

# Erasmus Exchange Studies at SRUC

## *Semester 1 – October 2015*



I'm delighted to invite applications for Erasmus study at SRUC for the first semester of 2015-16.

SRUC runs degree courses in the areas of Agriculture, Rural Business, Environment, Biological and Animal Science, Green Technology, Countryside and Sustainability, Horticulture and Sport. This booklet is aimed at those wishing to come to study with us, for a Semester or full-year, at undergraduate degree level (EQF level 6).

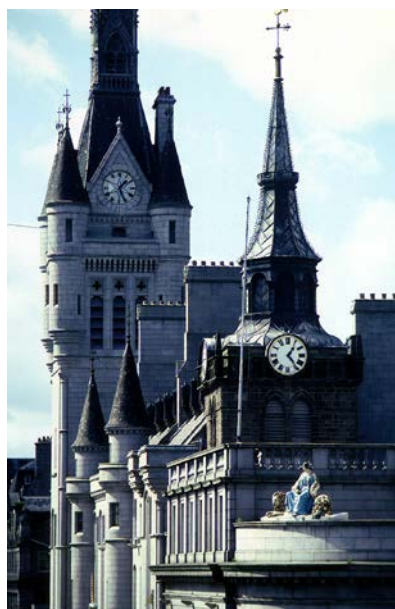
SRUC has six campuses in total, three of which offer degree level study, each with its own areas of specialism.

**SRUC Aberdeen**, in the north of Scotland, is located on the outskirts of Aberdeen city centre – a vibrant student-friendly city, and surrounded by some of Scotland's most outstanding scenery: mountains, lochs, beaches castles and whisky! If you like the great outdoors, this is a difficult location to beat.



**SRUC Ayr**, on the west coast of Scotland, offers a brand new campus environment in central Ayr. Ayr is a small seaside town, with views across the firth of Clyde to the Isle of Arran and the atmospheric Mull of Kintyre. Scotland's largest city of Glasgow is also only a short journey away.

**SRUC Edinburgh**, located in Scotland's capital city, offers ERASMUS students the opportunity to live in one of Europe's leading cities. Edinburgh is a great city for students – vibrant and full of activity, yet small enough to get around easily. Edinburgh's historic centre, with majestic Castle and gardens, and its enviable location near the sea and surrounded by hills, are some of the reasons it's often voted the best city in the UK.



***Aberdeen***



***Ayr***



***Edinburgh***

## About SRUC

SRUC is a unique institution – one of the largest organisations of its kind in Europe. We deliver comprehensive skills, education and business support for the land-based industries in Scotland and beyond, founded on world class and sector-leading research, education and consultancy. Our aim is to build a culture of excellence through the development of a Rural University College. We offer courses from entry level and access courses, through Higher National (HNC/HND) and degree programmes, to Masters and PhD level study.



## How to Apply

Students studying a Semester at SRUC normally take 4 modules. Each module is worth the equivalent of 7.5 ECTS credits – students gain a total of 30 ECTS credits during their time at SRUC. Study is undertaken at undergraduate degree level (EQF level 6) – the third and fourth years of a Scottish Honours degree.

Interested students should complete and return the attached application form (to be found at the end of this booklet), reading the accompanying notes carefully. While the information contained in this booklet is as accurate as possible, some modules may be rescheduled or removed from our timetable. Please choose your timetable from the lists found at the end of each campus listing and mark your choice on the application form.

Any questions can be directed to Vicki Todd by emailing: [vicki.todd@sruc.ac.uk](mailto:vicki.todd@sruc.ac.uk)

### Term dates for Semester 1 are as follows:

- Monday 28<sup>th</sup> September 2015 – Friday 22<sup>nd</sup> January 2016 (11 weeks)
- *Including Christmas holiday: 5<sup>th</sup> December 2015 – 3<sup>rd</sup> January 2016 (4 weeks)*
- *Exam Fortnight: 11<sup>th</sup> January 2016 – 22<sup>nd</sup> January 2016*

## Late arrival

We recognise that our Semester dates will not necessarily tie up with the dates at your own institution. However, it's very important to try and arrive on time for the start of the course. If you know that you won't get here in time, please let us know. We would strongly discourage you from missing any more than one or two classes, and only then if absolutely unavoidable.

## English Language

Our courses are taught and assessed in English – for their own sake, students must be confident that they have a good enough level of English language in order to cope. As a guide, we would expect undergraduate students to have an English language level of B2 in the Common European Framework of Reference for Languages (CEFR); an Upper Intermediate level equivalent to IELTS 6.5.

## Staying for more than one Semester

Most ERASMUS students choose to spend one semester at SRUC, but some do decide to stay for the full academic year. If you choose to stay on for an extra semester following your arrival at SRUC you should speak with the education office as soon as possible in order to process an application for semester 2 study. This will be subject to approval from your home institution. Please also note that there will be an inter-semester break of one week following the exam fortnight at the end of semester one.

