



STAFFORDSHIRE  
UNIVERSITY



**BSc(Hons)  
Digital Film and 3D  
Animation Technology**

**UCAS Code:  
G450**

**UNDERGRADUATE  
COURSE INFORMATION**

## Key Facts

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Faculty of Computing,  
Engineering and  
Technology

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Location:  
Stafford Campus

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Duration:  
3 years full-time  
4 years with placement  
year

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Entry requirements:  
Typical offer: 280 UCAS  
points.  
A levels: BBC or CCC  
plus C at AS.  
BTEC: DMM.  
All applicants are  
individually assessed.  
Detailed entry  
requirements can be  
found on each of our  
online course pages or by  
visiting [www.staffs.ac.uk/  
ugentryrequirements](http://www.staffs.ac.uk/ugentryrequirements)

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Accredited by the IET

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Collective **inspiration**

## At-a-glance

This award is aimed at students who wish to graduate to a career in the field of visual effects for film, TV or games production. Recent film productions such as Avatar have encouraged more young people to consider the possibility of studying an award in Digital Effects and to work for the great UK visual effects houses such as Framestore, The Mill, Envy Post, Market Place Post and Cinesite where our recent graduates have found work

Year 1 studies digital video production alongside scriptwriting techniques and get your first taste of 3D modelling scene creation, lighting and materials.

In your second year you will study digital compositing techniques, rotoscoping, patching shots, painting and cloning, motion graphics, compositing with green screens, 3D modeling and camera projection, cinematography and rendering for photo quality finish

In the third year you study advanced 3D lighting, digital simulations, shooting for VFX, advanced digital compositing and the final year project

# Course Outline

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## Year 1

- Film Technology
  - Introduction to 3D Modelling for Games
  - Digital Image Production
  - Vector Graphics Technology
  - Introductory CGI
  - Option modules include:
    - Audio Visual Technology
    - Motion Capture
    - Geometry and Dynamic Character Design
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## Year 2

- Rendering for Design Presentations
  - 3D Graphics Technology for Film
  - Visual Media Applications
  - 3D Modelling for Film
  - Cinematography Technology
  - Option modules include:
    - 3D Facial Modelling
    - 3D Computer Animation
    - Video Editing Technology
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## Optional placement year

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## Year 3

- Entertainment Research Project Dissertation and Portfolio
  - Compositing for Film and Video
  - Lighting Techniques
  - Matchmoving for Film and Video
  - Option modules include:
    - Audio for Computer Games
    - Video Recording and Production
    - Advanced Negotiated Entertainment Project
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# THE STAFFORDSHIRE GRADUATE

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**EMPLOYABLE.  
ENTERPRISING.  
ENTREPRENEURIAL.**

The information in this leaflet is correct at the time of publication, but may be subject to change.

For the latest information visit [www.staffs.ac.uk/undergraduate](http://www.staffs.ac.uk/undergraduate) or contact our enquiries team on t: 01782 294400 e: [enquiries@staffs.ac.uk](mailto:enquiries@staffs.ac.uk)

**Study at Staffs and we'll help you to develop the skills and qualities necessary for success in the 21<sup>st</sup> Century.**

By working together, we'll aim to equip you to become 'The Staffordshire Graduate' – an individual with the knowledge, personal attributes and expertise that employers look for, and the ability to stand out in the job market.

With a thorough understanding of your chosen field, you'll be a reflective, critical learner with a truly global perspective. Work-ready and highly employable, you'll also fully understand the importance of being enterprising and entrepreneurial – essential skills whether you go into employment or start your own business.

Detailed entry requirements can be found on each of our online course pages or by visiting [www.staffs.ac.uk/ugentryrequirements](http://www.staffs.ac.uk/ugentryrequirements)

For full, up-to-date details of our degrees and other courses, visit: [www.staffs.ac.uk/undergraduate](http://www.staffs.ac.uk/undergraduate)

For lots of friendly help and advice: t: 01782 294400 e: [enquiries@staffs.ac.uk](mailto:enquiries@staffs.ac.uk)

You can also find us on:

