

MAGIC Annual Report

July 2015 – June 2016

Contents

| | |
|--|---|
| 1 Introduction | 2 |
| 1.1 Membership..... | 2 |
| 1.2 MAGIC Management Committee (2015-2016)..... | 2 |
| 1.3 MAGIC Programme Committee (2015-2016) | 3 |
| 1.4 MAGIC Academic Steering Committee (2015-2016) | 3 |
| 1.5 Minutes | 3 |
| 2 Progress and activities 2015-2016 | 4 |
| 2.1 MAGIC Administrator and Technical Support Posts | 4 |
| 2.2 Video Conferencing Software Update | 4 |
| 2.3 Website | 4 |
| 2.4 Recording of lectures | 4 |
| 2.5 Other activities and use of the MAGIC facilities | 4 |
| 2.6 Technical problems and issues | 4 |
| 3 Academic Aspects 2015-2016 | 4 |
| 3.1 Academic Programme 2015-2016 | 4 |
| 3.2 Questionnaires and feedback | 5 |
| 3.3 Assessment Policies | 6 |
| 3.4 Registration data..... | 7 |

1 Introduction

The MAGIC (Mathematics Access Grid Instruction and Collaboration) project commenced, with partial sponsorship of EPSRC, in October 2006. It is aimed at sharing postgraduate lectures in mathematics for PhD students using Access-Grid (new visimeet) technology. The consortium has 20 universities as partners with both small and large departments being fully involved in the delivery of the programme of lectures in addition to their students being able to participate in a wide range of lectures.

Over the past year, the significant development has the signing of a new 5 year agreement that commences 1st October 2016 and runs until end of September 2021, meaning we have effectively continued the end of the current 5 year agreement which expires on 30th September 2016. All 20 of the original consortium members have signed up to the new agreement.

We envisage MAGIC will continue to run and develop much as before, but there are some important changes we summarise below:

- As the original EPSRC funding ends in Sept 2016, responsibility for the upkeep and maintenance of the equipment will now revert to the individual partner institutions rather than using a maintenance contract to cover all partners.
- The amount each institution is charged to be a member of MAGIC has been revised, with most institutions contributing a similar or lesser amount. The formula is similar to the previous agreement and is based on the number of FTE REF2014 submitted staff for each institution, the number of students who registered for MAGIC courses in 2015 and fixed costs.
- The remaining funds from the 2011-2016 agreement will be disbursed as agreed by the ASC last year.
- The timing of the course preparation payments will need to take place in year rather than over the preceding summer, so that income and outgoings are as balanced as possible each year.
- The coordinating party for the finances will be the University of Exeter for the period of the next agreement, i.e. from 1st October 2016.

Enthusiasm for MAGIC courses remains high amongst node reps and members, and we expect a full programme to be delivered for 2016-17 including a number of new courses.

The current MAGIC website <http://www.maths-magic.ac.uk> contains last year's annual report, details of the current programme and the courses available. Earlier annual reports on MAGIC can be found at http://www.maths-magic.ac.uk/annual_reports. These reports give extensive detail on how the project has developed over the years and contain information on the suite of courses which MAGIC has delivered and some of the technical and other issues that MAGIC has encountered.

1.1 Membership

Table 1: A list of MAGIC Consortium partners

| | |
|---------------------------|---------------------------|
| University of Birmingham | Loughborough University |
| Durham University | University of Manchester |
| University of Cardiff | University of Newcastle |
| University of East Anglia | University of Northumbria |
| University of Exeter | University of Nottingham |
| Keele University | University of Reading |
| University of Lancaster | University of Sheffield |
| University of Leeds | University of Southampton |
| University of Leicester | University of Surrey |
| University of Liverpool | University of York |

