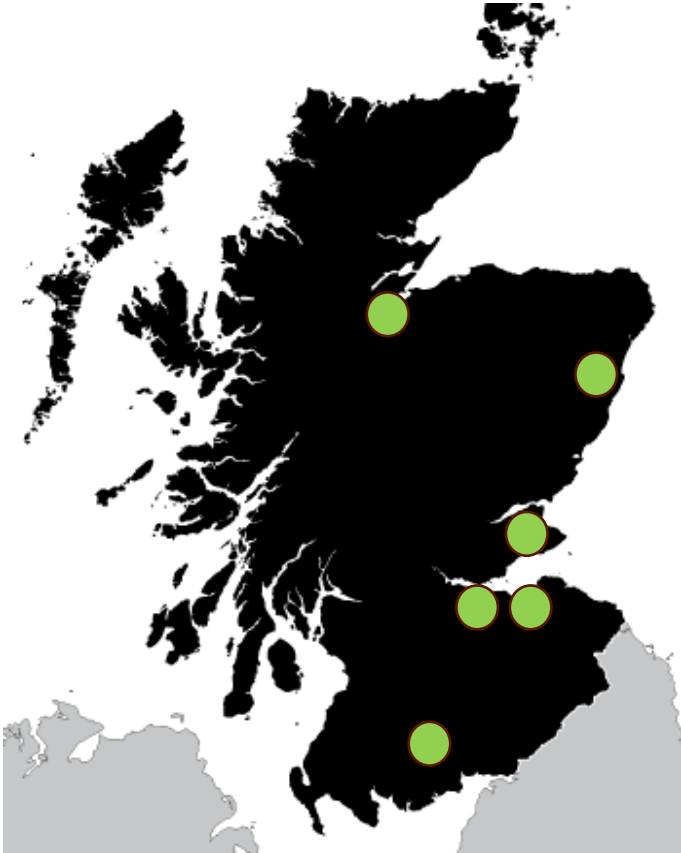




Scotland's Rural College (SRUC) – Update to NESAAG

Dr Richard Armitage
HoD of Rural Land Use
SRUC Aberdeen and SRUC Cupar

SRUC: vision, mission and strategy



- **Our vision:** To be Scotland's enterprise university at the heart of our sustainable natural economy.
- **Our mission:** Creating and mobilising knowledge and talent. Partnering locally and globally to benefit Scotland's natural economy.
- TERTIARY
- PLACE
- GREEN TRIPLE HELIX



A new breed of University at the heart of the natural economy.

SRUC – at the Heart of our Natural Economy



Rooted regionally

- Top ten UK Young University
- Cutting-edge campuses with specialist and personal tertiary provision



Knowledge nexus

- 1st in UK on research power in agriculture, vet & food science (REF2021)
- Top 20 in UK for industry engagement & collaboration (THE 2023)



Growing globally

- Top 25% in World Universities Rankings
- Top 10% globally in citation index (THE 2023)
- 77% of our research papers with international co-authors



Industry impact

- SRUC research has generated £1.1 billion, improved profitability and reduced costs
- Top 25% globally in contributing to Sustainable Development Goals (THE Impact 2023)

Education, Training and Skills

- Bespoke training and skills development
- Education programmes;
 - Schools (SCQF Levels 5, 6 & 7)
 - Further Education Programmes (SCQF Levels 5 & 6)
 - Higher Education Programmes (SCQF Levels 7 & 12)
 - HNC (Level 7)
 - HND (Level 8)
 - General/Ordinary Degree and Honours Degrees (Levels 9 & 10)
 - Taught Masters Degrees (Levels 11)
 - Micro-credentials (Levels 11)
 - PhD (Level 12)
 - Schools



