Website: <http://www.mie.cuhk.edu.hk>



Scary slide: *do not let it scare you though..*

## Scary part

- MIEG students take required classes of both:
  - Information Engineering
  - Mathematics
- They have more required units than other programmes (naturally)
- The workload is traditionally higher than other programmes
- We keep admission to less than 20 students per year (selective)



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## Good part

- Hard work comes with benefits
- Programme has an excellent reputation
- [Further study - alumni](#)



# Changes under consideration

Student remarked that they would like

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- Discrete mathematics
- Design and Analysis of Algorithms

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This would entail

- Units required for graduation to go up to 126 units ⊖
- Broader career and research opportunities ⊕

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  - rather than memorizing them
- who enjoys to see the mathematics in applications
  - rather than enjoy the abstract theory (not that there is anything wrong with it.. )



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This major is **not** for students

- who came to CUHK (FoE) to get some degree without working hard
- not for students who dislike mathematics
- not for students who do not want a bright future ☺



# Where can you get more information?

## Good sources

- Listen to the next talk: Information Engineering (one half of MIEG)
  - where you learn about communications, networking, cybersecurity, big data etc.
- Go to the webpage: <http://www.mie.cuhk.edu.hk>
  - contains: study scheme, programme brochure, other relevant information..
- Contact me: [chandra@ie.cuhk.edu.hk](mailto:chandra@ie.cuhk.edu.hk)
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  - They have only partial information and have not yet got the rewards
- Online discussion groups
  - They are places to vent frustration and do not give a true picture





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Parting words: May you make the best choice for you (in the long run)

Thank You

