

Summary Information

Module Code	5501DAV
Formal Module Title	Statistics
Owning School	Engineering
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 5
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
German Academy for Foreign Trade and Logistics

Learning Methods

Learning Method Type	Hours
Lecture	20
Tutorial	20

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	12 Weeks

Aims and Outcomes

Aims	To provide statistic methods for conduct of empirical research, quality control and for higher levels of learning
------	---

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Discuss the application of statistical methods to research and business problems.
MLO2	2	Formulate, use and interpret a variety of statistical models.

Module Content

Outline Syllabus	- Basics of Descriptive Statistics- Normal Distributions- Experimental Design- Significance Tests- Confidence Intervals- Simple and Multiple Regressions
Module Overview	
Additional Information	Formal lectures will be supported by individual student tutoring. Statistical models and methods and their application to research and business problems will be taught

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Exam	Written Exam	100	3	MLO1, MLO2

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Ben Matellini	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
--------------	--------------------------	-----------