## Early departure

Technically the end of the academic year is on the 17<sup>th</sup> June 2016. By then you will know your final marks. Our own students may be called on to attend the Academic Boards which finalise marks and take place in June, and so are required to be present until the end of the academic year. While this is technically the case for Erasmus students, we do recognise that your studies will have finished by the time your exams finish at the end of May, and so it is normally possible for you to go home at that point.

## Confirmation of grades

The exam board within SRUC is held in the middle of June at which point student grades will be discussed and ratified. Letters of confirmation of final grades will be provided following this exam board for students attending first semester, second semester, and the full year. Upon request from the students home institute it is possible for **provisional** grades for first semester students to be provided via e-mail at the beginning of March, however these will be subject to approval in the June exam board and as such are subject to change so should be used as a guide to final grade only until the final confirmation letter arrives after the June exam board. Table 1 below provides the Grade Scale used within SRUC providing an outline of how our grading system corresponds with the Erasmus Grading Scale.

University of Glasgow Grade Scale (Used at SRUC):

Table 1: University of Glasgow Grade Scale (Used at SRUC)						
Pass				Fail		
Excellent	Very Good	Good	Satisfactory	Marginal Fail	Clear Fail	Poor Fail
A	B	C	D	E	F	G
A1 A2 A3 A4 A5	B1 B2 B3	C1 C2 C3	D1 D2 D3	E1 E2 E3	F1 F2 F3	G1 G2 H
22 21 20 19 18	17 16 15	14 13 12	11 10 9	8 7 6	5 4 3	2 1 0
ERASMUS Grading Scale						
Excellent	Very Good	Good	Satisfactory	Sufficient	Fail	Fail
A	B	C	D	E	FX	F

## Accommodation

We cannot guarantee accommodation – arranging accommodation is your responsibility, but there are people you can contact who may be able to offer advice and assistance.

### At the Aberdeen Campus:

There is a hall of residence on-campus in Aberdeen. They may have rooms available. Please contact [gwen.bruce@sruc.ac.uk](mailto:gwen.bruce@sruc.ac.uk) for further information.

If there are no rooms in halls, there is a good private rental market in Aberdeen. The Aberdeen Education Office will be able to offer further assistance and advice: email [margaret.elphinstone@sruc.ac.uk](mailto:margaret.elphinstone@sruc.ac.uk) or [Aberdeen@sruc.ac.uk](mailto:Aberdeen@sruc.ac.uk)

Useful web sites include:

- <http://www.spareroom.co.uk/flatshare/aberdeenshire/aberdeen>
- <http://www.accommodationforstudents.com/Aberdeen.asp>
- <http://uk.easyroommate.com/Student-Accommodation/scotland/aberdeenshire/Aberdeen-flatshare>
- <http://www.gumtree.com/flatshare-offered/aberdeen>

### At the Ayr Campus:

There is a hall of residence on-campus in Ayr. They may have rooms available. Please contact the Ayr campus Senior Tutor, [alison.murray@sruc.ac.uk](mailto:alison.murray@sruc.ac.uk) for further information.

If there are no rooms in halls, there is a good private rental market in Ayr. The Ayr Education Office will be able to offer further assistance and advice: email [dawn.black@sruc.ac.uk](mailto:dawn.black@sruc.ac.uk) or [Ayr@sruc.ac.uk](mailto:Ayr@sruc.ac.uk)

Useful web sites include:

- <http://www.spareroom.co.uk/flatshare/ayrshire/ayr>
- <http://www.citylets.co.uk/student-accommodation-south-ayrshire/ayr/>
- <http://www.gumtree.com/flatshare/south-ayrshire>

### At the Edinburgh Campus:

SRUC does not have any student residences in Edinburgh. There are several private halls of residence in the city, which many students make use of. These include:

- <https://www.unite-students.com/student-accommodation-edinburgh>
- <http://loveiq.rtrk.co.uk/>
- <http://www.mansionstudent.co.uk/edinburgh-student-accommodation/>

These private halls commonly offer full-year contracts, but some may offer a half year if they are not full.

Most Erasmus students arrange to arrive in the city promptly or slightly earlier than the start of their course, arrange temporary accommodation for their arrival, and search for a room in a shared flat to rent while they are here. Edinburgh has a large rental market so students do not struggle to find suitable accommodation.

Contact the Edinburgh Education Office for further assistance and advice: email [fiona.wilcock@sruc.ac.uk](mailto:fiona.wilcock@sruc.ac.uk) or [Edinburgh@sruc.ac.uk](mailto:Edinburgh@sruc.ac.uk)

Useful web sites include:

- <http://www.list.co.uk/flatshare/adverts/>
- <http://www.gumtree.com/flatshare-offered/edinburgh>
- <http://www.spareroom.co.uk/flatshare/midlothian/edinburgh>
- <http://uk.easyroommate.com/Student-Accommodation/scotland/edinburgh-and-area/Edinburgh-flatshare>
- <http://www.accommodationforstudents.com/Edinburgh.asp>

## SRUC Aberdeen Campus

SRUC Aberdeen is located on the Craibstone Estate, about 5 miles from the centre of Aberdeen, Scotland's third largest city. Road and rail links, and international air and sea communications with Aberdeen are excellent. There is easy access to the neighbouring countryside, from the scenic delights of Royal Deeside to the castles of Aberdeenshire and the hillwalking, climbing and winter sports of the Cairngorm Mountains.

