**MATH 7190    Applied Nonparametric Statistics    (3,3,0)**
The course aims at introducing some efficient nonparametric statistical methods to students and let them know how to use those methods in practice. Corresponding programming techniques to facilitate these practices will also be introduced within the platforms of MATLAB. Case studies will be provided to make the students acquainted with the elementary techniques.

**MATH 7200    Survival Analysis    (3,3,0)**
This course aims to provide students with a good understanding of techniques for the analysis of survival data, including methods for estimating survival probabilities, comparing survival probabilities across two or more groups, and assessing the effect of covariates on survival. The emphasis will be on practical skills for data analysis using statistical software packages. Students will form groups to do projects involving the analysis of real data.

**MATH 7240    Special Topics in Mathematics I    (3,3,0)**
This course is devoted to the study of up-to-date and important topics in different areas of mathematics. Emphasis is laid on the continuation and consolidation of those fundamental courses offered in the programme. It is specifically designed with the flexibility to take advantage of visiting scholars from other institutions to introduce topics that are under current research.

**MATH 7250    Special Topics in Mathematics II    (3,3,0)**
This course is devoted to the study of up-to-date and important topics in different areas of mathematics. Emphasis is laid on the continuation and consolidation of those fundamental courses offered in the programme. It is specifically designed with the flexibility to take advantage of visiting scholars from other institutions to introduce topics that are under current research.

**MATH 7260    Special Topics in Mathematics III    (3,3,0)**
This course is devoted to the study of up-to-date and important topics in different areas of mathematics. Emphasis is laid on the continuation and consolidation of those fundamental courses offered in the programme. It is specifically designed with the flexibility to take advantage of visiting scholars from other institutions to introduce topics that are under current research.

**MATH 7270    Special Topics in Operations Research I (3,3,0)**
This course is devoted to the study of up-to-date and important topics in different areas of Operations Research. Emphasis is laid on the continuation and consolidation of those fundamental courses offered in the programme. It is specifically designed with the flexibility to take advantage of visiting scholars from other institutions to introduce topics that are under current research.

**MATH 7280    Special Topics in Operations    (3,3,0)**
**            Research II**
This course is devoted to the study of up-to-date and important topics in different areas of Operations Research. Emphasis is laid on the continuation and consolidation of those fundamental courses offered in the programme. It is specifically designed with the flexibility to take advantage of visiting scholars from other institutions to introduce topics that are under current research.

**MATH 7290    Special Topics in Operations    (3,3,0)**
**            Research III**
This course is devoted to the study of up-to-date and important topics in different areas of Operations Research. Emphasis is laid on the continuation and consolidation of those fundamental courses offered in the programme. It is specifically designed with the flexibility to take advantage of visiting scholars from other institutions to introduce topics that are under current research.

**MATH 7300    Special Topics in Statistics I    (3,3,0)**
This course is devoted to the study of up-to-date and important topics in different areas of statistics. Emphasis is laid on the continuation and consolidation of those fundamental courses offered in the programme. It is specifically designed with the flexibility to take advantage of visiting scholars from other

institutions to introduce topics that are under current research.

**MATH 7310    Special Topics in Statistics II    (3,3,0)**
This course is devoted to the study of up-to-date and important topics in different areas of statistics. Emphasis is laid on the continuation and consolidation of those fundamental courses offered in the programme. It is specifically designed with the flexibility to take advantage of visiting scholars from other institutions to introduce topics that are under current research.

**MATH 7320    Special Topics in Statistics III    (3,3,0)**
This course is devoted to the study of up-to-date and important topics in different areas of statistics. Emphasis is laid on the continuation and consolidation of those fundamental courses offered in the programme. It is specifically designed with the flexibility to take advantage of visiting scholars from other institutions to introduce topics that are under current research.

**MCCP    Mandatory Common Core Programme  (3,*,*)**
**        for Research Postgraduate Students**
Research postgraduate students are required to complete a mandatory common core programme (MCCP) before confirmation of candidature. The programme aims to equip students with the necessary skills and knowledge to better prepare themselves for their academic career at HKBU and beyond. The MCCP comprises two credit-bearing courses, namely, MCCP 7010 and 7020. Others are still mandatory yet non-credit bearing, including MCCP 7030, 7040, 7060, 7090, 7100, 7110 and 7120. For details, please refer to the Graduate School website (http://gs.hkbu.edu.hk/en/current/rpg/coursework_enrol/).

**MCCP 7010    Teaching University Students    (1,2,0)**
The course aims to prepare research postgraduate students to undertake a role in teaching undergraduate students. It provides an introduction to the basic theoretical knowledge and practical skills required to begin teaching at university.

**MCCP 7020    Advanced English for Academic    (2,4,0)**
**            Purposes**
This course is a compulsory course offered to all research postgraduate students at HKBU and it has two principal components. The first component aims: (1) to develop postgraduates' competence in presenting their research ideas effectively and (2) to equip them with the skills to answer questions appropriately in seminar/conference presentations and oral defences. The second component focuses on: (1) the language, features and format of the various stages of a thesis, (2) the development of a scholarly voice through style and tone, (3) the importance of accuracy in academic writing and (4) strategies to avoid plagiarism when referring to the ideas of others or incorporating extant literature into original research.

**MCCP 7030    Online Tutorial on Academic Integrity  (0,*,0)**
Using pertinent cases as examples, the six modules in the Academic Integrity Online Tutorial (AIOT) provide information about academic integrity and how to demonstrate it. Each module explores what it means to plagiarize with interesting illustrations and a self-test allowing you to gauge students' understanding of the topics. In addition, the Tutorial provides strategies that can be applied to avoid committing academic dishonesty.

**MCCP 7040    Research Support Skills: Introduction    (0,*,0)**
**            to Scholarly Communication**
Academics need to be aware of how their research findings will be disseminated to and evaluated by the wider scholarly community. In this session, new research postgraduates will learn about current trends in this area, with a particularly focus on the open access movement. Additionally, quantitative measures of academic impact (e.g. citation counts and journal rankings) as well as the emerging importance of "altmetrics" will be discussed.