

Subject Description Form

Subject Code	BME5356																												
Subject Title	Dissertation																												
Credit Value	9																												
Level	5																												
Pre-requisite/ Co-requisite/ Exclusion	<p>Student must successfully complete at least 9 credits of subjects, including BME5155: Research Methods and Biostatistics;</p> <p>Student must attain a cumulative GPA of 3.20 or above</p> <p>* <i>Special notes to students:</i> Consent of Project Supervisor and endorsement of Dissertation Coordinator should be obtained BEFORE subject registration.</p>																												
Objectives	To develop analytical and research skills to incorporate evidence-based practice in the sports industry.																												
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> demonstrate an understanding of relevant literature in the topic area selected; pursue an in-depth examination of a selected topic area of interest in sports, and relevant to the student's own work situation; demonstrate an ability to set the topic in its wider context, to sustain argument, and to present conclusions related to practice implications in sports in Hong Kong; make integrative linkages between theoretical concepts and practical/clinical experience; develop critical thinking and analytic evaluation skills through planning and implementing a research project, and evaluating the outcome in a systematic way and to a professional standard; develop and deepen their interest and awareness in on-going research in sports areas of their own interest by sensitizing themselves to their dual role as researchers and sports practitioners. 																												
Contribution to Programme Outcomes (Refer to Part I Section 2)	<p>Program Learning Outcome (a) Acquire and apply advanced levels of knowledge and skills in the sports technology and management discipline. (Teach, Practice, Measure)</p> <p>Program Learning Outcome (b) Apply critical analysis and problem-solving skills for evidence-based practice in the sports technology and management discipline. (Teach, Practice, Measure)</p> <p>Programme Learning Outcome (d) Develop research skills that will help incorporate evidence-based practice in the delivery of sports services and industry. (Teach, Practice, Measure)</p> <p>Programme Learning Outcome (e) Demonstrate abilities to continuously develop in professional practice. (Teach, Practice, Measure)</p>																												
Subject Synopsis/ Indicative Syllabus	There is no set syllabus for the dissertation. The student may select, plan and conduct a research project relating to any area in sports, subject to the availability of supervisors and their research interests and background. The research area should be in line with the student's overall design of his/her chosen programme of study and choice of subjects.																												
Teaching/Learning Methodology	<p>A topic for research will be mutually agreed upon between the student and the supervisor. The student will read widely on the scientific issues and, in specific areas, also in depth under the guidance of the supervisor. Students may be arranged into small groups and share their information in presentations.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Teaching/ learning methodology</th><th colspan="6">Intended subject learning outcomes</th></tr> <tr> <th></th><th>a</th><th>b</th><th>c</th><th>d</th><th>e</th><th>f</th></tr> </thead> <tbody> <tr> <td>1. Guided study</td><td style="text-align: center;">✓</td><td style="text-align: center;">✓</td><td style="text-align: center;">✓</td><td style="text-align: center;">✓</td><td style="text-align: center;">✓</td><td style="text-align: center;">✓</td></tr> <tr> <td>2. Presentations</td><td style="text-align: center;">✓</td><td style="text-align: center;">✓</td><td style="text-align: center;">✓</td><td style="text-align: center;">✓</td><td style="text-align: center;">✓</td><td style="text-align: center;">✓</td></tr> </tbody> </table>	Teaching/ learning methodology	Intended subject learning outcomes							a	b	c	d	e	f	1. Guided study	✓	✓	✓	✓	✓	✓	2. Presentations	✓	✓	✓	✓	✓	✓
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1. Guided study	✓	✓	✓	✓	✓	✓																							
2. Presentations	✓	✓	✓	✓	✓	✓																							

Assessment Methods in Alignment with Intended Learning Outcomes	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed					
			a	b	c	d	e	f
	1. Progress	20%	✓	✓				✓
	2. Final Report	40%			✓	✓	✓	
	3. Oral presentation	40%			✓	✓	✓	
	Total	100 %						
	<p>The assessment panel will jointly allocate a grade guided by the above weightings which may vary depending on the nature of the project. Individual awards may modify key items and the recommended weightings according to the needs of each award.</p> <p>The dissertation must reflect sufficient evidence of independent work to justify the award at the Master’s level, and, preferably be job and profession related. It must be a topic related to the programme area of study in which the student is enrolled. As there is no single universal definition of what constitutes a Master’s dissertation, the Dissertation Assessment Panel has the responsibility to decide whether the dissertation reaches the necessary level.</p> <p>The dissertation must satisfy the Dissertation Assessment Panel in the following:</p> <ul style="list-style-type: none">• adequate knowledge of the chosen research topic;• understanding of the issues and developments in the research topic;• mastery of research procedures and design, techniques of data collection;• mastery of appropriate analytical procedures and appropriate interpretation; and• evidence of scientific validity.							
Student Study Effort Expected	Class contact:							
	▪ Tutorials						19.5 Hrs.	
	▪ Progress presentation & seminars						3.5 Hrs.	
	Other student study effort:							
	▪ Literature review, research design, data collection, data analysis, preparation of proposal presentation and report						328 Hrs.	
	Total student study effort						351 Hrs.	
Reading List and References	<ul style="list-style-type: none">• White, Susan E. Basic & clinical biostatistics, McGraw-Hill ; 2020• Mieczyslaw Pokorski. Trends in biomedical research, Cham : Springer ; 2020							
Date of Last Major Revision	20 August 2025							
Date of Last Minor Revision	20 August 2025							