Taught Postgraduate Programme
授课式研究生课程

Double Master Degrees
MSc in Operational Research and Business Statistics (Hong Kong Baptist University)
MSc in Operational Research and Business Statistics (University of Kent)
双硕士学位
运筹学及商业统计理学硕士（香港浸会大学）
运筹学及商业统计理学硕士（肯特大学）

Double Master Degrees
MSc in Mathematical Finance (Hong Kong Baptist University)
MSc in Financial Markets (University of Kent)
双硕士学位
金融数学理学硕士（香港浸会大学）
金融市场理学硕士（肯特大学）
As the information may be revised from time to time, the Department reserves the right to alter any part of the contents of this brochure without prior notice. All information subject to programme website.

小冊子內所有資料可能隨時變更，恕不另行通知，一切資料以課程網頁為準。

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Welcome Messages

Welcome to join this academic family: Department of Mathematics, Hong Kong Baptist University!
Mathematics has been a part of the human search for understanding, and has been successfully applied to many other aspects of the human world: economy, financial market, logistics, and data mining etc. For these applications, Statistics, Operational Research and Mathematical Finance play important roles.
The faculty members in our department have a broad range of expertise and experience, as reflected in their teaching, programme development and active professional services in national and international communities. Our faculty research strength and leadership in the relevant areas have been recognized by international societies. More importantly for students, our faculty members have been striving to remain a well-supported, conductive environment for excellence in learning so that their study can be more efficient.
I hope that you can gain more knowledge, skills and interests from your study in our department.

欢迎加入香港浸会大学数学系这个大家庭！
当下数学已经成为人类探索世界的一部分，并且已经成功地运用在世界各个方面，例如金融经济、金融市场、物流管理还有数据挖掘等方面。在这些领域当中，统计学、运筹学和金融数学都扮演重要作用。我们专业教师无论是在他们教学，学科发展还是在国家和国际团体中，都表现了他们丰富的专业知识和技能，以及他们积极的育人精神和团队意识。我们的教师在相关领域的科研能力和领导地位被国际组织接纳及认可。对于学生，我们教师一直都致力于保持良好的师生交流关系以及良好的学习环境，确保学生学习更加有效率。
我希望，你们可以在这里获取更多专业知识，提高自身技能，培养个人兴趣！
Welcome

Students on the MSc in Operational Research and Business Statistics programme learn to use a wide range of advanced quantitative and analytical techniques to inform and improve decision-making within any type of organisation. Applications of operational research are abundant in industry and the public sector, such as airlines, manufacturing companies, service organizations, healthcare delivery and in government. Graduates from our programme enter a rapidly growing professional field equipped with highly sought after modelling and problem-solving skills.

Being a joint MSc programme, students are taught by faculty in the Management Science group from the Kent Business School. Our research-active staff is top-rated in the UK and internationally recognised in a number of fields within operational research, including logistics and transportation, data analysis, optimisation, company benchmarking, multi-methodology and problem-structuring methods, and environmental management. As teachers, we are committed to challenge, inspire and develop the skills of our MSc students by providing a world-class and stimulating teaching experience that covers current state-of-the-art in operational research techniques.

Dr Jesse O’Hanley
Director of Studies and Chief Examiner, Joint MSc in Operational Research and Business Statistics
Kent Business School, University of Kent

The MSc in Financial Markets provides a solid background in financial principles and practices, developing skills needed by future business and financial professionals. The programme provides a comprehensive framework of knowledge, insight and vision regarding the key issues in finance and risk management present globally in financial markets. You will develop an appropriate range of cognitive, critical and intellectual skills, research skills, and also relevant personal and interpersonal skills, to interact in the real world of business and organisations. This MSc Financial Markets programme also prepares you for research or further study in this field.