Subjects on offer



RLU Aberdeen

Agriculture

Rural Business Management

Wildlife and Conservation

Horticulture

Food and Drink

*Animal Care**

*Veterinary Medicine and Nursing**

Engineering and Forgery

Environmental Management

Forestry

Golf Course Management

** Available at Aberdeen*



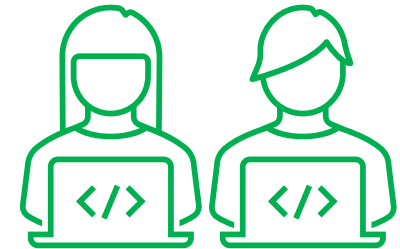
Flexibility in Delivery of Training and Skills



On-Campus Delivery (FT/PT)



Distance Learning (PT)



Work-Based Learning



New (Award Winning) Curriculum Framework



SEEDABLE



The embedding of Sustainable Development and Enterprise (SEDE) Quality and Diversity enabled by Active and Blended Learning (ABL)

This framework has been designed to support the embedding of the Learning and Teaching Enhancement Strategy (2020-2025) pillars and principles in all programmes of study.

It draws on and adapts Bacigalupo et al's 2016 Entrepreneurship Competence Framework, Hanesworth's 2017 Embedding Equality and Diversity in the Curriculum Matrix, May and Thomas' 2010 self-evaluation framework, Advance HE and QAA's 2021 Education for Sustainable Development Guidance, and Sharma's 2010 Blended Learning Theory.

These cards should be read alongside the wider SEEDABLE Curriculum guides.



Winner of the 2023 Green Gown Award for TOMORROW'S EMPLOYEES

SRUC Education Activities in the NESAAG area

Programmes (Aberdeen)



	On-Campus	Online	Work based
Further Education	NC <ul style="list-style-type: none"> • Agriculture • Animal Care 		<ul style="list-style-type: none"> • Agriculture • Horticulture • Food and Drink • Turf Management
Undergraduate	<ul style="list-style-type: none"> • Agriculture • Rural Business Management • Conservation • Animal Care/Vet Nursing/RAH/Vet Med 	HNC <ul style="list-style-type: none"> • WCM HND <ul style="list-style-type: none"> • Golf Course Management 	<i>Technical Apprenticeships</i>
Postgraduate	<ul style="list-style-type: none"> • <i>M.Res</i> • PhD 	MSc <ul style="list-style-type: none"> • Agriculture • WCM • Zoology • <i>Micro-credentials</i> 	

Pre-Apprenticeships

A Pre-Apprenticeship at SCQF Level 4 consists of:

1. Certificate of Work Readiness/ Preparation for Employment Award
2. 6 month paid placement
3. Industry specific training Emergency First Aid, Manual Handling, Health and Safety, Tractor and Attachments, Rough Terrain Telescopic plus one other Industry nationally recognised qualification

Modern Apprenticeships

A Modern Apprenticeship consists of 3 criteria:

1. SVQ in Agriculture at SCQF Level 5 or 6
 2. Core Skills
 3. Industry specific training Emergency First Aid plus one other industry nationally recognised qualification
- Each are a 12-month program
 - 12 units – 1 unit per month
 - Units currently under review

Technical Apprenticeships



This new technical apprenticeship is the first of its kind for the land-based sector in Scotland

A 2-year programme developed to help reduce industry focused skills gaps by meeting the demands for higher level training and CPD

Participants will be equipped with the relevant high-level core skills required to become competent in leadership and management roles

HNC & HND Revalidation (Next Generation)

HNC			
7	Principles of Livestock Production	40	C
7	Principles of Crop Production	40	C
7	Professional Practice and Skills	24	C
7	Diversified Enterprises in Rural Businesses	8	C
7	Specialised Farming Systems	8	C




HND			
8	Livestock Management Systems	32	C
8	Crop Production Management	32	C
8	Principles of Agri Business Management	32	C
8	Professional Development	16	C
8	Integration of Trees on Farm	8	E
8	Specialist Farming Management	8	E

Agriculture –BSc and BSc (Hons)

