

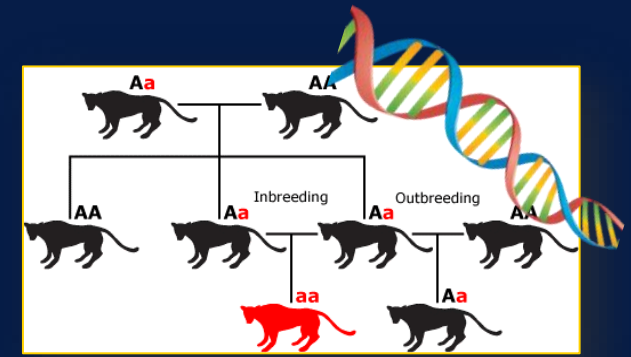
A large, dark-colored building with a red-tiled roof and a central tower with a green roof. The building is surrounded by green lawns, trees, and a few cars parked in front. The sky is clear and blue.

Welcome to ARU Writtle
**Animal & Veterinary
Physiotherapy**



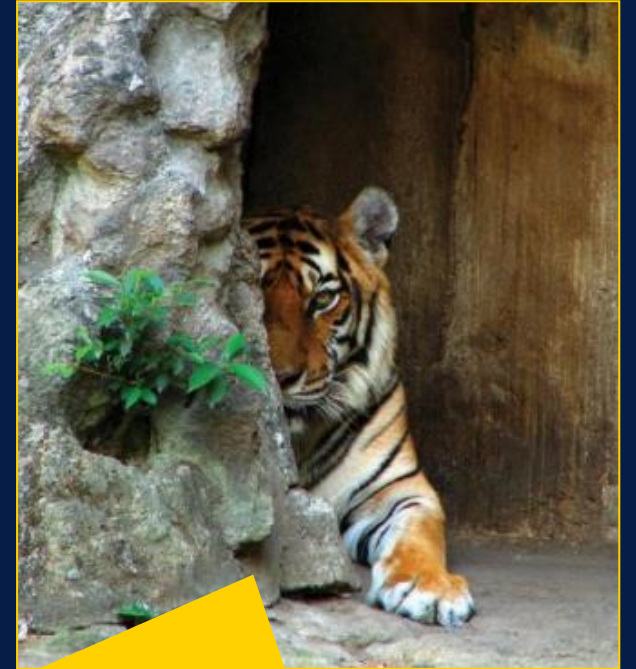
Our Courses

- BSc Animal Science
- BSc Animal Management (**Zoo and Wildlife Conservation**)
- BSc Animal Management (**Pet Behaviour and Welfare**)
- BSc (Hons) Conservation and Community Engagement



Zoo and Wildlife Conservation

- Passionate about zoo animals and wildlife?
- Interested in the zoo industry ...
- ... with both UK and international wildlife management?




BIAZA

Did you know, ARU Writtle is an Educational Associate of the British and Irish Association of Zoos and Aquariums?

Zoo and Wildlife Conservation (cont'd)

Zoo research priority lists

Priority list correct as of September 2020



Research Project Priority List September 2020

At Colchester Zoo, we encourage research projects in a variety of topics. Research projects should have a value in species management and conservation programmes. Ideally we would like research projects to be a minimum of one month's duration, unless otherwise specified.

Colchester Zoo produces a list of priority topics each year. The list includes areas that have been identified by the Research Co-ordinator and Animal Management staff. We accept projects outside of these priority topic areas in circumstances where the researcher is able to develop a scientifically sound proposal, which demonstrates its value to captive breeding programmes/conservation/welfare/other.

The majority of topics have a broad basis, which is due to the changing nature of requirements within the Zoo and the opportunity for discussion with prospective researchers.

Group composition has been included for a number of the study species and is correct for September 2020 (the numbers refer to the number of males, females and animals of unknown sex in the group, e.g. 1,2,1 is 1 male, 2 females and 1 unknown sex). Where the numbers are not included, please check the stock numbers with the Research Co-ordinator. For all studies and, before you do a full proposal, please also check whether information on species and future plans are still valid at the time of data collection, as circumstances are continually changing (email: rbacca@colchesterzoo.org).

