Using data across the student life-cycle to inform student success provision

Mike Kerrigan, Schools, Colleges & Community Outreach

10th December 2015

Introduction

- BIS Green paper: Teaching excellence, Social Mobility and Student Choice

- Student success trends by disadvantaged groups

- TEF common metrics

- Responding to the evidence

- The role of the NTU student learning analytics dashboard

TEF criteria and metrics

- *"We recognise students from some disadvantaged backgrounds tend not to perform as well as other students across many outcome measures. … Institutions with high proportions of such students may be penalised by the use of raw (or even benchmarked) quality metrics. We propose that all metrics will therefore be broken down and reported by disadvantaged backgrounds and under-represented groups, and this information will be used in making TEF assessments."*

(BIS Green paper, Chapter 3, para 4, pg. 31)

Life-cycle approach to tracking student success

- Interpretation of equality and diversity and WP data to align with OFFA requirements

- Access, student success & progression OFFA targets

- Use data and evidence to inform decision making
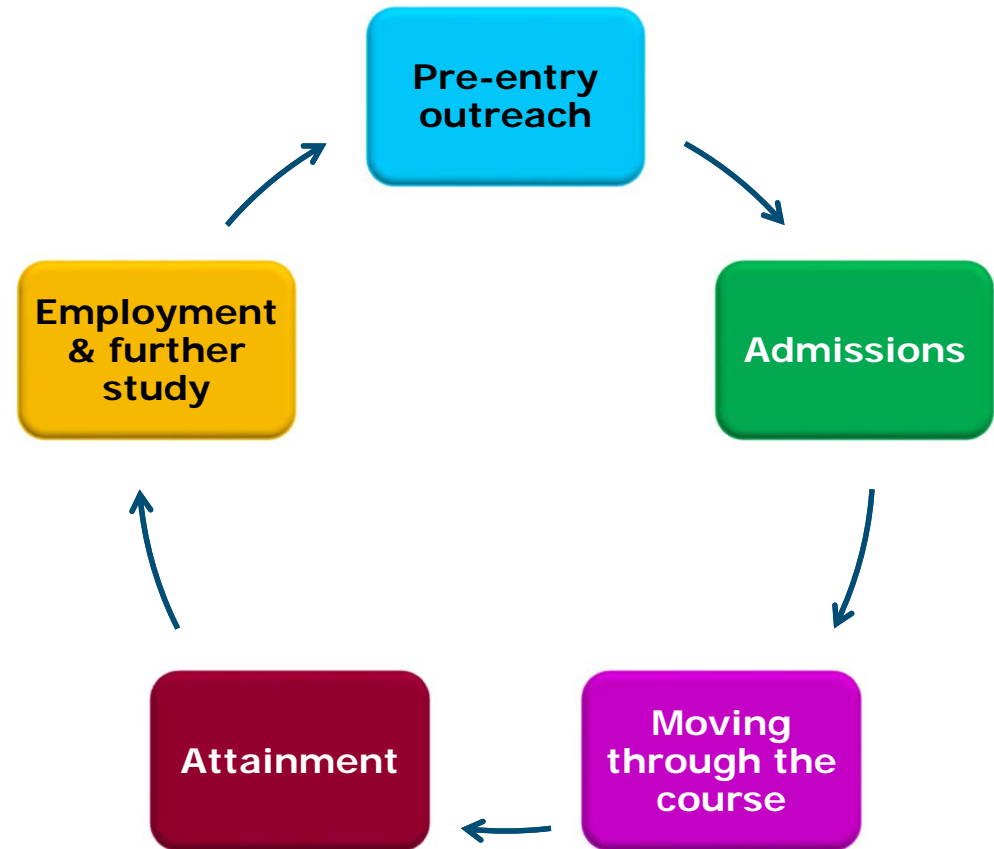
Informing student success provision

- Success for all
  - 9 pilot projects developed in 2014/15
  - Action research extended to 2015/16 and beyond
  - Establish 'what works' to narrow the gap

- TILT BTEC Champions
  - University wide initiative
  - Identify, plot and evaluate interventions aimed at supporting BTEC entrants
  - Closely associated with 'success for all'

- Targeting specific groups for intervention

- The role of the NTU student dashboard

Implications of research findings

- Low engagement as recorded by the dashboard correctly identifies students most at risk of
  - Withdrawing from study
  - Academic failure
  - Achieving inferior degree classification

- Therefore can target student behaviours, rather than (or as well as) student characteristics

TEF metrics

- 'Common' metrics derived from national datasets
  - Employment/destination
  - Retention/continuation
  - Student satisfaction indicators

- Additional 'common' metrics
  - Learning gain (value added)
  - Engagement with study

- Institutional evidence
  - Internal metrics

- One size does not fit all!

Summary

- TEF metrics (common and institution-specific) *must* take account of HEIs' student profile

- Student success analytics across the student life-cycle can and should inform institutional action

- Learning analytics permits the targeting of student behaviours

NTU