BSc			
9	Integrated Farming Systems	30	C
9	Enterprise Appraisal and Analysis	30	C
9	Economic and Rural Policy	15	C
9	Research Skills and Data Analysis	15	C
9	Professional Agricultural Investigation	15	C
9	Free choice elective	15	C



	BSc (Hons)	Pathway A		Pathway B	
	10	Hons project	45		
	10			Work placement project	45
	10	Ag Comms / KET	15	Ag Comms / KET	15
	10	Topical Issues	15	Topical Issues	15
	10	Climate Change roleplay simulation	15	Climate Change roleplay simulation	15
	10	Elective 1	15	Elective 1	15
	10	Elective 2	15	Elective 2	15

Rural Business Management – BA and BA (Hons)

BA			
9	Management, Innovation & Entrepreneurship	15	C
9	Management Strategies	15	C
9	Research Skills and Data Analysis	15	C
9	Rural Business Consultancy	15	C
9	Advanced Business Development	15	C
9	Economic and Rural Policy	15	C
9	Rural Surveying and Land Use	15	E
9	Multi-Purpose Woodland Management	15	E
9	Active Special Interest Tourism	15	E
9	Rural Tourism	15	E



BA (Hons)			
10	International Marketing	15	C
10	Law and the Legal Environment	15	C
10	Business Ethics	15	C
10	Project Financial Management & Investment Appraisal	15	C
10	Honours Project	30	C
10	Rural Planning and Land Law	15	E
10	Rural Property Valuations	15	E
10	International Tourism Issues	15	E
10	Company Ownership & Taxation	15	E

(NEW) Sustainability in Agriculture and Business MSc

MSc			
11	Principles & Policy for Sustainable Agriculture	15	C
11	Soils in Sustainable Systems	15	C
11	Research Design & Analysis	15	C
11	Global Challenges in Agricultural Systems	15	C
11	Crops in Sustainable Systems	15	E
11	Livestock in Sustainable Systems	15	E
11	Sustainable Entrepreneurship	15	E
11	Principles of Marketing & Communication	15	E
11	Financial Management and Business Planning for Sustainability Objectives	15	E
11	Choice of module/s from other SRUC MSc programmes	15	E
11	MSc Research Project	15	C



Other programmes



***Wildlife and Conservation
Management***



***Horticulture Apprenticeship
Food and Drink Apprenticeship***

Courses for Schools

- SRUC offers a range of senior phase course options for S4, S5 & S6 pupils
 - Providing pathways from School to college/university focusing on the land-based industries and veterinary medicine.
 - Flexibility in delivery
- Current National Progression Awards available
 - Environmental Awareness (SCQF 7)
 - Veterinary Terminology (SCQF 6)
 - Equine Studies (SCQF 5)
 - Food and Drink Manufacturing (SCQF 5)
 - Horticulture (SCQF 5)
 - Investigation of Modern Agriculture (SCQF 5)
 - Local Food Production (SCQF 5)
 - Principles of Animal Care (SCQF 5)



Vet School Programmes

- Veterinary Medicine: BVSci (starting 2024)
- Veterinary Nursing: BSc and Modern Apprenticeship across Craibstone, Barony and Oatridge
- Rural Animal Health: HND Gateway
- Zoonoses and Epidemiology of Animal Infectious Diseases: Mres

