

What is the
Quantitative
Pathway?

How Does It
Work?

Quantitative
Modules

Quantitative
Dissertation

How Hard Is It?

Why Should I
Join?

Views from
Students

How Can I Join?

Questions?

BSc Criminal Justice and Criminology Quantitative Pathway

Briefing

What Is the Quantitative Pathway?

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Questions?

- Pathway: a string of optional year-3 modules leading to a BSc
- Quantitative: strengthening your training in data analysis and research methods
- Applied to social policy, criminal justice, and criminology contexts

How Does It Work?

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- Two compulsory modules to substitute your 40 optional credits in year 3
 - ‘SLSP3065 Quantitative Social Research I’ in term 1
 - ‘LAW3287 Quantitative Social Research II’ in term 2
- A quantitative dissertation
- Other optional workshops, events and competitive placements available through the Q-Step Centre

SLSP3065 Quanti. Social Research I

- Syllabus
 - Recap of different types of variables
 - Statistical tests (establishing significance)
 - Data manipulation
 - Regression modelling (what is the effect of X on Y?)
- Learning activities
 - Two-hour sessions in a computer workshop
 - First hour theoretical
 - Second hour applied exercises using R
- Data used throughout the course
 - Crime Survey for England and Wales
 - Labour Force Survey
- Assessment
 - Ten weekly take-home individual exercises (10%)
 - 2,000 words assignment exploring a research question (90%)

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Modules

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Dissertation

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How Can I Join?

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LAW3287 Quanti. Social Research II

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Dissertation

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- Syllabus
 - Modelling strategies (to predict and to explain)
 - Data quality (missing data)
 - Advanced regression (multilevel modelling, longitudinal data, time-series, and many more)
- Learning activities, two-hour sessions in a computer workshop
 - Flipped-lecture format
- Examples of dataset used throughout the course
 - Labour Force Survey & European Social Survey
 - MoJ Criminal Justice Statistics & Crown Court Sentencing Survey
 - Pathways to Desistance (young offenders survey)
- Assessment
 - Eleven formative exercises, one of them offering individual feedback
 - 3,000 words assignment exploring a research question (100%)

LAW3287 Quanti. Social Research II

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Modules

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Dissertation

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Questions?

- The two modules are highly applied
- We see quantitative methods as research tools
- Which help us answer important research questions:
 - Which offenders are more likely to be sentenced to custody?
 - Is there a gender pay-gap in the UK?
 - How does procedural justice affect offending behaviour?
 - Which countries report higher trust in the police?
 - Why are different crime types unevenly distributed across states?
 - Have the Sentencing Council guidelines increase punitiveness?
 - and many more

Quantitative Dissertation

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Modules

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Dissertation

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Questions?

- The same format as a ‘normal’ dissertation
 - 40 credits
 - Same word limit
- Must include some form of quantitative data analysis
 - Primary data analysis (surveys, content analysis, observations, etc.)
 - Secondary data analysis (official statistics, police data, national surveys)

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Modules

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Dissertation

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Questions?

- No prior knowledge of maths or statistics required
 - Very little mathematical notation
 - Focus on application of techniques using software
 - and real datasets used by Criminologists and Sociologists
 - Emphasis placed on interpreting results intuitively
- The following skills are however essential
 - Numeracy - openness towards evidence presented numerically
 - IT skills - competent using computers
 - Resilience - tolerance to frustration

Why Should I Join?

- Become critical and independent Criminologists
 - Quantitative Criminology research is growing quickly
 - Most Criminologists cannot fully engage with it
 - You will get the skills needed to evaluate evidence critically
 - And to undertake that research yourself

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How Does It
Work?

Quantitative
Modules

Quantitative
Dissertation

How Hard Is It?

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- Become critical and independent Criminologists
 - Quantitative Criminology research is growing quickly
 - Most Criminologists cannot fully engage with it
 - You will get the skills needed to evaluate evidence critically
 - And to undertake that research yourself
- Substantially enhance your employability
 - Data analysis is a highly valuable and transferable skill (huge shortage amongst Social Scientists)
 - Necessary to carry out research, but also to commission, or to simply interpret it
 - In high demand across all sectors (academia, government, private sector and charities)
 - Graduate as '*BSc (Hons) Criminal Justice and Criminology with Quantitative Research Methods*'
 - Only six 'Quantitative Pathways' with Criminology in the UK

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Employability

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How Does It
Work?

Quantitative
Modules

Quantitative
Dissertation

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[Insight & Innovation - Quantitative Team](#)

Surrey County Council

Placed on: 21-08-2017 Salary: £32,839 to £55,644 per annum

Closes
Sep
18

[Insight & Innovation - Qualitative Team](#)

Surrey County Council

Placed on: 21-08-2017 Salary: £28,591 to £48,395 per annum

Closes
Sep
18

Views from Students of the Pathway

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- Hannah was a pathway student three years ago
- She is now one of our most promising PhD students

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- Available to level 3 students from the BA programs on
 - Criminal Justice and Criminology
 - Sociology
 - Social Policy
 - Sociology and Social Policy
- Subject to satisfactory performance at Level 2
 - A mark of at least 60 on 'LAW2286 Researching Crime and Criminal Justice'
 - An average year mark of at least 60 on level 2
- Notify the program support team:
 - Programmesupportlaw@leeds.ac.uk
 - Before the 7th of June

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Any questions?