1.2 MAGIC Management Committee (2015-2016)

Table 2: MAGIC Management Committee

| | |
|--|---------------------------|
| Prof. Peter Ashwin (Exeter University) | Director of MAGIC |
| Prof. Tim Phillips (Cardiff University) | Programme Committee Chair |
| Dr Kevin Houston (Leeds University) | |
| Dr David Aspero (UEA) | |
| Stuart Phillipson (Manchester University) | |
| Prof. Toby Stafford (Manchester University) | Deputy Director of MAGIC |
| Prof. Vladimir Bavula (Sheffield University) | |
| Dr Ian McIntosh (University of York) | (stepping back in 2016) |
| James Perrin | MAGIC Technical Officer |
| Sam Blackburn | MAGIC Administrator |

1.3 MAGIC Programme Committee (2015-2016)

Table 3: Programme Committee

| | |
|---|---------------------------|
| Prof. Tim Phillips (Cardiff University) | Programme Committee Chair |
| Prof. Pete Ashwin (Exeter University) | Ex Officio |
| Dr Alexey Bolsinov (Loughborough University) | |
| Prof. Gianne Derks (University of Surrey) | |
| Dr Tobias Kuna (University of Reading) | |
| Prof. Christopher Parker (University of Birmingham) | |
| Prof. Mary Rees (University of Liverpool) | |
| Dr Ian McIntosh (University of York) | |

1.4 MAGIC Academic Steering Committee (2015-2016)

Table 4: A list of members of the Academic Steering Committee

| | |
|--|--------------------------------------|
| Prof. Nigel Peake (Cambridge) | Chair of Academic Steering Committee |
| Prof. Peter Ashwin (Exeter University) | Director of MAGIC |

Prof. Tim Phillips (Cardiff University) Programme Committee Chair
Dr David Aspero (University of East Anglia)
Dr Alexey Bolsinov (Loughborough University)
Dr Giampaolo D'Alessandro (Southampton University)
Dr Matt Turner (University of Surrey)
Prof. Yibin Fu (Keele University)
Dr Kevin Houston (University of Leeds)
Prof. Peter Jorgensen (Newcastle University)
Dr Tobias Kuna (University of Reading)
Dr Derek Kitson (Lancaster University)
Dr Sara Lombardo (University of Northumbria)
Prof. Christopher Parker (University of Birmingham)
Prof. Sergei Petrovskii (University of Leicester)
Prof. Mary Rees (University of Liverpool)
Dr Dirk Schuetz (Durham University)
Prof. Toby Stafford (University of Manchester)
Prof. Neil Strickland (University of Sheffield)
Dr Kris van der Zee (University of Nottingham)
Dr Roger Colbeck (University of York)

1.5 Minutes

The minutes of the meetings of the MAGIC Management Committee, Programme Committee and Academic Steering Committee, together with the agenda papers can be found at: https://maths-magic.ac.uk/admin/management/list_meetings.php

2 Progress and activities 2015-2016

2.1 MAGIC Administrator and Technical Support Posts

Administrative support for MAGIC is provided by Sam Blackburn (Exeter). From 1st January 2016 Sam reduced her working hours from 0.5FTE to 0.4FTE as the full 0.5FTE time was not required to complete the work. Technical support is provided by James Perrin (Manchester) at 0.4FTE. Pete Ashwin (Exeter) continues as Director of MAGIC with Toby Stafford (Manchester) as Deputy Director.

2.2 Video Conferencing Software/Hardware Update

All nodes have been asked to upgrade the MAGIC equipment at their institution by the end of September 2016 to coincide with the end of the original EPSRC grant which provided funding for MAGIC. Nodes have been allocated a set amount of funding to renew equipment at their institution.

MAGIC continues to use the video conferencing platform VISIMEET. The original maintenance agreement with Taalus ended in March 2016 - nodes are now responsible for organizing and financing maintenance at their institution as part of the equipment upgrade.

2.3 Website

The MAGIC website has been continuously updated in response to requirements from users and administrators. e.g. tools for the Programme Committee to view how courses have performed over the years, and managing questionnaires. Security and mobile friendliness have been also improved.

We are not aware of any major technical issues this academic year - Individual problems investigated have been investigated as and when they arose.

2.4 Recording of lectures

James Perrin has developed a system of web-based streamed recordings of MAGIC lectures that has become available for 2015-16; a significant amount of development work has gone into this and although the completed system is not yet fully automatic, feedback has been positive and so far, the usage by students high, especially around assessment times.