Queries of a local nature, including questions about accommodation, can be directed to:

The Education Office, SRUC Aberdeen

T: +44 1224 711123/27

E: aberdeen@sruc.ac.uk

SRUC Aberdeen runs courses in the subject areas of:



Agriculture



Business Management

## Modules available are as follows:

### Action for Biodiversity

*Provisional timetable slot: Tuesday PM*

This module will look at the mechanisms for delivering biodiversity conservation, the successes and conflicts that they have caused and their impact on wider land use and planning issues. The wide-ranging involvement of groups and the large number of initiatives involved in the delivery of biodiversity conservation mean that case studies will be a valuable method of approaching the topic and will give you the scope to critically assess the success of these initiatives in a seminar format.

### Advanced Agronomy

*Provisional timetable slot: Monday PM*

The aim of the module is to provide an understanding of the physiological basis of biomass and yield production by crop canopies. This framework can be applied to a wide range of agricultural and horticultural crops, to explain how variation in environmental and management factors affects growth and yield and to discuss practical approaches to maximising yield.

### Animal Feed Technology

*Provisional timetable slot: Monday PM*

The applied animal nutritionist needs to be aware of current concepts of nutrition science and how these influence the formulation and production of diets for livestock. The module will provide a detailed analysis of issues and techniques which are relevant to applied animal nutritionists and will explore the relationship between the needs of the animal and the way these are met from foods produced on the farm and from by-products and compounded foods.

### Business Marketing

*Provisional timetable slot: Wednesday AM*

In this module the principle responsibilities of the marketing function within an organisation will be examined. Within this context, emphasis will be placed on an analysis of the competitiveness of organisations. Students will be provided with an overview of the essential principles and concepts of consumer behaviour. This will be related to how organisations develop strategies based on an understanding of consumer behaviour. Both domestic and international marketing issues will be considered. The module will also equip students with the means of understanding and applying numeric market forecasting techniques which can be used in management decision taking.

### Food and Agri-Business Economic Policy

*Provisional timetable slot: Thursday PM*

This Module will provide an appreciation of the structure of the food and agriculture industries and the major national and international policy issues in this area.

### Livestock Production Technology

*Provisional timetable slot: Wednesday AM*

The efficient production of high quality animal products is based on a sound understanding of animal science and a range of established and novel technologies. This module explores the current and future application of animal science, technology and biotechnology in improving the efficiency of livestock production systems in terms of the health and welfare of the animals and the suitability of their products for modern market requirements.

### Management Skills and Entrepreneurship

*Provisional timetable slot: Thursday AM*

This module is designed to further advance the student's understanding of business management techniques. Students will then apply these in order to develop their knowledge and understanding of the entrepreneurial skills required by managers in the small business and corporate sectors.

## Management Strategies

*Provisional timetable slot: Monday PM*



This module is designed to allow students to appreciate the importance and need to develop a strategy for business. Students will apply the various tools and techniques of strategic management for analysis, evaluation and formulation of strategy allowing them to understand the process of implementation of strategic decisions and the management of change in an organisation.

## Research Skills and Data Analysis

*Provisional timetable slot: Tuesday PM*



Research investigation generally involves a process of generating and testing hypotheses - statements relating to our expectations about the relationships between different variables. Statistical analysis of data allows us to prove or disprove such hypotheses so that conclusions can be made. This module will introduce basic qualitative and quantitative data analysis methods, in particular focusing on how to develop hypotheses and make inferences from the particular (experiments and surveys) to the general (the whole population). The aim of the module is to provide the student with a basic knowledge of quantitative statistics and qualitative analytical methods such that the most appropriate method is chosen for a given situation. (Note, this module has all its teaching and examinations in Semester 1, but a later project is submitted in March. This can be done from your home institution if you are only studying for the first Semester).

## The UK Agri-Food Industries

*Provisional timetable slot: Monday AM*



This module is designed to develop an understanding of the structure and operation of the food chain both upstream and downstream of the farm and to explore the outlook for these industries. The module will also provide an overview of the interrelationships that exist between the key operators within the food chain.