This programme has been recognised by two world renowned professional bodies, the CFA Institute and PRMIA (Professional Risk Managers’ International Association), granting Kent Business School the status of PRMIA academic partner as well as CFA participating partner at programme level, both reserved for a limited and select number of Finance programmes in the world. The curriculum is constantly updated to reflect the new problems facing financial markets participants. Our graduates usually find jobs in investment banks, hedge-funds, private equity houses, commercial banks and multinational companies.

Professor Radu Tunaru
Director of MSc Financial Markets
Kent Business School, University of Kent

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Innovate for Professional Excellence

The Department of Mathematics of Hong Kong Baptist University has twenty-six faculty members. The faculty members of the department have a very strong background in Scientific Computing, Statistics, Operational Research and Mathematical Finance. The Department of Mathematics is actively involved in many areas of research. Since most of our research is applied and interdisciplinary in nature, we often collaborate with scholars in other fields. We also have close working relationships with many mathematicians from other institutions in Hong Kong, China and overseas.

Our department will continue our strong commitments in teaching, in taking care of students, and in high quality research.

Hong Kong Baptist University (HKBU) is a public-funded institution with a Christian heritage. The University seeks to create an educational experience that is holistic in nature and is committed to nurturing its students to become well rounded in their intellectual, professional, physical, moral and spiritual development. This educational philosophy is the basis of HKBU’s long-cherished aim of "whole-person education". The University places dual emphasis on teaching and research promotes extensive cross-cultural experience amongst its student population, and maintains strong links with the community through its active engagement in various consultancy and public service.

Hong Kong Baptist University (HKBU) is a public-funded institution with a Christian heritage. The University seeks to create an educational experience that is holistic in nature and is committed to nurturing its students to become well rounded in their intellectual, professional, physical, moral and spiritual development. This educational philosophy is the basis of HKBU’s long-cherished aim of "whole-person education". The University places dual emphasis on teaching and research promotes extensive cross-cultural experience amongst its student population, and maintains strong links with the community through its active engagement in various consultancy and public service.

香港浸会大学创立于1956年，是一所由香港特区政府全面资助的文理型综合大学，获政府授权颁发博士、硕士、学士，以及副学士学位。此外，大学每年亦颁授荣誉博士学位予国际知名学者及其卓成就对社会有贡献的人士。大学创办至今，一直致力于教学与研究，并广纳贤才、服务社会、探求学术、追求卓越。大学实行英语教学，以配合国际化。除一般课堂学习外，浸大亦通过人文素质教育、舍堂教育等项目，在课堂内外全面落实全人教育的理念。

浸会大学致力提供一个教学设施完善、学术氛围浓厚的环境，除重视同学的专业培训及全人发展外，更培养同学终身学习、自我反省和自我完善的能力。

卓越创新 培育专才

香港浸会大学数学系有二十六位教研人员，在科学计算、统计学、运筹学及金融数学方向上有很强的师资力量，教师全部毕业于国际知名大学或研究所。我们的研究范围涵盖甚广，大部份都是应用及跨学科的，因此我们经常与其他领域的学者合作。此外，我们与本港、中国内地及海外学府的数学家亦有紧密的合作关系。

我们将积极维持高水平的教学及高质素的学术研究。
Kent is the UK’s European University with campuses at Canterbury, Medway, Tonbridge, Brussels, Paris, Athens and Rome. The university’s main campus at Canterbury, founded in 1965, has over 16,000 full-time students.

Ranked 20th in the Guardian University Guide 2015 and the Complete University Guide 2015, and 28th in The Sunday Times University League Table 2013, the university offers a friendly, multi-cultural, cosmopolitan atmosphere with students from over 140 nationalities choosing Kent as their UK study destination.

Kent has an international reputation for research excellence, with top ranking subjects including Actuarial Science, BioSciences, Business, Computing, Electronics and Law.

International Mindset

International Connections

Kent Business School has a dynamic international community: Our academic staffs come from 20 different countries and are internationally recognized for their research and publications in leading journals around the world.

Our current students on postgraduate study also come from over 20 countries and help contribute to the international environment at the School. The programme is enhanced by our Erasmus students who come from all around Europe.

