

TRANSPORT PLANNING DEGREE APPRENTICESHIP



✓ Developing experts in transport planning

Aston's Transport Planning Degree Apprenticeship is the first of its kind in the UK and has been developed in close partnership with specialist transport consultancies, local authorities and governing bodies to create a programme that meets the needs of the transport industry. Apprentices will be immersed in the economic, operational and environmental issues related to the transport profession. In addition, they will acquire the professional, academic and management skills necessary to succeed in any sector of the industry and to move between sectors throughout their career.

- Aston University has been ranked 14th in a Top 50 list of the UK's best Training Providers (RateMyApprenticeship Awards 2021-22)
- Apprentices will gain the specialist knowledge required for a successful career in transport planning
- Aston University has a strong track record of excellence in transport education
- The Aston University campus is based right in the heart of the UK's transport network



Key information

Degree Apprenticeship Standard
Level 6 Transport Planner

Qualifications

- BSc in Transport Planning
- Apprenticeship certificate

Programme duration

Five years

Start date

September

Fees

The costs of this programme are covered by the apprenticeship levy. For the latest information about the funding band for this apprenticeship visit [instituteforapprenticeships.org](https://www.instituteforapprenticeships.org)

Who is this apprenticeship for?

This degree apprenticeship is for aspiring transport planners who are looking to learn on the job. The programme is suitable for school leavers, learners who have completed the Level 3 Transport Planning Technician Apprenticeship and those in entry-level roles in specialist consultancies, local authorities, government departments and agencies.

Course outline

The apprenticeship is taught at undergraduate levels (apprenticeship Levels 4 to 6) through a set of core modules that will provide the theory needed in the day-to-day role of a transport planner.

Stage one

- Introduction to Transport
- Study and Research Skills
- Transport and Engineering Economics
- Mathematics for Transport Planners
- Law and the Regulatory Environment
- Modelling and Optimisation
- Application of Transport Models.

Stage two

- Managing Engineering Projects
- Sustainable Transport Planning
- Managing Data in Transport Projects
- Impact Assessment
- Understanding People
- Advanced Transport Modelling
- Transport Infrastructure Engineering.

Final stage

- Designing Transport Solutions
- Empathy and Human Factors in Transport
- Developing Leadership
- Transport Design Project
- Synoptic Project.

Learning and teaching

Teaching will be delivered in one-week block sessions six times per year. Apprentices will be based on campus during these study weeks, learning through lectures and interactive workshops, giving them an opportunity to work collaboratively with apprentices from other organisations.

The rest of the course is delivered through online and independent learning. Online teaching is delivered through our virtual learning environment, Blackboard. This platform allows apprentices access to a comprehensive range of study materials, recorded lectures, online tutorials, e-journals and much more. Online learning gives apprentices the flexibility to study from any location without the need to frequently travel to the Aston University campus.



Assessment

Apprentices will be assessed regularly throughout the programme through a combination of coursework, formal examinations and presentations. In the final year, apprentices will complete a large work-based project requiring them to use all the theory and skills gained throughout the apprenticeship. Apprentices will focus on a project in their organisation and produce a report that provides valuable insight for their business.

The portfolio

Throughout the programme apprentices will complete a portfolio of evidence of their new skills and knowledge ready for the end point assessment.

Every apprentice is allocated a dedicated degree apprenticeship tutor who will support their learning and skills development. They are there to help apprentices translate their theoretical learning into practical application in the workplace.

The end point assessment

The apprenticeship concludes with the end point assessment (EPA). The EPA gives the apprentices the opportunity to showcase their academic, personal and professional development achievements throughout the apprenticeship. It consists of a review of the apprentice's final project and portfolio, followed by an interview. After the interview, based both on the apprentice's performance and portfolio, the assessors consider what grade should be awarded for the apprenticeship – fail, pass, merit or distinction.



LEARNING WITH A DIFFERENCE



Entry requirements

To be considered for this programme, Aston University expects that applicants will have/are predicted to achieve three A Levels at CCC or above.* Maths, Geography or Economics would be advantageous, but not essential. Equivalent BTECs and the Transport Planning Technician Apprenticeship are also accepted.

Apprentices must also meet the following criteria set by the government:

- Be employed in a job in England with responsibilities aligned with the degree content
- Have a minimum of Grade C/4 in GCSE Mathematics and English (or equivalent)
- Be a UK/EU/EAA resident for at least three years prior to starting the course
- Have left full-time education when the apprenticeship starts
- Be at least 16 years old.

*Please note:

- Employers may specify their own entry criteria that can exceed this.
- Candidates who do not have three A Levels at CCC (or equivalent) may be considered on a case by case basis with aptitude and experience taken into consideration.

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aston.ac.uk/tp

Next steps

I am a student

You'll need to be in employment to start this degree apprenticeship. If you've not started your career yet, the best way to join us is to apply for a suitable degree apprenticeship vacancy with one of our partner employers. Find out more about the application process: aston.ac.uk/da-apply

I have started my career

Applications should be made through your employer who will need to be in partnership with Aston University. You should check this with your line manager who can get in touch with our Apprenticeship Team by emailing apprenticeships@aston.ac.uk to find out more about working with us.

I am an employer

Our team of degree apprenticeship experts are on hand to advise you on your options and answer your questions. Whether you are interested in training existing staff or hiring new talent, our team can support you through the process.

Learn more about this degree apprenticeship on our website:

aston.ac.uk/tp

Or get in touch with the Apprenticeship Team to ask a question or register an interest in the programme.

apprenticeships@aston.ac.uk

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