2.5 Other remarks

MAGIC supported the second Birmingham Young Mathematician Colloquium conference organised by postgraduate students at the University of Birmingham on 20th April 2016. MAGIC provided approximately £1.5k of financial support to students from other MAGIC nodes to travel to the conference (we are still awaiting confirmation of the final figure spent). The conference was well received and attended.

From autumn 2015 MAGIC offered students from non-MAGIC Universities the opportunity to participate in MAGIC lectures as “external subscribers”. These subscribers are able to attend and be assessed for courses on payment of a subscription charge of £250 per term. The subscription gives a student access to the same services as other student members of the MAGIC consortium and allows access to live lectures and recorded lectures via the MAGIC website. This generated £750 of additional income during 2015-16.

There were some issues with term dates and a delayed start to lectures in spring semester but in general this was worked around successfully.

3 Academic Aspects 2015-2016

3.1 Academic Programme 2015-2016

The list of courses given in the 2015-16 sessions (and also for previous sessions) can be viewed at the MAGIC website at <http://maths-magic.ac.uk/courses.php> . The website also gives details of the individual courses and syllabi.

Details of course history and payments for course development have been added to the MAGIC website and can be viewed at https://maths-magic.ac.uk/admin/programme/course_histories.php

3.2 Questionnaires and feedback

The results of the questionnaire data can be viewed at (login required):
https://maths-magic.ac.uk/admin/programme/view_questionnaires.php

An alumni questionnaire was issued in early April 2016 to students who registered for MAGIC courses in 2013-14. This aimed to get responses from students who had completed their MAGIC training but who were mostly in the final stages of their PhD. Most of the responders said the training from MAGIC has been helpful and most would recommend MAGIC to someone who is just starting their PhD.

Feedback from the lecturers on all the courses has been obtained via online course reports and the responses are available for viewing at the same site (cited earlier) along with other questionnaire results. The feedback from students and staff (via the questionnaire results, forums discussions) is used by the Programme Committee when it reviews the programme each year. The minutes of the Programme Committee contain some of the feedback and summarize the outcomes from the review.

3.3 Assessment Policies

The current MAGIC Course Assessment Policy may be found on the current MAGIC website here: https://maths-magic.ac.uk/admin/documentation/documentation_index.php

The current policy requires that each MAGIC course will have a single open-book style examination/assessment at the end of the module, and this will be done over a two week period after the end of the course. Lecturers are required to produce a pass/fail mark for each student requiring assessment, and to give feedback on the assessment via the MAGIC website.

A payment of £10 is made to lecturers for each pass/fail assessment of student recorded on the MAGIC website.

At the 2016 Programme Committee meeting on 16th May it was agreed to revise the assessment policy first drafted in 2012-13 to ensure it is fit for purpose.

3.4 Course preparation and refreshment payments

The arrangements for this year remain the same, after previous system payment for payment in advance for multiple years has expired, the institution responsible for delivering a course is paid according to the following table:

| Course type | One-off payment | 1 st year | 1 st year total | 2 nd year | 3 rd year | Total over 3 years |
|----------------------|-----------------|----------------------|----------------------------|----------------------|----------------------|--------------------|
| New 20 hour | £1200 | £400 | £1600 | £400 | £400 | £2400 |
| New 10 hour | £600 | £200 | £800 | £200 | £200 | £1200 |
| New lecturer 20 hour | £600 | £400 | £1000 | £400 | £400 | £1800 |
| New lecturer 10 hour | £300 | £200 | £500 | £200 | £200 | £900 |

3.5 Registration data

The *Table 5* below shows the number of students registered for courses together with the number requiring formal assessment. The corresponding figures for previous years are also displayed in the same table. (It is noted that formal assessment for all courses started with the 2011-12 session). *Table 6* shows the same data but broken down via MAGIC partner.