The School has excellent links with other academic institutions which have lead to the creation of the unique Transmanche programmes jointly partnered by the Universite du Littoral and the Universities of Lille in France. We have had a long standing relationship with University of Deusto in Spain and the Reims Management School in France as well as study programmes with the Beijing Foreign Studies University in China. Other international partnerships include the University Teknologi of Malaysia, and the Deggendorf Technical University in Germany.

Kent is a truly European University, due to its campuses at Canterbury, Medway, Tonbridge, Brussels, Paris, Athens and Rome. The university’s main campus at Canterbury, founded in 1965, has over 16,000 full-time students.

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MSc in Operational Research and Business Statistics
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双硕士学位
运筹学及商业统计理学硕士 (香港浸会大学)
运筹学及商业统计理学硕士 (肯特大学)

Introduction
Organizations have to operate in an increasingly complex global world. Uncertainty, a vast range of choice available in addition to time and financial pressures make the decisions more challenging. In addition computers and software systems are generating massive amounts of data which need to be used to create insight into specific business and management issues, all this data and the availability of more and cheaper computing power are creating an important opportunity for decision makers. Executives in every kind of organization – large and small, private and public, profit-making and non-profit – are using operational research (OR) or management science to unlock the value in their data, model complex systems, and make better decisions with less risk. Whether it is used to inform high-level strategy or improve day-to-day operations, OR will help give insight into difficult problems, improve processes, productivity and performance, save money and increase revenues, create more and better options, make accurate predictions, plans and forecasts, gain greater market share, achieve a higher quality, use assets more effectively, gain a higher return on investment and maximum levels of efficiencies.

简介
在这个日益复杂的世界中，组织机构除了要面对时间和财务的压力，还要面对著很多不确定性，如各种可能的选择。这使得决策具有相当的挑战性。另外，现代的计算机和各类软件系统可以产生大量的数据，而这些数据可用来发现某些特定的管理和事务运作的一些内在规律。大量的数据和日益廉价的计算资源将会给决策者提供一个极好的机会：在每类组织中 – 不管是大型或小型，公有或私有，盈利或非盈利 – 决策者都可以通过运筹学去建立复杂系统，发现数据中存在的价值及寻求最小代价最佳决策。无论在高层决策中，还是在日常运作中，运筹学将有助于我们对各种复杂问题的了解，同时也有助于提高生产效率、系统性能、节省开支、增加收入、设计出更多更好的可行方案、提供准确的预测和计画、获取更大市场份额、提高产品质量和资产的利用效率、获得更高的投资回报率和最大效能等等。
In a nutshell, OR is the discipline of applying advanced analytical methods to help make better decisions. The MSc is a specialist Masters programme which will equip you with techniques such as mathematical modeling to analyze complex situations. OR gives organizations the power to make more effective decisions and build more productive systems based on:

- More complex data
- Consideration of all available options
- Careful predictions of outcomes and estimates of risk
- The latest decision tools and techniques

OR is a uniquely powerful approach to decision making using highly developed skills which are sought after by employers in a huge diversity of sectors. You will learn to implement advanced tools and technologies to provide analytical power that no ordinary software or spreadsheet can deliver out of the box and to tailor it to uncover the most beneficial options to a specific challenge. Some of these analytical technologies include:

- Simulation which will give you the ability to try out different approaches and test ideas for improvement.
- Optimization which will help you narrow your choices to the very best when you are faced with numerous feasible options which are difficult to compare.
- Complex problem-structuring methods.
- Probability and Statistics that will help you measure risk, mine data to find valuable connections and insights, test conclusions, and make reliable forecasts.