CARNIVORES

SPECIES	GROUP SIZE	STUDY DETAIL
Amur tiger (<i>Panthera tigris altaica</i>)	2,2 (we have an additional 1,1 Amur tigers not mixed with the female and cubs)	Behaviour before and after the export of cubs In early 2021, we will be working with the European Endangered Species Breeding Programme to export our 2,1 Amur tiger cubs (DOB 14/06/2019) to new collections. This study has potential to study the behaviour of the mother and cubs together and then following export. Do note, the cubs will not necessarily move at the same time so the post-export study may involve a reduced number(s) of cubs rather than the mother on her own.
Amur leopard (<i>Panthera pardus orientalis</i>)	1,2 (we have an additional 1,0 Amur leopard not mixed with the female and cubs)	Behaviour before and after the export of cubs In early 2021 (approx. February), we will be working with the European Endangered Species Breeding Programme to export our 1,0 Amur leopard cub (DOB 09/09/2019) to a new collection. This study has potential to study the behaviour of the mother and 1,1 cubs together and then following export of the male. Do note, the 0,1 cub will not move until 12 months later, so the post-export study will still involve mother and the female cub.
Asian short-clawed otter	1,1	Behaviour and social interactions Colchester Zoo imported a new female otter to join our resident male on the 3 rd August 2020. This study will

Specialist software



International Conservation



UK Wildlife and Rewilding



Pet Behaviour and Welfare

- Are pet animals why you are here?
- Are you interested in both animal training and pet behaviour problems?



Did you know, upon graduation, these students would be eligible for provisional membership of the Association of Pet Behaviour Counsellors (APBC)?

Pet Behaviour and Welfare - careers



Animal
Trainer



Animal
Training
Instructor



Animal
Behaviour
Technician



Clinical
Animal
Behaviourist



Did you know, ARU Writtle offers ABTC (Animal Behaviour and Training Council) recognised programmes for these roles?



Animal Training



Livestock = Animal Science with options

- Interested in sustainable animal production and farm animal welfare?
- How can we meet the food demands of society whilst maintaining the health and welfare of the animals in our care?



Did you know, ARU Writtle has a farrow-to-finish pig herd, sheep flock and beef herd on site?

Career examples

- DEFRA Animal Health Scientist =
BSc Animal Science with Livestock options
- Animal Rescue Centre manager =
BSc Animal Science with Wildlife Conservation / Pet Behaviour and Welfare options
- Wildlife Trust Conservation Grazing Manager =
BSc Animal Science with Wildlife Conservation / Livestock options



Stories from 2024/25



Rhianna – Safari Keeper, Longleat

The graphic features the a.r.u. logo at the top left, a portrait of Magda Michalik in the center, and text describing her venture 'Model Mutts'. A yellow vertical bar is on the right side.

a.r.u.

Success Story

Magda Michalik

Venture:
Model Mutts

A young entrepreneur who has rapidly transformed her professional aspirations into a thriving business venture. Within just three months of graduation, she launched Model Mutts, a specialised puppy socialisation service in Essex, demonstrating exceptional business acumen and entrepreneurial spirit.

#ARUEntrepreneurs

Magda – Clinical Animal Behaviourist

The graphic features a blue header with a white 'T' logo, the tagline 'Enabling business & nature to thrive together.', and the website 'www.thomsonec.com'. Below is the company name and a description of their services.

Enabling **business & nature** to thrive together.
www.thomsonec.com

Thomson environmental consultants

We are the UK's leading specialist environmental consultancy.

Jodie – Field Surveyor



Career opportunities

- Animal nutritionist and pet food manufacture management roles
- Zoo – animal trainers, graduate keepers
- Veterinary pharmaceutical and equipment supplies
- Nutrition company sales rep
- Animal Welfare Officer
- Companion and zoo animal keepers (RSPCA, SSPCA, rescue centres, zoos and safari parks)
- RSPCA
- Progression to Vet School
- Post-graduate study (MSc / PhD)
- Pet Behaviour counselling
- Research
- Teacher / Lecturer
- Animal health inspectors e.g. DEFRA
- Independent wildlife agencies (RSPB, Scottish Natural Heritage, Natural England)
- Rare breed centre management
- Ecologist/ ecological consultant



Vet Physio Courses

MVetPhys Veterinary Physiotherapy

BSc (Hons) Animal Therapy, Rehabilitation and Performance

MVetPhys Equine Veterinary Physiotherapy

BSc (Hons) Equine Therapy, Rehabilitation and Performance

MVetPhys Canine Veterinary Physiotherapy

BSc (Hons) Canine Therapy, Rehabilitation and Performance

Career prospects

Graduates can pursue careers in:

- **Veterinary Physiotherapy Practice** – independent or within clinics
- **Animal Rehabilitation Centres** – equine, canine, multi-species
- **Research & Academia** – PhDs, teaching, scientific advancement
- **Industry Consultancy** – electrotherapies, sport performance, rehabilitation strategy
- **Animal Welfare/Charities** – supporting mobility & welfare initiatives
- **Sports & Performance Science** – working with elite equestrian & canine athletes
- **Business & Innovation** – running your own practice, tech development, insurance & legal expertise, marketing

Key skills gained: advanced clinical expertise, evidence-based practice, business acumen, professional communication, critical thinking and problem-solving, research skills, professional adaptability.



Why ARU Writtle?



Specialist Facilities

Canine Rehabilitation Clinic

Staff expertise

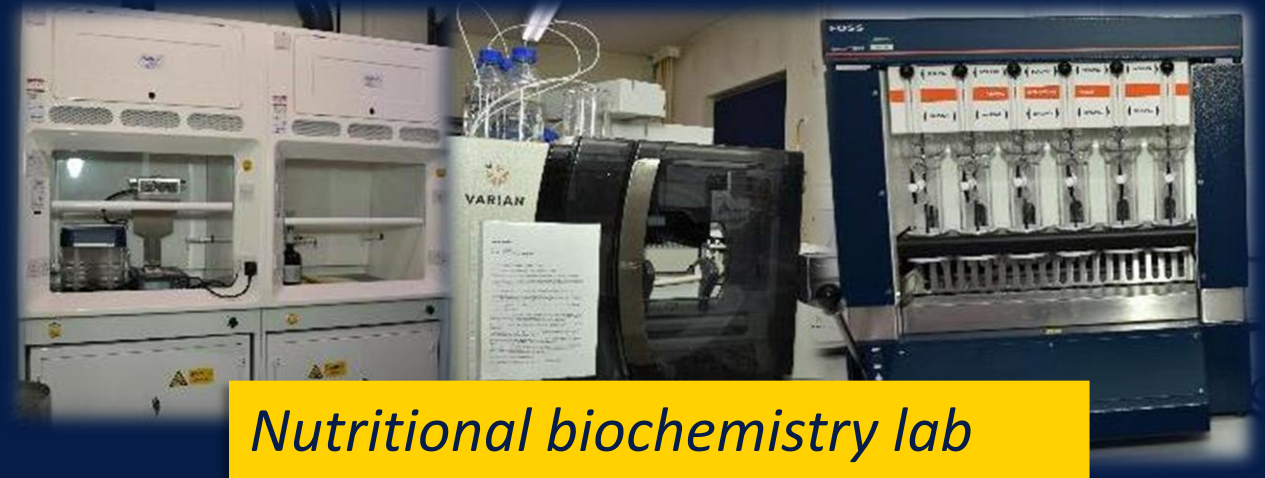
High teaching standards

Accreditation and Memberships

Job Opportunities



Laboratories



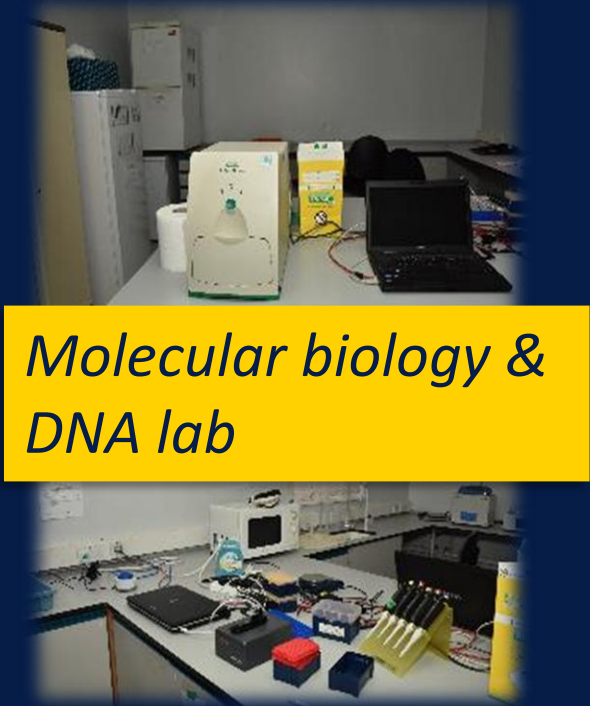
Nutritional biochemistry lab



Teaching Super Lab



Microbiology lab



Molecular biology & DNA lab



Pet Behaviour Clinic





Adult dog classes for ABTC & puppy training 😊

Essex Police Dog Section



Sturgeons Farm



Titchmarsh Animal Centre





Our Green Estate



Equine Facilities



- Equitation Centre
- Stabling for 70 horses
- 5 All Weather Surfaces
- Therapy Barns
- Water Treadmill
- Equine Solariums
- Round Pen
- Oval Walker
- Mechanical Horse
- Equine Training Academy
- Specialist Lab Facilities