## Timetables - Aberdeen:

Agriculture Timetable – choose 4 from:					
	Monday	Tuesday	Wednesday	Thursday	Friday
AM	The UK Agri-Food Industries		Livestock Production Technology		
PM	Advanced Agronomy <b>or</b> Animal Feed Technology	Research Skills and Data Analysis <b>or</b> Action for Biodiversity		Food and Agri-Business Economic Policy	

Business Timetable – choose 4 from:					
	Monday	Tuesday	Wednesday	Thursday	Friday
AM	The UK Agri-Food Industries		Business Marketing	Management Skills and Entrepreneurship	
PM	Management Strategies <b>or</b> Advanced Agronomy	Research Skills and Data Analysis		Food and Agri-Business Economic Policy	



## SRUC Ayr Campus

SRUC Ayr is based on a brand new Riverside Campus in the centre of Ayr town, which offers good shopping, social and sports facilities. Glasgow's Prestwick airport is only a couple of miles away offering excellent links throughout Europe.

Queries of a local nature, including questions about accommodation, can be directed to:

The Education Office, SRUC Ayr

T: +44 1292 886200/6151

E: ayr@sruc.ac.uk

SRUC Ayr runs courses in the subject areas of:



Agriculture



Biological and Animal Science



Sport



Countryside and Environmental Management

## Modules available are as follows:

### Action for Biodiversity

*Provisional timetable slot: Tuesday PM*



This module will look at the mechanisms for delivering biodiversity conservation, the successes and conflicts that they have caused and their impact on wider land use and planning issues. The wide-ranging involvement of groups and the large number of initiatives involved in the delivery of biodiversity conservation mean that case studies will be a valuable method of approaching the topic and will give you the scope to critically assess the success of these initiatives in a seminar format.

### Advanced Agronomy

*Provisional timetable slot: Tuesday PM*



The aim of the module is to provide an understanding of the physiological basis of biomass and yield production by crop canopies. This framework can be applied to a wide range of agricultural and horticultural crops, to explain how variation in environmental and management factors affects growth and yield and to discuss practical approaches to maximising yield.

### Animal Growth and Development

*Provisional timetable slot: Wednesday AM*



This module follows a logical sequence, presenting modern concepts of reproductive physiology, embryology and the nutritional biochemistry of the foetus and neonate, followed by fundamental and applied aspects of lactation in mammals, the physiological basis of postnatal growth, and the homeostatic response to changing environmental conditions. These concepts will be applied to the development and growth of both mammals and birds as appropriate.

### Coaching and Development

*Provisional timetable slot: Thursday AM*



This module will examine sports coaching and the development of sporting performance in relation to education and its application to developing performance.

### Ecology: Management and Impacts

*Provisional timetable slot: Thursday AM*



This module reinforces and develops an understanding of ecological principles and how they inform good management practice. The wider countryside and anthropogenic habitats are emphasised. An understanding of the use of the ecological literature is developed and students gain practice in presenting complex scientific material to an audience.

### Experimental and Analytical Techniques

*Provisional timetable slot: Thursday AM*



The aim of this module is to strengthen the practical skills of the students and to introduce them to advanced techniques and instrumentation used in laboratory and field scientific research by providing practical experience under supervision. The focus will be primarily directed towards specialist techniques and instrumentation not covered in the earlier years of study.

## Historical Geography

*Provisional timetable slot: Friday PM*

This module is for students who have an interest in landscape history and want to find out more on how to research it. It also covers aspects of establishment of an archive and issues with preservation and presentation of material – this is of relevance to countryside managers and land managers who may have such site information and need to use it for their own site's management planning/development, as well as feeding into visitor interpretation. The module is taught using a mix of lectures and two case studies looking at a particular area of Scotland.



## Management Skills and Entrepreneurship

*Provisional timetable slot: Thursday PM*

This module is designed to further advance the student's understanding of business management techniques. Students will then apply these in order to develop their knowledge and understanding of the entrepreneurial skills required by managers in the small business and corporate sectors.



## Management Strategies

*Provisional timetable slot: Tuesday AM*

This module will develop skills in using a range of management modules to provide students with a better understanding of the interface between theory and practice in strategic management.



## Managing Environmental Community Projects

*Provisional timetable slot: Friday AM*

Involving local communities is a key part of work in a wide range of contexts today. Indeed, in practical terms, key sources of funding can only be accessed via engagement with community groups. Policies and initiatives are continually being developed that give this approach impetus. The approach requires a different style of working – as facilitator rather than leader. There are a wide range of agencies, approaches and people involved in this work. It is therefore vital that students have a clear understanding of the principles that underlie this type of working, good practice in implementation and the different roles played by different agencies/workers. The complexity of funding environmental projects and the potential sources and difficulties of managing multiple funders needs to be considered for successful projects.



## New Perspectives in Plant Protection

*Provisional timetable slot: Friday PM*

The objectives of this module are to provide you with knowledge of pest/weed population dynamics, disease epidemiology and pesticides. As crop protection is still dominated by the use of pesticides in the majority of crop systems, the aim is to introduce the discovery and mode of action of pesticides, and to make you aware of the effects of such agents on the environment as well as the strategies to avoid resistance. The forecasting of pest, disease and weed outbreaks, and the use of the appropriate pesticide dose will also be introduced within the context of rationalising pesticide use.