本质上，运筹和统计学就是提供高级分析方法以作出更好决策的学科。本专业硕士课程将会使你拥有在各种复杂环境下的数学建模能力。基于下面4个方面，运筹学和统计学将会使得组织机构具备有设计高效生产系统和高效决策的能力：

- 更加完整的数据
- 对所有可能选择的考察
- 审慎预测结果和风险评估
- 最新的决策工具和方法

运筹和统计学已成为决策的有力工具，很多部门的雇员都在追求使用这类高度发展的技术。在本课程中，你将会学习如何运用先进工具和方法进行数据分析，寻求问题的最佳解决方法，而这些不是普通软件或电子表格所能做到的，其中的一些分析方法如下：

- 模拟使你能测试各种方案，检验改进策略。
- 优化在许多难以抉择的可行方案中，使你能作出最佳选择。
- 复杂问题的构建方法。
- 概率和统计有助于度量风险。通过数据挖掘发现有价值的内在联系，作出可靠预测，检验结论。
Our Objective
The aim of the programme is to provide an opportunity of further education for working professionals in the field of Operational Research and Business Statistics, and to offer well-motivated individuals a path for career conversion into the field of Operational Research and Business Statistics.
After completing the programme, students will have two master degrees:
• Master of Science in Operational Research and Business Statistics (Hong Kong Baptist University)
• Master of Science in Operational Research and Business Statistics (University of Kent)
Students acquire a solid foundation in the principles of Operational Research and Business Statistics, and a wealth of knowledge of software packages and their applications.

Graduation Requirement
Each student is required to complete 39 units as follows and GPA must be 2.5 or above:
25 units of core courses
8 units of elective courses
6 units of M.Sc. Dissertation project

Teaching Mode
Students can select full-time or part-time study-mode. For both study-modes, students will attend classes on weekday daytime/evenings and/or Saturday/Sunday.
For the full-time study-mode, the normal period of study is 12 months (3 semesters)
For the part-time study-mode, the normal period of study is 24 months (6 semesters)

Teaching Venue
Hong Kong

Medium of Instruction
The medium of instruction is English. All teaching and learning materials are in English.

Scholarship
Scholarships will be awarded according to the GPA in the first semester.

课程结构及教学模式

课程目标
本课程旨在为运筹学及商业统计领域的专业人士提供进一步学习深造的机会，同时也为有意于从事运筹学及商业统计工作的人士提供实现职业转变的途径。顺利完成课程后的学生将会得到以下两个硕士学位：
• 运筹学及商业统计理学硕士学位（香港浸会大学）
• 运筹学及商业统计理学硕士学位（肯特大学）
通过学习，学生将会深入了解运筹学及商业统计的基本原理，并且熟练掌握相关专业软件包的知识及其使用技能。

毕业要求
学生必须完成以下39个学分的学习并GPA达到2.5分或以上：
必修课25个学分。
选修课8个学分。
硕士论文6个学分。

授课模式
学生可以选择全日制或兼读制两种学制模式。在每一种学制里，学生都将要参加平日日间/晚上的课程和周六/周日课程的学习。
全日制学生的学习期限通常为3学期。
兼读制学生的学习期限通常为6学期。

授课地点
香港

授课语言
授课语言为英语，所有教材都是以英语编写。

奖学金
根据第一学期的GPA，颁发奖学金。
Courses

Core Courses 必修课
• Operational Research I
• Techniques of Production Operations Management
• Statistical Software in Business and Management
• Computer Tools for Simulation
• Business Statistics and Modeling
• Operational Research II
• Performance Management
• Applied Multivariate Analysis
• Applied Time Series

Elective Courses 选修课
• Managing Complexity: The Systems Approach
• Quantitative Models for Marketing
• Business Intelligence and Decision Support
• Survey Sampling
• Actuarial Statistics
• Experimental Design
• Network and Project Management
• Heuristic and Structured Problems in Operational Research
• Data Mining and Knowledge Discovery
• Derivatives
• Work-base Learning
• Risk and Portfolio Management
• Financial Calculus
• Forecasting and Demand Management

M.Sc. Dissertation Project 硕士论文
• Dissertation I
• Dissertation II

Other information

Programme Fee 学费
HK $150,000
港币150,000

Enquiry 信息咨询
http://www.math.hkbu.edu.hk/MSC-ORSTAT
orstat@math.hkbu.edu.hk
(852) 3411 5056
(852) 3411 5811
ORBS Programme
Department of Mathematics
Hong Kong Baptist University
Kowloon Tong, Hong Kong