Table 5: *Total number of course registrations and numbers of students requiring formal assessment. The number of students in the third row is the number of people who registered for at least one course in that session and excludes those names added to the database but not signing up courses.*

| | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 |
|--------------------------|---------|---------|---------|------------------|------------------|------------------|------------------|------------------|
| Registrations (assessed) | | 649 | 764 | 562 (283=50%) | 646 (434=67%) | 719 (470=65%) | 830 (551=66%) | 806 (511=63%) |
| No. of Students | 221 | 236 | 246 | 214 | 256 | 285 | 300 | 297 |

Table 6: Same data as in Table 5 but broken down by institution. Student numbers is a count of the numbers of students on the database in the particular session who registered for at least one course.

| | 2012-13 | | 2013-14 | | 2014-15 | | 2015-16 | |
|----------------|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|
| | No. of Students | Registered courses | No. of Students | Registered courses | No. of Students | Registered courses | No. of Students | Registered courses |
| External | 1 | 6 | 1 | 1 | 3 | 38 | 6 | 51 |
| External Ass'd | | | | | 0 | 0 | 2 ¹ | 5 |
| Birmingham | 23 | 54 | 17 | 41 | 11 | 23 | 11 | 19 |
| Cardiff | 7 | 27 | 11 | 26 | 15 | 50 | 16 | 45 |
| Durham | 6 | 25 | 7 | 17 | 8 | 24 | 11 | 35 |
| East Anglia | 13 | 34 | 17 | 60 | 18 | 43 | 14 | 41 |
| Exeter | 13 | 33 | 15 | 44 | 15 | 34 | 16 | 51 |
| Keele | 1 | 2 | 0 | 0 | 4 | 6 | 3 | 5 |
| Lancaster | 3 | 14 | 6 | 29 | 9 | 35 | 13 | 41 |
| Leeds | 33 | 64 | 41 | 108 | 41 | 107 | 28 | 63 |
| Leicester | 12 | 24 | 8 | 15 | 19 | 47 | 14 | 40 |
| Liverpool | 25 | 45 | 30 | 67 | 34 | 80 | 27 | 70 |
| Loughborough | 21 | 65 | 13 | 31 | 17 | 59 | 17 | 42 |
| Manchester | 33 | 102 | 26 | 54 | 14 | 38 | 20 | 48 |
| Newcastle | 10 | 21 | 10 | 19 | 15 | 31 | 12 | 27 |
| Northumbria | | | 7 | 14 | 3 | 6 | 9 | 16 |
| Nottingham | 9 | 16 | 19 | 32 | 11 | 17 | 12 | 22 |
| Reading | 4 | 6 | 3 | 6 | 3 | 4 | 4 | 4 |
| Sheffield | 15 | 31 | 15 | 43 | 19 | 39 | 14 | 41 |
| Southampton | 14 | 36 | 17 | 57 | 18 | 82 | 24 | 60 |
| Surrey | 4 | 13 | 8 | 21 | 12 | 29 | 12 | 32 |
| York | 9 | 28 | 14 | 34 | 11 | 38 | 12 | 48 |
| Total | 256 | 646 | 285 | 719 | 300 | 830 | 297 | 806 |

¹ 3 semester registrations for the 2 external assessed students 2015-16

In *Tables 7, 8* we show assessment data for each course broken down by course. In *Tables 9, 10* we show registration data for each node and broken down by course. *Table 11* shows a summary of the data for the last few years.

Table 7: Autumn 2015-2016 courses with numbers of registered students and number of students registered for assessment.

