

This document has been archived.
Current information about Defence Equipment and Support (DE&S) apprenticeship opportunities
can be found at the following link:
<https://www.gov.uk/government/publications/defence-equipment-and-support-des-graduate-and-apprentice-opportunities>

Nuclear Undergraduate Apprenticeship Scheme 3 to 5 years

This is an exciting, challenging, and exceptional opportunity to be involved in the UK Ministry of Defence submarine and strategic Weapons Programmes

Successful applicants will undertake a comprehensive framework of practical and academic training, including a foundation degree or full degree for individuals with the greatest potential. Apprentices will also complete a number of work based training placements and defence specific nuclear training at various locations within the UK while completed relevant vocational qualifications in preparation for engineering roles within the MOD Current and Future Submarine and Strategic Weapons Programme

Entry requirements

5 GCES at grade C to A* including English, mathematics and science (preferably physics)

plus

3 A Levels including Mathematics minimum grade B, science (preferably physics) minimum grade B plus 1 other at minimum grade C (excluding general studies)

Or

A national diploma in engineering at D*D* Level (280 UCAS Points)

Selection process

Following an initial sift candidates will be called for:

Functional Skills, numeracy, literacy, electrical and mechanical engineering aptitude tests

The top performers from these tests will be taken forward to an assessment process involving leadership, team working and problem solving challenges followed by formal interview.

Successful candidates will be offered a place on the apprenticeship subject to subject to obtaining any predicted grades and satisfactory references, security and health checks.

Guidance on the process will be given before each stage of the process.

Potential candidates should note that this apprenticeship is a pilot scheme and should expect that some elements of the apprenticeship may be altered.

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Year 1

Attendance at Bridgwater College to complete National Vocational Qualification NVQ Level 2 Performing Engineering Operations

and

Commence Foundation Degree FD in Engineering

Year 2

Continue part time with the FD while undertaking work based placements and starting NVQ Level 4 in engineering manufacture

Year 3

Complete FD and work towards the completion of the NVQ

Year 4

Complete NVQ L4

And for those that achieve all targets and show themselves capable, academically, of successfully completing the higher qualification, start part time degree in engineering BEng at University of West of England UWE

Year 5

Complete BEng

Typical placements could involve working with project teams at DE&S HQ in Abbey Wood Bristol, supporting our partners on the Astute Submarine Programme at Barrow in Furness Cumbria, assisting in the development of the next generation