## Research Skills and Data Analysis

*Provisional timetable slot: Tuesday AM*

Research investigation generally involves a process of generating and testing hypotheses, which are basically statements relating to our expectations about the relationships between different variables. Statistical analysis of data allows us to prove or disprove such hypotheses so that conclusions relating to those relationships can be made. It provides weight to arguments where logical reasoning is not possible or sufficient. The module will introduce basic qualitative and quantitative data analysis methods, in particular focusing on how to develop hypotheses and make inferences from the particular (experiments and surveys) to the general (the whole population). The aim of the module is to provide the student with a basic knowledge of quantitative statistics and qualitative analytical methods such that the most appropriate method is chosen for a given situation. (Note, this module has all its teaching and examinations in Semester 1, but a later project is submitted in March. This can be done from your home institution if you are only studying for the first Semester).



## Sports Development

*Provisional timetable slot: Wednesday AM*

This module will examine the history of sports development since its inception within the United Kingdom and its wide reaching role within the country today. The relationship between national providers, agencies and bodies and local sports providers will also be evaluated.



## The UK Agri-Food Industries

*Provisional timetable slot: Friday AM*

This module is designed to develop an understanding of the structure and operation of the food chain both upstream and downstream of the farm and to explore the outlook for these industries. The module will also provide an overview of the interrelationships that exist between the key operators within the food chain.





## Timetables - Ayr:

Agriculture - choose 4 from:					
	Monday	Tuesday	Wednesday	Thursday	Friday
AM		Research Skills and Data Analysis		Management Skills and Entrepreneurship	The UK Agri-Food Industries
PM		Advanced Agronomy			New Perspectives in Plant Protection

Environment and Countryside – choose 4 from:					
	Monday	Tuesday	Wednesday	Thursday	Friday
AM		Research Skills and Data Analysis		Ecology: Management and Impacts	Managing Environmental Community Projects
PM		Action for Biodiversity			Historical Geography

Sport – choose 4 from:					
	Monday	Tuesday	Wednesday	Thursday	Friday
AM		Management Strategies <b>or</b> Research Skills and Data Analysis	Sports Development	Coaching and Development	
PM				Management Skills and Entrepreneurship	

Plant and Crop Science – choose 4 from:					
	Monday	Tuesday	Wednesday	Thursday	Friday
AM		Research Skills and Data Analysis	Animal Growth and Development	Experimental and Analytical Techniques	The UK Agri-Food Industries
PM		Advanced Agronomy		Management Skills and Entrepreneurship	New Perspectives in Plant Protection

## SRUC Edinburgh Campus

SRUC Edinburgh is located on the Edinburgh University Kings Buildings Campus, in the south of the city. Three miles from the city centre, and a similar distance from the outlying Pentland Hills, Edinburgh offers a unique combination of urban and rural environments. The city's airport is nearby, and rail and bus links are excellent. Edinburgh, with a population of half a million people, and an unusually large and diverse student population (over 62,000 students study in Edinburgh) offers community, variety and a wealth of activities to recommend it as a popular place in which to live and study.

Queries of a local nature, including questions about accommodation, can be directed to:

The Education Office, SRUC Edinburgh

T: +44 131 535 4049/4041

E: [edinburgh@sruc.ac.uk](mailto:edinburgh@sruc.ac.uk)

SRUC Edinburgh runs courses in the subject areas of:



Agriculture



Horticulture



Business



Environmental Management and Sustainability



Biological and Animal Science

## Modules available are as follows:

### Action for Biodiversity

*Provisional timetable slot: Tuesday PM*



This module will look at the mechanisms for delivering biodiversity conservation, the successes and conflicts that they have caused and their impact on wider land use and planning issues. The wide-ranging involvement of groups and the large number of initiatives involved in the delivery of biodiversity conservation mean that case studies will be a valuable method of approaching the topic and will give you the scope to critically assess the success of these initiatives in a seminar format.

### Advanced Agronomy

*Provisional timetable slot: Thursday AM*



The aim of the module is to provide an understanding of the physiological basis of biomass and yield production by crop canopies. This framework can be applied to a wide range of agricultural and horticultural crops, to explain how variation in environmental and management factors affects growth and yield and to discuss practical approaches to maximising yield.

### Animal Feed Technology

*Provisional timetable slot: Monday PM*



The applied animal nutritionist needs to be aware of current concepts of nutrition science and how these influence the formulation and production of diets for livestock. The module will provide a detailed analysis of issues and techniques which are relevant to applied animal nutritionists and will explore the relationship between the needs of the animal and the way these are met from foods produced on the farm and from by-products and compounded foods.

### Animal Science and Society

*Provisional timetable slot: Thursday PM*



This module provides an opportunity to consider the broad aspects of the relationship between man and domesticated animals. It builds on knowledge of livestock production systems, animal nutrition and animal welfare gained in modules studied in years 1, 2 and 3. It will be seminar-based with individual students leading a presentation and discussion of the individual learning outcomes.