Application Deadline 申请截止日期
30 June (September Intake)
每年六月三十日(九月入学)
Double Master Degrees
MSc in Mathematical Finance
(Hong Kong Baptist University)
MSc in Financial Markets
(University of Kent)
双硕士学位
金融数学理学硕士（香港浸会大学）
金融市场理学硕士（肯特大学）

Introduction
Mathematical Finance is the application of mathematical methods to the solution of risk management problems in finance. Practitioners apply tools from finance, applied mathematics, computer science, statistics, management and economic theory. Investment banks, hedge funds, insurance companies, corporate risk managers and regulatory agencies apply financial knowledge to problems such as derivative securities valuation, risk management, strategic planning and dynamic investment strategies. As the pace of financial innovation increases, the need for highly qualified people with specific training in financial markets and mathematical finance.

As the scope of global financial transactions widens, and its volume increases, plus technological advancements, the demand for specialists in the financial sector surges. The bridging between mathematical and financial knowledge answers to the critical demand for professionals who can quantify, assess, price and forecast increasingly complex financial outcomes. This area in the financial sector emphasises the application of mathematical methods to solve risk management problems in finance, with tools from finance, applied mathematics, computer science, statistics, management and economic theory.

简介
金融数学是以数学方法为工具从而解决金融风险管理问题的新兴学科。分析师需要运用金融、应用数学、计算机科学、统计、管理及经济理论等工具处理各类问题。投资银行、对冲基金、保险公司、企业风险管理和监管机构通过金融知识来解决衍生证券的估值、风险管理、战略规划和动态投资策略等问题。随着金融业迅速发展，金融市场和金融数学领域极需要具有专业素养和高素质的人才。

随着全球金融交易范围的扩大，及其交易量增大，加上各种技术的进步，令金融领域专家的需求激增。尤其具有数学及财务两方面的知识的专业人员的需求更是急剧上升，他们运用其专业知识去量化，评估，定价和预测各类日益复杂的金融市场产品。金融领域强调以数学为基础，以金融、应用数学、计算机科学、统计、管理及经济理论为工具，研究分析金融风险管理问题。
Upon completion of this specialised and technical programme, students can build careers in investment and commercial banks, hedge funds, insurance companies, security dealing, brokerage companies, and investment institutions. Risk management skills in finance such as measuring and assessing risk, strategy developing by the use of traded financial instruments lead to career opportunities of risk managers. Knowledge of stock and bond offerings as well as special investment products paves way for investment bankers. Practical knowledge in creating, pricing, marketing and delivering structured product solutions leads to careers in derivative product development.

The Double Master Degree in Mathematical Finance and Financial Markets provides a solid background in mathematical finance, financial principles and practices and develops skills needed by future business and financial professionals. The programme provides a comprehensive framework of knowledge, insight and vision regarding the key issues in finance, the finance function of organizations and operations and functions of financial institutions and markets.

Students will develop an appropriate range of cognitive, critical and intellectual skills, research skills and relevant personal and interpersonal skills to interact in the real world of business and organizations. This MSc Mathematical Finance / Financial Markets programme also prepares you for research or further study in this field.
Our Objective
The aim of the programme is to provide an opportunity of further education for working professionals in the field of mathematical finance and financial markets, and to offer well-motivated individuals a path for career conversion into the field of Finance.

After completing the programme, students will have two master degrees:
• Master of Science in Mathematical Finance (Hong Kong Baptist University)
• Master of Science in Financial Markets (University of Kent)

Students acquire a solid foundation in the principles of Mathematical Finance and Financial Markets, and a wealth of knowledge of software packages and their applications.

Graduation Requirement
Each student is required to complete and pass all the courses.