| | Course | Registered | Assessed |
|--------------|---|------------|---------------------|
| MAGIC002 | Differential topology and Morse theory (Andrew Lobb - Durham) | 19 | 13 (68.42%) |
| MAGIC008 | Lie groups and Lie algebras (Alexey Bolsinov - Loughborough) | 43 | 35 (81.40%) |
| MAGIC022 | Mathematical Methods (Jitesh Gajjar - Manchester) | 36 | 26 (72.22%) |
| MAGIC059 | Dynamical Systems I (Flows) (Jan Sieber - Exeter) | 24 | 17 (70.83%) |
| MAGIC060 | Dynamical Systems II (Maps) (Toby Hall - Liverpool) | 23 | 18 (78.26%) |
| MAGIC061 | Functional Analysis (Martin Lindsay - Lancaster) | 32 | 23 (71.88%) |
| MAGIC063 | Differentiable Manifolds (Kostas Skenderis - Southampton) | 35 | 23 (65.71%) |
| MAGIC066 | Numerical Analysis (Tim Phillips – Cardiff/Leicester) | 45 | 35 (77.78%) |
| MAGIC073 | Commutative Algebra (Evgeny Shinder - Sheffield) | 41 | 31 (75.61%) |
| MAGIC076 | The Heisenberg group in mathematics and physics (Vladimir V. Kisil - Leeds) | 17 | 12 (66.67%) |
| MAGIC080 | Geometric Mechanics (Cesare Tronci - Surrey) | 9 | 3 (33.33%) |
| MAGIC081 | String Theory (Thomas Mohaupt - Liverpool) | 13 | 8 (61.54%) |
| MAGIC084 | Singularity Theory (Victor Goryunov, Liverpool) | 14 | 8 (57.14%) |
| MAGIC090 | Introduction to Continuum Mechanics (Mitchell Berger – Exeter) | 27 | 17 (62.96%) |
| Total | | 378 | 269 (71.16%) |

Table 8: Spring 2015-2016 courses showing numbers registered and numbers of students registered for assessment.

| | Course | Registered | Assessed |
|--------------|--|------------|---------------------|
| MAGIC004 | Applications of model theory to algebra and geometry (Immanuel Halupczok, Leeds) | 17 | 10 (58.82%) |
| MAGIC006 | Compact Riemann Surfaces (Ian McIntosh, York) | 15 | 4 (26.67%) |
| MAGIC009 | Category Theory (Michael Rathjen, Leeds) | 41 | 25 (60.98%) |
| MAGIC010 | Ergodic Theory (Charles Walkden, Manchester) | 18 | 10 (55.56%) |
| MAGIC014 | Hydrodynamic Stability Theory (Jonathan Healey, Keele) | 23 | 15 (65.22%) |
| MAGIC021 | Nonlinear Waves (Roger Grimshaw, Loughborough) | 21 | 18 (85.71%) |
| MAGIC040 | Operator Algebras (Michael Dritschel, Newcastle) | 12 | 5 (41.67%) |
| MAGIC050 | Set Theory (David Aspero, UEA) | 18 | 9 (50.00%) |
| MAGIC058 | Theory of Partial Differential Equations (David Harris, Manchester) | 37 | 25 (67.57%) |
| MAGIC062 | Introductory Functional Analysis (John Pryce, Cardiff) | 15 | 8 (53.33%) |
| MAGIC064 | Algebraic Topology (Frank Neumann, Leicester) | 37 | 22 (59.46%) |
| MAGIC069 | Introduction to Quantum Information (Roger Colbeck, York) | 2 | 1 (50.00%) |
| MAGIC074 | Algebraic Geometry (Michael Bate, York) | 22 | 14 (63.64%) |
| MAGIC075 | Representation Theory of Groups (Kay Magaard, Birmingham) | 17 | 8 (47.06%) |
| MAGIC079 | Inverse Problems (Daniel Lesnic, Leeds/Manchester) | 17 | 11 (64.71%) |
| MAGIC082 | Banach spaces of analytic functions (Jonathan Partington, Leeds) | 10 | 4 (40.00%) |
| MAGIC083 | Integrable Systems (Alexander Mikhailov, Leeds) | 9 | 2 (22.22%) |
| MAGIC087 | Applied Algebraic Topology (Jacek Brodzki, Southampton) | 27 | 9 (33.33%) |
| MAGIC088 | Banach spaces and operator ideals (Niels Lausten, Lancaster) | 13 | 10 (84.62%) |
| MAGIC089 | Stochastic Processes (Jochen Broecker, Reading) | 27 | 11 (40.74%) |
| MAGIC091 | Mathematical Biology (Markus Owen, Nottingham) | 30 | 21 (70.00%) |
| Total | | 428 | 242 (56.54%) |

