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The value of public sector degree apprenticeships

Nicola Turner MBE

Head of Skills

Middlesex University, September 2018

On Twitter at
[@NicTurner2013](https://twitter.com/NicTurner2013)

Public Sector DAs

- Higher level skills gaps in relation to public sector
- Are apprenticeships the answer?
- Latest data - Apprenticeship characteristics
- Challenges



Demand for higher level skills

- UK generated 440,000 new higher level vacancies and 136,000 new grads entered labour market in 2017.
- 5.1% unemployment rate lowest since 1989 (data also includes some grads waiting to start on contracts)
- Bank of England v vocal that skills gaps are one of biggest issues facing UK economy, supported by British Chambers of Commerce
- Evidence that public sector losing out to private sector in race for higher level talent, esp support occupations digital, management, finance, HR



Feature: **Digital Britain**

Bridging the public sector digital skills gap

- 40 per cent of public sector organisations do not have the right skills in place to adapt to digital transformation.
- private sector is doing a better job of drawing from the already-scarce digital talent base
- shortfall of 1.8 million open and unfulfilled cyber security positions by 2022

Addressing the Cyber Security Skills Gap in the UK Public Sector

Written by Richard De Witt Jansen-Hull, IBM on 13 February 2018 in Sponsored Article

IBM looks at how innovative new approaches and game-changing technology can help address the cyber skills gap in the UK Public Sector

Public sector is a major consumer of graduates

Most common grad jobs:

- Nursing tops the chart 15,830
- Medical practitioners 5975
- Primary teachers 5475

Sectors which recruited at least 1000 grads in 2017:

- Hospitals 25,555
- Primary Education 5,135
- Other Health 4,130
- Government 3,430
- Tertiary Education 3,905

Are public sector degree apprenticeships the solution to this talent shortage?

Ready to deliver - standards



Degree Apprenticeships ready for delivery - Updated 9th August

Business & admin	Chartered Manager; Project Manager	6
Construction	Building Services Design Engineer; Building Services Engineering Site Management; Chartered Surveyor; Civil Engineer; Civil Engineering Site Management; Geospatial Mapping & Science; Senior/Head of Facilities Management; Architectural Assistant	6
Construction	Architect	
Creative & design	Outside Broadcasting Engineer	7
Digital	Digital & Technology Solutions; Digital Marketer	6
Digital	Digital & Technology Solution Specialist	7
Engineering & manufacturing	Aerospace Engineer; Aerospace Software Development Engineer; Control/Technical Support Engineer; Electrical/Electronic Technical Support Engineer; Embedded Electronic Systems Design & Development Engineer; Food & Drink Advanced Engineer; Manufacturing Engineer; Non-Destructive Testing Engineering; Nuclear Scientist & Nuclear Engineer; Ordnance, Munitions & Explosives (OME) Professional; Product Design & Development Engineer; Rail & Rail Systems Senior Engineer; Science Industry Process/Plant Engineer; Packaging Professional	6
Engineering & manufacturing	Postgraduate Engineer; Power Engineer; Process Automation Engineer; Systems Engineering Master's Level; Rail & Rail Systems Principle Engineer	7
Health & science	Food Industry Technical Professional; Healthcare Science Practitioner; Laboratory Scientist; Podiatrist; Registered Nurse ; Clinical Trials Specialist; Operating Department Practitioner ; Paramedic	6
Health & science	Advanced Clinical Practitioner	7
Leadership & Mgt	Senior Leader	7
Legal, fin, & accounting	Professional Economist	6
Protective services	Police Constable	6
Sales, marketing, & procurement	Business to Business Sales Professional	6

All apprenticeships on this page contain prescribed HE qualification

L6 & L7 Apprenticeships ready for delivery

Childcare & education	Teacher	6
Childcare & education	Academic Professional	7
Legal, finance, & accounting	Chartered Legal Executive; Financial Services Professional; Licenced Conveyancer; Relationship Manager (Banking); Senior Compliance/Risk Specialist; Senior Insurance Professional	6
Legal, finance, & accounting	Accountancy/Taxation Professional; Actuary; Internal Audit Professional; Senior Investment/Commercial Banking Professional; Solicitor	7

All apprenticeships on this page contain NO degree or other prescribed HE qualification

Last updated: 9th August 2018

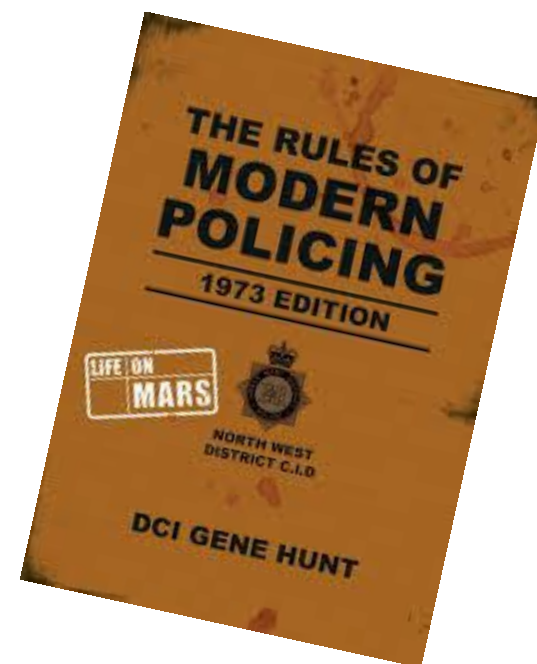
Total DA starts vs Nursing starts

Of the total 8,580 starts in 2017/18 last reported by DfE as of the end of the third quarter of the year,

- 260 were on the registered nurse standard
- 210 were female, and 50 male
- 160 of the female students were 25 or over, as were 40 of the male. The remainder were 19-24

Professionalisation of Policing

- Modern policing – complex decision making, digital skills, analysis
- Degree Apprenticeship Development Funding projects upwards of 5k apprentices
- Professional body involvement is essential, but like many other occupations, it can complicate and delay
- DA seen as route to improve diversity and inclusion
- Interest from the National Crime Agency in developing a L6 Serious and Complex Crime apprenticeship.



In development

- District nurse (level 7)
- Early years lead practitioner
- Physician associates
- Physiotherapist
- Probation officer
- Prosthetist/Orthotist
- Public health practitioner

- Serious and complex crime investigator
- Social worker
- Sonographer
- Specialist community and public health nurse
- Speech and language therapist
- Therapeutic radiographer
- Youth worker

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Thank you for listening

Email nicola.turner@officeforstudents.org.uk

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