Teaching Mode
Full-time

Teaching Venue
First and Second semesters in United Kingdom
Third semester in Hong Kong

Medium of Instruction
The medium of instruction is English. All teaching and learning materials are in English.

Scholarship
6 Scholarships (2 Gold, 2 Silver, and 2 Bronze) will be awarded according to the GPA in the first and second semester.

课程目标
本课程旨在为金融数学及金融市场领域的专业人士提供进一步学习深造的机会，同时也为有意于从事金融工作的人士提供实现职业转变的途径。顺利完成课程后的学生将会得到以下两个硕士学位：
• 金融数学理学硕士学位
  （香港浸会大学）
• 金融市场理学硕士学位
  （肯特大学）

通过学习，学生将会深入了解金融数学及金融市场的基本原理，并且熟练掌握相关专业软件包的知识及其使用技能。

毕业要求
学生必须完成所有课程并且取得及格。

授课模式
全日制

授课地点
第一及第二学期在英国
第三学期在香港

授课语言
授课语言为英语，所有教材都是以英语编写。

奖学金
根据第一及第二学期的GPA，颁发六个奖学金（2金、2银及2铜）。
## Course Subjects

### Studying in United Kingdom

**First Semester** 第一学期  
(September 九月 至 December 十二月)  
- Derivatives I  
- Quantitative Methods  
- Foundations of Finance  
- Essentials of Financial Risk Management  

**Second Semester** 第二学期  
(January 一月至 June 六月)  
- Fixed Income Markets  
- Financial Data Modelling  
- Corporate Finance  
- Financial Regulation

### Studying in Hong Kong

**Third Semester** 第三学期  
(September 九月 至 December 十二月)  
- Topics in Probability Theory and Stochastic Processes  
- Derivatives II  
- Computational Finance  
- Times Series Analysis  
- Mathematical Finance

## Other information

**Programme Fee** 学费  
HK $210,000  
港币 210,000

**Enquiry** 信息咨询  
- mffm@math.hkbu.edu.hk  
- (852) 3411 5056  
- (852) 3411 5811  
- MFFM Programme  
  Department of Mathematics  
  Hong Kong Baptist University  
  Kowloon Tong, Hong Kong

**Application Deadline** 申请截止日期  
31 July (September Intake)  
每年七月三十日(九月入学)
Life in Kent

The University of Kent built in 300 acres of parkland, it overlooks the ancient and historical city of Canterbury, just 20 minutes’ walk or a bus ride away. Canterbury recently voted by the Complete University Guide as one of the safest cities for students in England and Wales.

肯特大学校园坐落在300英亩的公园绿地上，俯瞰古老悠久的坎特伯雷城。从校园步行到市区只要20分钟，乘公共汽车就更近了。坎特伯雷的公路和铁路交通非常发达，到伦敦（只有56英里的距离）和欧洲大陆都十分方便。坎特伯雷更被Complete University Guide选为在英国及威尔斯地区为学生最安全城市之一。
The past one year is really worth to experience, even though there were always plenty of problems or difficulties showing up unexpectedly before me. But those moments were the terrific opportunities to challenge and improve myself. The courses of the one-year program are scheduled comparably full and there would not be so enough time to take a rest. Therefore, my advice is to prepare early and follow your heart strictly, seizing every possible chance to try what you want to experience in Hong Kong no matter for work or for life. In sum, make clear of your direction and get well prepared as soon as possible. After that, you should just be brave and try. Hope one year later, there would be no regrets in your mind.

(Jiaxin LU, MSc ORBS 12-13 class)

This program gave me a chance to upgrade myself. For one thing, I have learned a lot of technical decision making skills in supply chain management so that I have been promoted to be a Replenishment Supervisor in a worldwide company. For the another thing, I have improved my analysis and explanation in English more details. This program is not only provided me an opportunity to obtain deep theorem but it also offers me an actual way into applying data analysis.