### Business Marketing

*Provisional timetable slot: Tuesday AM*



In this module the principle responsibilities of the marketing function within an organisation will be examined. Within this context, emphasis will be placed on an analysis of the competitiveness of organisations. Students will be provided with an overview of the essential principles and concepts of consumer behaviour. This will be related to how organisations develop strategies based on an understanding of consumer behaviour. Both domestic and international marketing issues will be considered. The module will also equip students with the means of understanding and applying numeric market forecasting techniques which can be used in management decision taking.

## Climate Change and the Global Environment



*Provisional timetable slot: Thursday PM*

The aim of this module is to explain the processes of climate change and to understand the consequences at a global level. The interrelationships between the earth's different compartments (the geosphere, hydrosphere, atmosphere and biosphere) will be described and their interactions discussed. The exchange of matter and energy by these compartments will be considered, and the earth's climatic systems will be introduced. The consequences of alterations to the earth's climatic system as a consequence of human activity will be described. The consequences of change on plant, animal and human populations will be assessed.

## Ecology: Management and Impacts



*Provisional timetable slot: Monday PM*

This module reinforces and develops an understanding of ecological principles and how they inform good management practice. The wider countryside and anthropogenic habitats are emphasised. An understanding of the use of the ecological literature is developed and students gain practice in presenting complex scientific material to an audience.

## Environmental Chemistry and Toxicology



*Provisional timetable slot: Tuesday PM*

This module aims to develop an understanding of the origin, fate and effects of pollutants in the environment and in ecosystems. It is also intended to increase the students' awareness of issues relating to the use and occurrence of agrochemicals and other environmentally important chemicals.

## Environmental Economics



*Provisional timetable slot: Monday PM*

Economic systems depend on resources and services provided by the environment and thus a healthy economy ultimately depend on a healthy and well-managed environment. Environmental economics is the application of the principles of economics to the study of how environmental and natural resources are developed and managed. This module will develop and use tools of economic analysis to discuss key environmental economics issues. Emphasis will be placed on the development of appropriate analytical tools for non-market goods valuation. The role of the government in managing and regulating natural resource use and sustainability will be examined.

## Ethnobotany



*Provisional timetable slot: Thursday PM*

This module is designed to provide students with an appreciation and understanding of ethnobotany ("the study of the relationship between people and plants" - ethno meaning people and botany meaning plants). Students will learn how plants are critical to the lives of people and gain an understanding of why man should use plant resources in a sustainable way. An overview of conservation methods used will be provided and students will gain an understanding of laboratory techniques used to evaluate plant material for future uses.

## Experimental and Analytical Techniques



*Provisional timetable slot: Monday AM*

The aim of this module is to strengthen the practical skills of the students and to introduce them to advanced techniques and instrumentation used in laboratory and field scientific research by providing practical experience under supervision. The focus will be primarily directed towards specialist techniques and instrumentation not covered in the earlier years of study.

## Horticultural Taxonomy



*Provisional timetable slot: Thursday AM*

This module is designed to provide students with a deeper understanding of plant classification and nomenclature throughout the complete range of taxa used within horticulture. Students will gain an appreciation of the complexity of plant nomenclature and classification and how this relates to horticultural plantsmanship. The module builds on knowledge gained in the 'Plantsmanship' and 'Plant Classification & Systematics' modules from Year two of the course, and allows a deeper understanding of taxonomy and its importance within horticulture.

## Integrated Catchment Management



*Provisional timetable slot: Tuesday AM*

Fresh water and coastal water resources are under increasing pressure worldwide from a wide range of "stakeholders", including domestic, industry, conservation, fisheries and power supply. Effective management of these resources is best carried out at a catchment scale, with all user demands and effects on the water resource taken into account. This module will explore the physical, chemical and biological characteristics of catchments, illustrate the conflicting demands for water use and impact of water users and seek to identify technical, planning and educational tools for effective management.

## Livestock Production Technology



*Provisional timetable slot: Tuesday PM*

The efficient production of high quality animal products is based on a sound understanding of animal science and a range of established and novel technologies. This module explores the current and future application of animal science, technology and biotechnology in improving the efficiency of livestock production systems in terms of the health and welfare of the animals and the suitability of their products for modern market requirements.

## Mammalian Growth, Development and Reproduction

*Provisional timetable slot: Tuesday AM*



Lifetime performance and well-being of mammals is intrinsically linked to their development from one-cell stage onwards, with events *in utero* and post-natally contributing to both current and subsequent growth and to reproductive competence as adults. This module will explain key processes at crucial stages of mammalian development, explore animal growth and factors influencing muscle formation and meat quality, evaluate factors influencing mammalian reproduction and look at the importance of notable environmental and health-related factors influencing mammalian growth and reproduction.

## Management Skills and Entrepreneurship

*Provisional timetable slot: Friday AM*



This module is designed to further advance the student's understanding of business management techniques. Students will then apply these in order to develop their knowledge and understanding of the entrepreneurial skills required by managers in the small business and corporate sectors.

