

Away Day

Phil Ansell  
(DELT, MSP)

UG Current  
Status

Governance  
Structure (UG)

UG (Education  
for Life) Strategy

Highlights from  
BoS minutes

Highlights from  
BoS minutes

PG Current  
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Masters  
Programmes

# FLTSEC Away Day

Phil Ansell (DELT, MSP)

School of Mathematics, Statistics and Physics, Newcastle University

10th July 2018

# UG Current Status

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## Currently

We offer UG programmes across Mathematics, Statistics and Physics, including major-minor and JH programmes. We have a total of ~ 800 students in the school. For example, in Stage 1:

	Phys	SH	M-M	JH	Total
Total	49	179	22	31	281
Female	23% (11)	31% (55)	32% (7)	46% (14)	31% (87)
WP	18% (9)	23% (41)	5% (1)	19% (6)	23% (66)
A/A*	51% (25)	84% (151)	64% (14)	84% (26)	77% (216)

We also contribute across the institution through service teaching.

	BioMed	NUBS	Comp	SENG	SNES
Total	607	584	52	1450	408

This is ~ 1000 FTE each year on service teaching modules.

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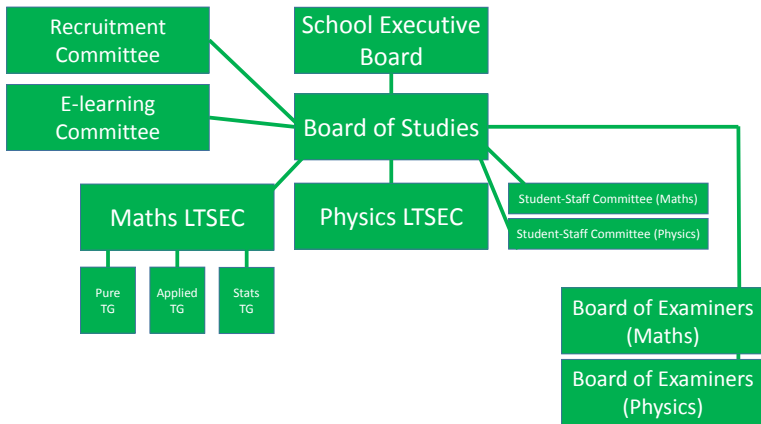
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# UG (Education for Life) Strategy

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## Vision

A thriving and diverse UG portfolio across mathematics, statistics and physics, providing an outstanding UG experience for all.

## Strategic Objectives

- Develop an **outreach** and **recruitment** programme that addresses the needs of local, national and international populations.
- Provide a **portfolio** of degree programmes to enable an overall **growth** in student numbers, alongside **improving entry grades**.
- Ensure an **inclusive** and **excellent student experience** for all.
- Enhance degree programmes across the Faculty and University through the provision of high quality **service teaching**.
- Provide all students with the opportunity to develop their **skills** to enable them to fulfil their **potential**.

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## Reviews

- IOP accreditation November 2018.
- School LTR in May 2019.
- IMA accreditation in May 2019.

## Strategic Plans

- The agreement with Jiangnan University allowing students direct entry into Stage 1 or Stage 2 of the Maths/Stats programmes will be extended to include the Physics programmes.

## Programme Changes

- Career Management Skills are to be included in the Physics curriculum from 2019.

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## Good Practice

- Noted a reduction in the number of students failing to progress from Stage 1 to Stage 2, following the appointment of the School's Transition Officer.
- LTSECs agreed that SSC annual reports to NUSU should be circulated to all students to raise awareness of actions taken as a result of student feedback. In addition SSC Chairs will give brief presentations at the start of lectures.
- A further initiative will be a trialled paper survey; two to three weeks into the next semester students will be asked to note what they like/dislike about a particular module.
- Students have requested an in-house Careers Event for MSP students, with Careers Advisors present. E & E lead will speak to the Careers Service about this with a view to organising an event in 2018.
- The email sent out by the Transition Officer reminding Stage 1 Maths/Stats students of upcoming deadlines will be extended to Stage 1 Physics students from semester two.

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## Areas for Concern

- The female conversion rate could be improved. This issue will be considered by the RSWG and by the Schools EDI Committee, as any action to be taken should be included in the forthcoming Athena Swan application. Proposed actions included a search for prominent female graduate profiles, and an analysis of the competitor data.
- (SSC notes) The Committee discussed the M/F student ratio and, although there were no negative comments regarding the Schools recruitment processes, students did feel that more could be done e.g. a female-only outreach event.
- The overall student satisfaction (NSS) is down to 93% from 97% (however MSP scored well in the new questions on the student voice compared to the rest of the University/sector).
- Noted that the number of graduates in positive destinations has decreased (DLHE). More structured career guidance has been put in place since 2016/7 so it is hoped that data for future graduates will show an improvement.

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## Currently

We offer PhD/MPhil programmes across Mathematics, Statistics and Physics.

- Total cohort of 66:
  - 62 PhD Mathematics and Statistics students
  - 2 PhD Physics students
  - 2 MPhil Mathematics and Statistics students.
- We co-lead the EPSRC CDT in Big Data and Cloud Computing with School of Computing.
- No PGT but successful integrated Masters programmes - MMath and MPhys



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## Vision

A thriving and diverse PG portfolio across mathematics, statistics and physics, which provides an outstanding PG experience for all.

## Strategic Objectives

- **Grow** PGR numbers across all disciplines, while maintaining **high standards**.
- Develop and contribute to a **portfolio** of Masters programmes.
- Continue to provide an outstanding PG **research training environment**.
- Continue to promote a **supportive** and **inclusive** community with **extra-curricular** opportunities.
- Develop **targeted** recruitment to **national** and **international** markets.

# Masters Programmes

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## Opportunities

- Leading MRes in Physics from September 2018.
- Contributing to MSc in Data Science (led by SoC) from September 2018.
- Exploring potential MSc programmes in themes of mathematical sciences, statistics, real-world modelling, fundamental physics.
- Service teaching for PGT in other schools.

## Challenges

- Impact on MMath and MPhys programmes.
- Block teaching.
- Staff resources.
- Space.