Liverpool John Moores University

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Title: Statistical Decision Making
Status: Definitive
Code: **7005OMBAGM**   (126521)
Version Start Date: 01-08-2020

Owning School/Faculty: Leadership and Organisational Development
Teaching School/Faculty: Leadership and Organisational Development

Team	Leader
Nick Wise	Y

Academic Level: FHEQ7   **Credit Value:** 12   **Total Delivered Hours:** 41

Total Learning Hours: 120   **Private Study:** 79

Delivery Options
Course typically offered: S1 & S2 & Summer

Component	Contact Hours
Online	40

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Report	Report - Using statistical models to make decisions	60	
Exam	Exam	Online Exam - multiple choice	40	1

Aims

This module aims to help students to make intelligent use of statistics in the process of management and decision-making.

Learning Outcomes

After completing the module the student should be able to:

1   Apply statistical analysis to management problems.
2   Critically interpret results to inform decision making.
3   Assess the results of descriptive and inferential statistical analysis, drawing managerial implications.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Report   1   2   3

Exam   1   2   3

Outline Syllabus

• *Analysing large data sets*
• *Appropriate statistical techniques*
• *Descriptive and inferential statistical analysis*
• *Interpretation using statistical techniques*
• *Decision making processes*

Learning Activities

Online

Notes

Online