## Management Strategies

*Provisional timetable slot: Thursday AM*



This module is designed to allow students to appreciate the importance and need to develop a strategy for business. Students will apply the various tools and techniques of strategic management for analysis, evaluation and formulation of strategy allowing them to understand the process of implementation of strategic decisions and the management of change in an organisation.

## New Perspectives in Plant Protection

*Provisional timetable slot: Friday PM*



The objectives of this module are to provide you with knowledge of pest/weed population dynamics, disease epidemiology and pesticides. As crop protection is still dominated by the use of pesticides in the majority of crop systems, the aim is to introduce the discovery and mode of action of pesticides, and to make you aware of the effects of such agents on the environment as well as the strategies to avoid resistance. The forecasting of pest, disease and weed outbreaks, and the use of the appropriate pesticide dose will also be introduced within the context of rationalising pesticide use.

## Plant Biotic Interactions

*Provisional timetable slot: Monday PM*



The module focuses on developing an in-depth understanding of the variety and diversity of interactions between plants and other organisms. This knowledge will help explain how biotic interactions may be manipulated to obtain a beneficial effect. The module is intended to bridge the gap between the earlier explanation of the basic biological information and the application of biological knowledge which will be the key feature of other plant-related modules in year four.

## Sustainable Environmental Management

*Provisional timetable slot: Friday AM*



This module will focus on the environmental obligations and responsibilities facing organisations and the benefits that can be realised when effective management programmes are implemented. Module content will also cover techniques and protocols used to determine organisations' wider environmental impacts and provide appropriate mitigation. Measuring the effectiveness of Environmental Management Systems (EMSs) will also be discussed.

## The UK Agri-Food Industries

*Provisional timetable slot: Thursday PM*



This module is designed to develop an understanding of the structure and operation of the food chain both upstream and downstream of the farm and to explore the outlook for these industries. The module will also provide an overview of the interrelationships that exist between the key operators within the food chain.

## Timetables - Edinburgh:

<b>Agriculture – choose 4 from:</b>					
	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>AM</b>	Advanced Agronomy	Business Marketing		Advanced Agronomy	Management Skills and Entrepreneurship
<b>PM</b>	Animal Feed Technology	Livestock Production Technology		The UK Agri-Food Industries	New Perspectives in Plant Protection

<b>Biological Science – choose 4 from:</b>					
	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>AM</b>	Experimental and Analytical Techniques	Mammalian Growth and Development			
<b>PM</b>	Ecology: Management and Impacts <b>or</b> Animal Feed Technology	Action for Biodiversity		Animal Science and Society	New Perspectives in Plant Protection

<b>Environment – choose 4 from:</b>					
	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>AM</b>	Experimental and Analytical Techniques	Integrated Catchment Management			Sustainable Environmental Management
<b>PM</b>	Environmental Economics <b>or</b> Ecology: Management and Impacts	Environmental Chemistry and Toxicology <b>or</b> Action for Biodiversity		Climate Change and the Global Environment	

<b>Business – choose 4 from:</b>					
	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>AM</b>		Business Marketing		Management Strategies	Management Skills and Entrepreneurship
<b>PM</b>	Animal Feed Technology	Livestock Production Technology		The UK Agri-Food Industries	

<b>Horticulture – choose 4 from:</b>					
	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>AM</b>		Business Marketing		Horticultural Taxonomy	Management Skills and Entrepreneurship
<b>PM</b>	Plant Biotic Interactions <b>or</b> Ecology: Management and Impacts	Action for Biodiversity		Ethnobotany	New Perspectives in Plant Protection



## Erasmus/Exchange/Semester Study Application Form



This application form should only be used by the following students

- Students coming to SRUC to study under the Erasmus Scheme
- Overseas students coming for study, but for only part of the year (usually one term/semester)

Period of Study:	<input type="checkbox"/> Term 1 <input type="checkbox"/> Semester 1	<input type="checkbox"/> Term 2 <input type="checkbox"/> Semester 2	<input type="checkbox"/> Term 3 <input type="checkbox"/> Full Year	<i>Note 1</i>
Approximate Start Date (Month/Year):	/	SRUC Campus:	<input type="checkbox"/> Aberdeen <input type="checkbox"/> Ayr <input type="checkbox"/> Edinburgh	
Name of your home University/Sponsor:				
Address of your home University/Sponsor:				
Major/ Broad subject area of interest:				

Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female	Current Contact Address:
Title (Mr, Ms, etc):	
First Name:	
Family Name:	Country and Postcode:
Nationality:	Tel (incl Country Code):
Country of Domicile:	Email:
Date of Birth (dd/mm/yy):	Alternative Email:

Would you like to be emailed further information about accommodation options available to you? ☐ Yes ☐ No

**Please list below the modules you would like to study from timetables provided** (Note 2).

	Module Title	Office Use Only	
		Course Group	Provisional Timetable Slot
1			
2			
3			
4			



How many modules are you intending to study in total? (*Note 2*):

Please give details of the course(s) you are currently studying – include course title, subjects and current year of study:

Is English your native language?