Table 9: Data for autumn 2015-2016 courses showing registration data broken down by node and course code. Note that in the 'Autumn Course code' row, the number in blue refers to a MAGIC course code, e.g. 061 is MAGIC061. The shaded boxes indicate which node delivered the course.

| | 002 | 008 | 022 | 059 | 060 | 061 | 063 | 066 | 073 | 076 | 080 | 081 | 084 | 090 | Node Totals |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|
| *External | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 3 | 1 | 3 | 3 | 1 | 1 | 2 | 24 |
| *Ext_Assessed | | 1 | | | | | 1 | | | | | | | | 2 |
| Birmingham | | 1 | 1 | | | 1 | 2 | 1 | 2 | 1 | | | | 1 | 10 |
| Cardiff | | 1 | 5 | | 1 | 1 | | 6 | 3 | | 1 | | 1 | 5 | 24 |
| Durham | 1 | 1 | | | 2 | 2 | 1 | 1 | 1 | 2 | | | 1 | 1 | 13 |
| East Anglia | | 3 | 4 | | 1 | 1 | | | 3 | | | | | 2 | 14 |
| Exeter | | | 1 | 7 | 6 | 2 | 2 | 6 | | | | | 3 | | 27 |
| Keele | | | 3 | | | | | | | | | | | | 3 |
| Lancaster | | 1 | 1 | | 2 | 4 | | | 3 | 2 | | | | | 13 |
| Leeds | 2 | 8 | 1 | | 2 | | 3 | 1 | 3 | 3 | | | 1 | | 24 |
| Leicester | | 5 | 1 | | | 1 | 1 | 2 | 7 | | | | | | 17 |
| Liverpool | 3 | 4 | | 2 | 3 | 2 | 1 | 5 | 6 | 1 | | 3 | 4 | 3 | 37 |
| Loughborough | 1 | 3 | 2 | 6 | 1 | 1 | 2 | 4 | | | 1 | | 1 | | 22 |
| Manchester | | 1 | 4 | 1 | | | 3 | 7 | 1 | | 1 | | | 6 | 24 |
| Newcastle | | 1 | | | 1 | 4 | 1 | | 3 | | | 1 | | 2 | 13 |
| Northumbria | | | 5 | 3 | 1 | | 1 | 3 | | | | | 1 | 2 | 16 |
| Nottingham | 2 | 1 | 1 | | | 1 | | 1 | | 1 | | 2 | | | 9 |
| Reading | | | | | 1 | 1 | | | | | | | | | 2 |
| Sheffield | 2 | 5 | | | | | 5 | | 3 | | 1 | 3 | | | 19 |
| Southampton | 4 | 3 | 1 | 1 | | 2 | 6 | 3 | 5 | | | 1 | 1 | 2 | 29 |
| Surrey | 3 | 1 | 3 | 2 | 1 | | 1 | 2 | | 2 | 2 | | | | 17 |
| York | | 2 | 1 | | | 8 | 3 | | | 2 | | 2 | | 1 | 19 |
| Autumn course code: | 002 | 008 | 022 | 059 | 060 | 061 | 063 | 066 | 073 | 076 | 080 | 081 | 084 | 090 | |
| Course Totals | 19 | 43 | 36 | 24 | 23 | 32 | 35 | 45 | 41 | 17 | 9 | 13 | 14 | 27 | 378 |

Table 10: Data for spring 2015-2016 showing registration data broken down by node and course code (cont'd on next page). Note the in the 'Spring Course code' row, the number in blue refers to a MAGIC course code e.g. 004 is MAGIC004. The shaded boxes indicate which node delivered the course.