Canine Facilities

- Canine Centre – home to ARU Canine Rehabilitation clinic.
- 2 underwater treadmill rooms
- Rehabilitation pool
- Showering facilities
- 2 consult rooms
- Swim Jets
- Rubber matted practical spaces (upstairs and downstairs)
- Large practical and theory teaching space



Canine Rehabilitation Clinic

- Currently the only academic institution delivering this style of teaching on scale to 45 4th year VPs, 14 Canine students and 18 MSc students
- The canine commercial clinics run 3.5 days a week all year
- Treating 28 dogs a week in a commercial facility: **1,400 appointments per year**
- Allows for a wide and diverse client base
- Students carry out placement in our clinics.
- We also provide student clinics for clinical modules where students experience the commercial setting with interacting with owners and more independence/autonomy in their treatment process.



Field Trips and visiting experts



- Colchester Zoo, Jimmy's Farm and other local partner zoos
- South Essex Wildlife Hospital
- Royal Veterinary College
- Police dog training centre
- Overseas trips...

UmPhafa, South Africa Project Wild Gambia ARU Global Opportunities



Professional Bodies



BSc Therapy, Rehabilitation & Performance

- Pending accreditation by AHPR (Animal Health Professions' Register)
- Eligible to register as an Animal Massage Therapist (on successful OSCE)
- Provides foundation for work in animal therapy and progression to further study

MVetPhys Veterinary Physiotherapy

- Pending accreditation by RAMP (Register of Animal Musculoskeletal Practitioners)
- Meets professional standards for **Veterinary Physiotherapy practice**
- Graduates can practice as independent Veterinary Physiotherapists
- Stronger alignment with clinical physiotherapy and musculoskeletal rehab



Guardian University Guide 2026

UK University Rankings by Subject:

Animal Science & Agriculture

#1 university in the UK for Satisfaction with Teaching – 95.4%

The rating for the quality of teaching on these courses is given by final year students in the NSS.

Source: Guardian League Table, 2026





Student Support

Course

- Personal Development Tutor
- Study Skills Plus
- University Library

Lifestyle

- Counselling and Wellbeing Service
- Disability Support
- Student Union
- Campus Sport



Follow our Instagram and Facebook to see updates of our students in the clinics and our patients!



 ARUcaninerehabclinic

 @writtlecaninetherapy



Canine Rehabilitation Clinic

ARU Canine Rehabilitation Clinic

966 likes • 1K followers

Any questions?

MVetPhys Veterinary
Physiotherapy



Animal Therapy,
Performance and
Rehabilitation



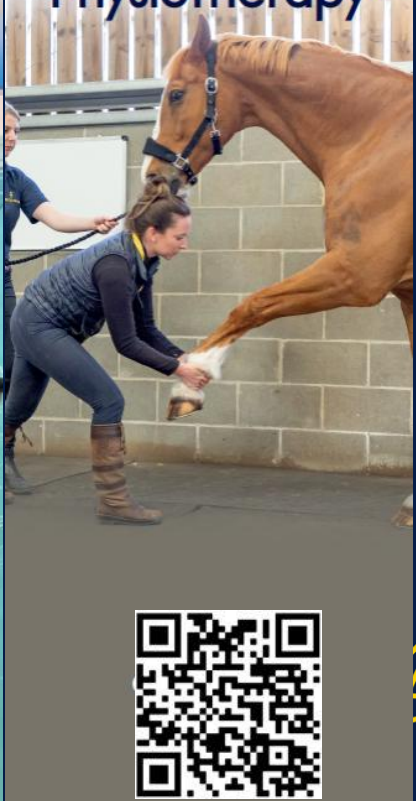
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Canine Therapy,
Performance and
Rehabilitation



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Equine Therapy,
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Rehabilitation



Thank you for listening!
Any questions?

