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## Relevant Companies




Alumni Sharing
Microelectronics is an exciting field affecting almost every aspect of our daily life．It has become the spine of the modern world that one can hardly imagine the life without mobile phones，computers，TVs and other and of course，with a lot of opportunities for career．To enter such a field，you will need a good ouide providing sound knowledge but also fostering interest． was lucky to meet the remarkable the Department of Applied Physics in PolyU．They not only have strong expertise in the related fields，but also a strong emphasis on innovation and research．The professors are willing to provide support and advices to students anytime．They inspired me the interest on the field，which I found beneficial in my later endeavor．I have learnt not only practical knowledge and physical nature，but also analytical thinking，communication，and interpersonal skills．It was a great practice as the beginning of my career．

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PolyU is the starting point to pursue my goal of being a scientist．The extensive training in the PhD program equips me with the cutting－edge knowledge of microelectronic devices，the creative science thinking，the problem－solving skills，and most importantly，the passion for exploring nature，which benefit me all my life． As an Assistant Professor in Zhejiang University，I dedicate myself to the frontier research in the field of integrated circuits and I hope to develop worthwhile technologies to benefit the whole society．
f Poly （0）Polyuap ©polyu Applied Physic
in Department of Applied Physics，PolyU
THE HONG KONG
POLYTECHNIC UNIVERSITY香港理工大學

DEPARTMENT OF Applied Physics應用物理學系


## Master of Science in Microelectronics Technology \& Marerials Programme Objective:

The MSC programme is hands-on skills to contribute to the booming integrated circuits industry's development. Based on the expertise of the Department of Applied Physics in device physics and materials science research, the one-year programme provides students with unique and professional-oriented education in the process flow of microelectronics and integrated circuit design, simulation, fabrication and processing, characterization, and inspection.

## Programme code:

 11044
## Mode of Study

 1-year full time Cre30

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## Subject List

Total 30 credits require for graduation. (3 credits for each subject)



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## AdmisSion - A Bachelor's degree with honours in science, engineering or equivalent qualifications - Fulfill the English language requirements of PolyU postgraduate programme

 Requirements