| | 004 | 006 | 009 | 010 | 014 | 021 | 040 | 050 | 058 | 062 | 064 | 069 | 074 | 075 | 079 | 082 | 083 | 087 | 088 | 089 | 091 | Node Totals |
|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|
| *External | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 27 |
| *Ext_Assessed | | | 1 | | | | | | | | 1 | | | | | | 1 | | | | | 3 |
| Birmingham | | | 1 | | 1 | | 1 | 1 | | | 2 | | | 1 | | | | | | 1 | 1 | 9 |
| Cardiff | | 1 | | 2 | 1 | 1 | | 6 | 1 | 1 | | 1 | 1 | 2 | | | | 1 | 2 | 1 | | 21 |
| Durham | | 4 | 3 | 1 | 1 | 1 | | 2 | 1 | 1 | 1 | 2 | 1 | 1 | | 1 | 1 | | | 1 | | 22 |
| East Anglia | 3 | | 2 | | 4 | 3 | 1 | 3 | 3 | | 1 | | 1 | 2 | | | | | 1 | 2 | 1 | 27 |
| Exeter | | | | 6 | 4 | 3 | 1 | | 2 | 1 | | | | | 1 | | 1 | | | 2 | 3 | 24 |
| Keele | | | | | | | | | 1 | | | | | | | | | | | | 1 | 2 |
| Lancaster | 1 | | 3 | 3 | | | 3 | | 1 | | 2 | | 2 | | | 3 | | | 8 | 2 | | 28 |
| Leeds | 4 | 3 | 3 | 2 | | | | | 4 | 1 | 2 | | 3 | 2 | 3 | 2 | 2 | 5 | | 1 | 2 | 39 |
| Leicester | 1 | | 6 | 1 | 1 | | 1 | 1 | | 2 | 5 | | 1 | 2 | 1 | | | | | | 1 | 23 |
| Liverpool | 1 | 2 | 2 | | | 1 | | 2 | 4 | 2 | 4 | | 2 | | 4 | | 1 | 3 | | 3 | 2 | 33 |
| Loughborough | | 1 | | 3 | | 2 | | 1 | 3 | 2 | 1 | 1 | | 1 | | | 1 | 1 | | | 4 | 20 |
| Manchester | | | | 2 | 4 | | 1 | 6 | 1 | | 1 | | 1 | 1 | | 1 | | | | 1 | 6 | 24 |
| Newcastle | | | 2 | | 1 | 1 | 1 | 2 | | | 2 | | | | | 3 | | | 2 | | | 14 |
| Northumbria | | | | | | | | | | | | | | | | | | | | | | 0 |
| Nottingham | 1 | | 2 | | 1 | | 1 | | | 1 | 1 | | | | 2 | 1 | | | | 2 | 1 | 13 |
| Reading | | | | | | | | | | | | | | | | | | | | 2 | | 2 |
| Sheffield | 2 | 1 | 2 | | | | | 2 | | | 5 | | 3 | 3 | | | 3 | | | 1 | | 22 |
| Southampton | 1 | | 3 | | | 2 | | 1 | 2 | | 4 | | 3 | 1 | | | | 12 | | 1 | 1 | 31 |
| Surrey | | | 2 | | 3 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | | | | 4 | 15 |
| York | 1 | 2 | 7 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 3 | | 2 | 2 | | | | | | 3 | 1 | 29 |
| Spring course code | 004 | 006 | 009 | 010 | 014 | 021 | 040 | 050 | 058 | 062 | 064 | 069 | 074 | 075 | 079 | 082 | 083 | 087 | 088 | 089 | 091 | |
| Course Totals | 17 | 15 | 41 | 18 | 23 | 21 | 12 | 18 | 37 | 15 | 37 | 2 | 22 | 17 | 17 | 10 | 9 | 27 | 13 | 27 | 30 | 428 |

Table 11: Summary of registration data per node.

