Anatomy at Bristol

Visit days

Dr Jenny McNamara

bristol.ac.uk/study/undergraduate/2020/anatomy/
Talk content

Introduce key staff

Introduce the Centre for Applied Anatomy

The Applied Anatomy BSc
Introductions

▪ Admissions Tutor:
  Dr Jenny McNamara, Senior Teaching Fellow
  (jenny.mcnamara@bristol.ac.uk)

▪ Programme Director:
  Dr Michelle Spear
  (michelle.spear@bristol.ac.uk)

▪ Senior Tutor:
  Ms Liz Gaze
  (liz.gaze@bristol.ac.uk)

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Introductions

- Year one lead:
  Dr Jenny McNamara, Senior Teaching Fellow
  (jenny.mcnamara@bristol.ac.uk)

- Year two lead:
  Ms Lucy Hyde
  (lucy.e.hyde@bristol.ac.uk)

- Year three lead:
  Dr Charlotte Miller
  (charlotte.miller@bristol.ac.uk)
Admissions Tutor

- Making decisions over specific issues such as suitability of prior qualifications (admissions are centralised)

- Running open days and visit days for the Applied Anatomy BSc

- Ensuring that suitable feedback is given to all unsuccessful candidates who request this

- Staff student liaison committee member

- Outreach and widening participation activities (e.g. university open days, careers fairs, school visits etc.)

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Programme Director

- The maintenance of academic standards of the programme
- The quality of education and educational support in the programme
- Programme review and development
- The day-to-day running of the programme

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Senior Tutor

- Overseeing the overall provision of ‘student support’
- Offering specific advice to students on matters of academic process such as appeals, progression, transfers, withdrawals and suspension of studies
- Offering additional pastoral support to students when needed
- Monitoring student progress
- Supporting and advising Academic Personal Tutors
- Being a member of relevant School committees such as the School Staff-Student Committee and the Special Circumstances Committee
The Centre for Applied Anatomy

Home to:

- human and veterinary dissection rooms, HASS, imaging suite
- two lecture theatres seating up to 150
- tutorial rooms
- veterinary museum
- mezzanine floor
- student common rooms
- Vesalius Clinical Training Unit

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Who is the Applied Anatomy course aimed at?

- Anyone interested in anatomy!
- Want to go into an anatomical-related career
- Aspiring scientists, academics, researchers, educators
- Undecided about future career want a good science degree with extensive transferable skills

- People considering health professions requiring further study (med, dent, vet, physio etc.)*

* Entry requirements for professional programs must be carefully checked for each institution. Most are dependent on achieved GCSE and A-levels grades and individual degree modules completed, and may not be fully funded by student finance.
What can you do with an Applied Anatomy degree?

Anatomy-specific roles

- Anatomist: education, prosector, dissection room management etc
- Illustrator, animator
- Science writer, journal editor, media
- Product development (e.g. Adam Rouilly, Stryker)
- Clinical coding
- Medical sales (medical technology/equipment, text books, lab equipment)

Further training

- Research: MSc, PhD, PGCE
- Professional programmes/allied health professions-*check entry requirements at each institution
- NHS: Clinical scientist
- Graduate entry schemes in science and industry e.g. PWC, P&G, Boots
NHS Clinical Scientist role

- Healthcare scientists: making a difference to patients
- Involved in 80% of clinical decisions

Scientist Training Programme (STP): a three-year programme of work-based learning, underpinned by a University accredited master's degree. Trainees are employed by an NHS Trust for the duration of the programme and will be required to spend time in a range of settings, before specialising in the last two years of the programme.


healthcareers.nhs.uk/news/nhs-scientist-training-programme-2020-recruitment

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Applied Anatomy at Bristol: ethos

1. Deep understanding of the structure of the body of an animal or human is gained by studying equivalent structures in different animals

- principles of vertebrate design
- comparative anatomy
Applied Anatomy at Bristol: ethos

2. Deep understanding of anatomical structure is best gained by dissection, supplemented by:

- study of prosections
- study of imaging
- applying the anatomy to a clinical situation
- online interactive resources
Course structure: overview

Year one:
- Understanding body structure (40CP)
- Understanding body function (40CP)
- Neuroscience

Year two:
- Human and veterinary anatomy (40CP x 2)
- Anatomy by dissection (20CP)
- Visualising anatomy through imaging (20CP)

Year three:
- Advanced applied anatomy (120CP)

Vertical enrichment theme: PPD

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Course content:
Year one Applied Anatomy

- Understanding body structure (40CP)
- Understanding body function (40CP)
- Introduction to neuroanatomy and functional neuroanatomy (40CP)
Course content:
Year two

- Human and veterinary
- Detailed study of human and veterinary anatomy
- Anatomy by dissection (20CP)
- Human or animal
- Visualising anatomy through imaging (20CP)
Course content: Year three

Advanced applied anatomy
- Research-led
- Variation, aging, disease and dysfunction
- PPD and professional skills in anatomy

Honours research project
- Methods and communication
Why Applied Anatomy at Bristol?

**Dissection: whole human or animal body**
Only anatomy degree to enable specialization in human and veterinary anatomy

**Transferable skills – PPD/vertical enrichment programme**
Focus on employability

**Clinical and industrial links**
Vesalius clinical training Unit
CPD Division

**Wide range of third year research projects**
Leading researchers, clinicians, anatomists

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