(Ho Cheung YIP, MSc ORBS 12-13 class)

Hello, I am Huang Shuojun from ORBS. First of all, I want to express my thankfulness to those who help me out this year, they help me reshape myself and make me more determined to go further. This year is much as an unforgettable journey where I harvest not only skills, knowledge, guidance, friendship but also a more confident and grateful heart. All these equip me to be a more complete person to face any challenges ahead without any hesitation. Sincerely thanks to ORBS program that I eventually find the turning point in my life and in the end I wish all my teachers good health and all the best.

(Shuojun HUANG, MSc ORBS 12-13 class)
Hi, there. I’m CHEN Ying, a graduate of ORBS program 2012-2013. How time flies. My major of undergraduate degree is Business Administration. I applied for this program at the beginning of last year because I was attracted by the program structure and the possibility of starting a career in the field I’m interested in after graduation. Now, it finally proves that this program never disappoints anyone and even exceeds my expectations. All the courses provided by the program are well-structured and of practical value for anyone who is interested in starting a career in the field of quantitative analysis. Teachers in this program are very considerate and dedicated to help students with their study and planning career path. Alumni are rather kind and willing to share their experience and job information with students. Classmates are nice, spirited and cooperative. Besides, HKBU’s Career Center is quite helpful, too. All the seminars and workshops offered by Career Center help students prepare themselves well to seek a job in Hong Kong. Studying in ORBS program is indeed a meaningful and unforgettable experience for me.

(Ying CHEN, MSc ORBS 12-13 class)

Hello everyone, my name is Deng Yunlong, I am a master graduated student from Operational Research and Business Statistic Program of Hong Kong Baptist University.

In a whole year study life, I am taught a lot of knowledge about statistical software such SPSS, SAS and Excel, data mining, business modeling and operational research and other courses. And this statistic knowledge is really helpful in daily life and working life.

It is important that the statistic is applied in all the industry nowadays. So I am really appreciated that I can study in this major because it is very useful, practical and scientific.

In conclusion, if you have received an offer in this major, please work harder because it is not easy to get a high mark. Moreover the teachers here are nice and patient, they will help you, and also they are willing to make friends with you. Lastly, welcome to our ORBS family and hope all of you have a bright future.

(Yunlong DENG, MSc ORBS 12-13 class)
Hi, I'm OU Jitao, a graduate of the MSc in Operational Research & Business Statistics, 2011-2012. Hong Kong Baptist University is a great place to study in and the ORBS program helped us a lot in basic statistics and quantitative analysis methods. It also introduced plenty of practical computer tools like Spreadsheets, SPSS, and SAS, which are helpful for our future career. Moreover, for those who are interested in job opportunities in Hong Kong, it is very important to make use of the information and trainings provided by BU Career Center.

(Jitao OU, MSc ORBS 11-12 class)

Hi, this is LU RUI from ORBS and I am happy to share with you my feelings of studies and life in HKBU in the past year. HKBU offers a wide range of seminars and extracurricular activities to prepare us for future professions, and the ORBS program offers the statistical theories and practical statistic skills on business and research. Meanwhile, the opportunity to study, to travel, to socialize, and to explore in HK brings me a fantastic journey and I have gained a lot through it. HKBU is an awesome place for like-minded people, making it a wonderful environment to learn and develop in your own ways. I have learned how to balance my life and study owing to HK’s fast-tempo lifestyle. I find my own, and so will you. In brief, ORBS program would make your dreams come true!!

(Rui LU, MSc ORBS 12-13 class)

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(Rui LU, MSc ORBS 12-13 class)

After one year study, HKBU leaves me unforgettable learning memory. I have the access to knowledge in vast areas, including economics, finance, operation, management, etc. All of these courses develop my strong reading, writing and numeracy skills and also paved a solid foundation for my future research ability.

Being fully aware that getting high scores was more than my individual effort, I appreciate that teachers help me a lot in my first semester. Without their kindness and timely support, it would not have been possible for me to perform well.

(Xiaodan HU, MSc ORBS 12-13 class)
Hi, everyone. I am Chaohuan DOU, a graduate student of MSc ORBS program 2011-2012. It is my honor to receive this degree. The life of this year was amazing and fulfilled with various of events! I learnt a lot practical software, such as SAS, SPSS, MATLAB. I also obtained knowledge of finance, statistics and operational research. It is very interesting to pore over this knowledge, especially when you overcome difficult problems and end up with a great sense of achievement. In addition, professors are very nice to students, and interactions with professors are admirable and helpful and they are just like conversations between you and your friends; and under such a good atmosphere, I can always get inspired to overcome problems that are in my way. Thanks to this brilliant program, I have my analysis and research abilities greatly improved, and as a result, I am much closer to my dream.

As a brief conclusion, I like this ORBS graduate program because of its well-structured courses and informative professors. Finally, I wish all prospective students to enjoy their life here, and have success with their study.

(Chaohuan DOU, MSc ORBS 11-12 class)
Studying Life

Academic Visit to Taiwan 2009

Hong Kong Kent Alumni Reception 2014

ORBS Alumni Sharing 2013

MSc MFFM Student Gathering at Kent 2014

MSc ORBS Alumni & Students Gathering 2013
Application for Admission
ORBS / MFFM

Admission Requirements
Applicants who apply described programme (ORBS or MFFM) should normally
• possess a Bachelor’s degree or equivalent qualification in Mathematics, Statistics, Computer Science, Physics, Engineering, Business or other related majors;
• be proficient in Basic Mathematics;
• satisfy at least one of the following requirements on English language proficiency:
  i. he/she used English as the medium of learning in his/her Bachelor’s degree course,
  ii. a minimum score of 79 (internet-based) in TOEFL (for ORBS only),
  iii. a minimum score of 6.5 in International English Language Testing System (IELTS),
  or
  iv. equivalent qualifications.
If full-time students are marginally below the requirements on English, the Programme Committee requires these students to take English language courses in the daytime. Such additional cost is borne by the students.

For exceptional cases in which applicants have other qualifications or substantial experience, the Programme Committee will determine their suitability based on individual merits and interviews.

入學資格
申請者如想申請上述課程(ORBS 或 MFFM)，需具備以下條件:
• 已獲得數學或統計，計算機科學，物理，工程，商業或相關專業的學士學位或已獲得在這些專業方面的同等學歷。
• 已熟悉掌握基本的高等數學知識。
• 關於英語水平，滿足以下至少一種要求:
  1. 所取得學士學位的大學或學院以英語為授課語言。
  2. TOEFL成績不低于79分（網絡形式考試）（只限ORBS）。
  3. 国際英語測試系統 (IELTS) 的成績不低于6.5分或者
  4. 同等學歷。
如果錄取的全日在讀學生的英語水平略低于以上要求者，课程委员会将会要求其参加日间英语强化课程的学习，学习费用由学生自己承担。

对于具有其他特长或相关专业经验的申请者，课程委员会将根据其个别情况以及具体面试表现做出决定。
Application Procedures
Applicants can apply for admission through one of the following means:
1. Apply online at:
   https://iss.hkbu.edu.hk/amsappl_pg/
   or
2. Obtain application forms from: Graduate School, AAB904, Level 9, Academic and Administration Building, Baptist University Road Campus, Hong Kong Baptist University, Kowloon Tong, Hong Kong. Send completed application forms and the required documents to the same address.

For further information, please visit http://gs.hkbu.edu.hk/en/prospective/tpg/intro/ or read the Postgraduate Prospectus.

Application Materials
• Application Form
• Photocopy of Identity Documents
• Official Transcripts
• Mathematics Course Descriptions (For MFFM applicants only)
• Resume
• 2 Letters of Recommendation
• Statement of Goals and Objectives
• Proof of English Proficiency

Application Materials
• 申请表
• 身份证明文件影印本
• 学业成绩单
• 个人数学课程陈述
  （只适用于MFFM申请者）
• 简历
• 推荐书二封
• 个人学习目的陈述
• 符合「英语能力规定」之证明文件