| | 2010-11 | | | 2011-12 | | | 2012-13 | | | 2013-14 | | | 2014-15 | | | 2015-16 | | |
|-------------------|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|
| | Autumn | Spring | Total | Autumn | Spring | Total | Autumn | Spring | Total | Autumn | Spring | Total | Autumn | Spring | Total | Autumn | Spring | Total |
| External | | | | | | | 3 | 3 | 6 | 0 | 1 | 1 | 20 | 18 | 38 | 24 | 27 | 53 |
| External Assessed | | | | | | | | | | | | | | | | 2 | 3 | 4 |
| Birmingham | 22 | 22 | 44 | 28 | 29 | 57 | 28 | 26 | 54 | 22 | 19 | 41 | 11 | 12 | 23 | 10 | 9 | 19 |
| Cardiff | 17 | 11 | 28 | 11 | 8 | 19 | 13 | 14 | 27 | 17 | 9 | 26 | 26 | 24 | 50 | 24 | 21 | 46 |
| Durham | 14 | 9 | 23 | 8 | 14 | 22 | 16 | 9 | 25 | 13 | 4 | 17 | 12 | 12 | 24 | 13 | 22 | 35 |
| East Anglia | 27 | 18 | 45 | 16 | 15 | 31 | 22 | 12 | 34 | 28 | 32 | 60 | 14 | 29 | 43 | 14 | 27 | 41 |
| Exeter | 38 | 20 | 58 | 12 | 12 | 24 | 11 | 22 | 33 | 20 | 24 | 44 | 15 | 19 | 34 | 27 | 24 | 51 |
| Keele | 3 | 0 | 3 | 2 | 4 | 6 | 1 | 1 | 2 | 0 | 0 | 0 | 4 | 2 | 6 | 3 | 2 | 5 |
| Lancaster | 23 | 14 | 37 | 2 | 1 | 3 | 8 | 6 | 14 | 16 | 13 | 29 | 15 | 20 | 35 | 13 | 28 | 40 |
| Leeds | 29 | 25 | 54 | 28 | 24 | 52 | 33 | 31 | 64 | 50 | 58 | 108 | 50 | 57 | 107 | 24 | 39 | 64 |
| Leicester | 8 | 6 | 14 | 2 | 0 | 2 | 15 | 9 | 24 | 6 | 9 | 15 | 23 | 24 | 47 | 17 | 23 | 40 |
| Liverpool | 15 | 10 | 25 | 22 | 24 | 46 | 22 | 23 | 45 | 39 | 28 | 67 | 37 | 43 | 80 | 37 | 33 | 74 |
| Loughborough | 60 | 61 | 121 | 51 | 31 | 82 | 35 | 30 | 65 | 21 | 10 | 31 | 38 | 21 | 59 | 22 | 20 | 45 |
| Manchester | 73 | 81 | 154 | 29 | 26 | 55 | 51 | 51 | 102 | 28 | 26 | 54 | 19 | 19 | 38 | 24 | 24 | 55 |
| Newcastle | 20 | 16 | 36 | 17 | 8 | 25 | 13 | 8 | 21 | 10 | 9 | 19 | 13 | 18 | 31 | 13 | 14 | 26 |
| Northumbria | | | | | | | | | | 8 | 6 | 14 | 3 | 3 | 6 | 16 | 0 | 18 |
| Nottingham | 2 | 5 | 7 | 7 | 7 | 14 | 11 | 5 | 16 | 15 | 17 | 32 | 8 | 9 | 17 | 9 | 13 | 22 |
| Reading | 9 | 2 | 11 | 5 | 1 | 6 | 5 | 1 | 6 | 2 | 4 | 6 | 1 | 3 | 4 | 2 | 2 | 4 |
| Sheffield | 26 | 11 | 37 | 10 | 13 | 23 | 19 | 12 | 31 | 21 | 22 | 43 | 17 | 22 | 39 | 19 | 22 | 41 |
| Southampton | 20 | 11 | 31 | 18 | 20 | 38 | 22 | 14 | 36 | 29 | 28 | 57 | 45 | 37 | 82 | 29 | 31 | 60 |
| Surrey | 12 | 0 | 12 | 6 | 8 | 14 | 8 | 5 | 13 | 16 | 5 | 21 | 13 | 16 | 29 | 17 | 15 | 39 |
| York | 12 | 12 | 24 | 23 | 20 | 43 | 18 | 10 | 28 | 21 | 13 | 34 | 21 | 17 | 38 | 19 | 29 | 48 |
| Total | 430 | 334 | 764 | 297 | 265 | 562 | 354 | 292 | 646 | 382 | 337 | 719 | 405 | 425 | 830 | 378 | 428 | 806 |