...plus Equine Studies, Veterinary Care Assistant and Animal Care



Aberdeen Facilities

Ferguson Building – Admin, Classrooms & Labs



Tulloch Farm – Practical Teaching



Mill of Craibstone and Sunnybrae

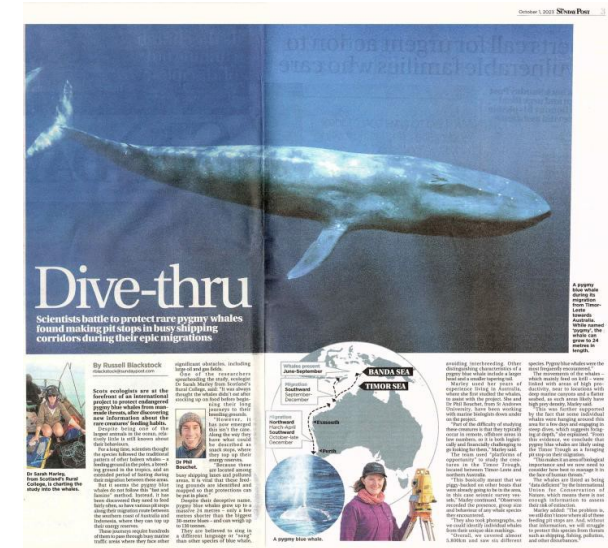
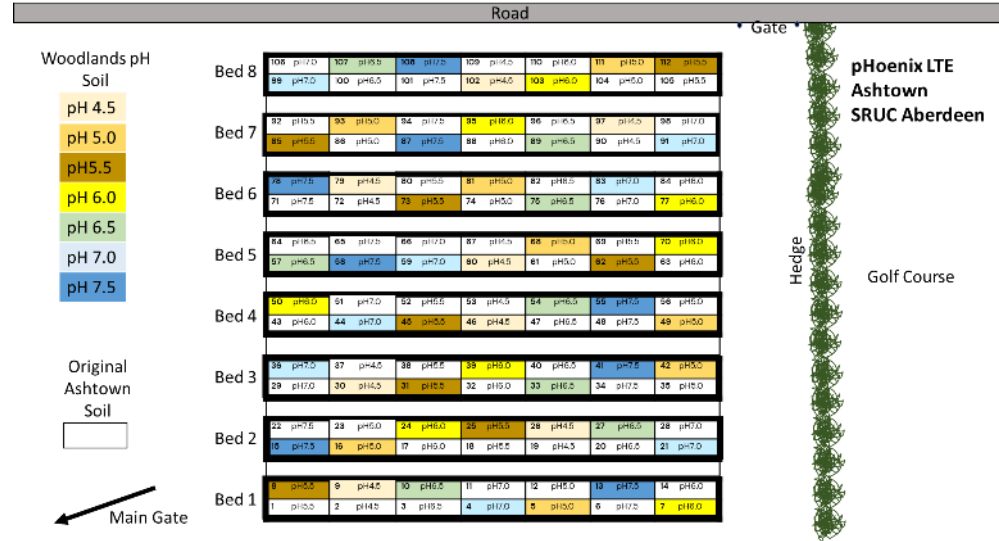


Esri UK, Esri, TomTom, Garmin, Foursquare, Geo



Research

Research Examples in Aberdeen



Future Developments

Growing capability across our network – with impact and enterprise in mind



Taught Degree Awarding Powers

Research Degree Awarding Powers



Rural & Veterinary
Innovation Centre
(RAVIC),
Inverness



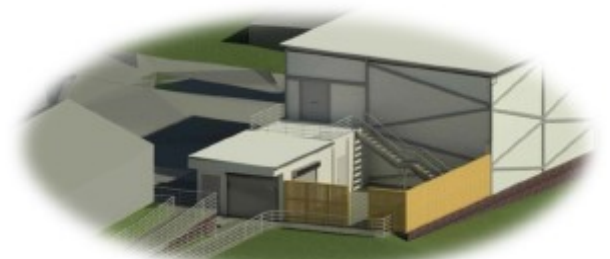
Veterinary School,
Aberdeen and
Inverness



Seedpod
Sustainable food and
drink for manufacturing,
Aberdeen



Vertical Farm
Edinburgh



Green Cow – Emissions
Allermuir – Poultry nutrition
GreenShed – Circular economy
Easter Bush, Midlothian



Digital Dairy Chain (DDC)
& Dairy Nexus, Dumfries



Further Information

SRUC Website

www.sruc.ac.uk

Vet School

<https://www.sruc.ac.uk/study-with-us/school-of-veterinary-medicine/>

Courses for Schools

<https://www.sruc.ac.uk/study-with-us/pathways-to-study/courses-for-schools/>

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