☐ Yes ☐ No

If not, please state native language:

If not, is your English good enough to follow lectures and complete course assignments?

☐ Yes ☐ No

Please list any English language examinations/qualifications that you have taken (*Note 3*):

Do you have any disability?

☐ Yes ☐ No

Disability Code (*Note 4*):

Details of any disability, including any specific arrangements or facilities required (please continue on a separate sheet if necessary):

Do you have any criminal convictions (*Note 5*):

☐ Yes ☐ No

I certify that the information I have provided here is true and correct. I accept full responsibility for the information I have provided on this form and have read the Data Protection statement (*Note 6*). I confirm that by signing this form I agree to abide by the admissions requirements, rules and regulations of SRUC.

**Signature:**

**Date (dd/mm/yy):**       /       /

**This section is to be completed by the home institution Exchange/Erasmus Coordinator, or overseas company sponsor (*Note 7*):**

Full Name:

Position / Job Title:

Institution/Company:

Web Address:

Address:

Country and Postcode:

Email address:

**Signature:**

**Date (dd/mm/yy):**       /       /

Please contact SRUC's International Student Recruitment Office on **internationalstudent@sruc.ac.uk** with any questions.

**Completed application forms should be returned to:**

Vicki Todd, SRUC Aberdeen, Student Recruitment (ERASMUS),  
Ferguson Building, Craibstone Estate, Aberdeen, AB21 9YA, UK

For information, SRUC's Erasmus Coordinator (for bilateral agreements) is:

Dr Mark Hocart, Senior Tutor, SRUC Edinburgh, West Mains Road, Edinburgh EH9 3JG, UK



# Erasmus/Exchange/Semester Study Application Form



## Notes and Guidance

This application form should only be used by the following students

- Students coming to SRUC to study under the Erasmus Scheme
- Overseas students (i.e. non-UK) coming for study, but not registered for an SRUC award. This includes those from overseas institutions studying for a Semester as part of their home institution's course, and those from outwith the UK studying a number of modules as a short course/training/CPD programme.

UK students should use either the UCAS system (for full time study – [www.ucas.ac.uk](http://www.ucas.ac.uk)), the SAC Application form (for part-time study) or the SRUC Short Course application form (for studying a number of modules). Overseas students wishing to study for and be awarded an SRUC award (such as an HNC, HND, degree or postgraduate award) should apply on the appropriate form or through UCAS, indicating the desired year of entry. If in any doubt, please email [admissions@sruc.ac.uk](mailto:admissions@sruc.ac.uk) for advice.

### Note 1:

Please contact SRUC for full details on term/semester dates, which can vary both by campus and year of study.

### Note 2:

At SRUC, students studying courses in Year 1 or Year 2 (HNC/HND level) study 15 modules over the course of a full-time year, divided into three *terms*. Students studying courses in Year 3 or Year 4 (Degree level study) study 8 modules over the course of a full-time year, divided into two *semesters*. Each first or second year module is worth 4 ECTS credits, each third or fourth year modules is worth 7.5 ECTS credits.

**We would usually anticipate that those students coming to SRUC under a sponsored or exchange scheme would enter into Year 3 – degree level study – and would have the appropriate previous knowledge and experience.** Students would therefore be choosing **4 modules** of study to undertake in one semester (a total of 30 ECTS credits), or 8 modules for a whole academic year.

Module information is available from SRUC – please contact [internationalstudent@sruc.ac.uk](mailto:internationalstudent@sruc.ac.uk) prior to completion of this form in order to discuss your module requirements and obtain information about which courses are available in your subject area. We cannot guarantee that all modules will run each year. For this reason, and to address last-minute timetable clashes, it's advisable to include 5 or 6 modules choices, in order of preference (for one Semester, 9 or 10 for a full-year).

### Note 3

Please note, SRUC has a minimum English language requirement. Full details can be found in our prospectus and on-line materials.

### Note 4

Please insert the appropriate code onto the application form, giving full details, continuing on additional paper if necessary.

**[51]** A specific learning disability such as dyslexia, dyspraxia or AD(H)D

**[53]** A social/communication impairment such as Asperger's syndrome/other autistic spectrum disorder

**[54]** A long standing illness or health condition such as cancer, HIV, diabetes, chronic heart disease or epilepsy

**[55]** A mental health condition, such as depression, schizophrenia or anxiety disorder

**[56]** A physical impairment or mobility issues, such as difficulty using arms or using a wheelchair or crutches

**[57]** Deafness or a serious hearing impairment

**[58]** Blind or a serious visual impairment uncorrected by glasses

**[96]** A disability, impairment or medical condition that is not listed above

**[97]** Information refused

**[98]** Information not sought

**[99]** Not known

### Note 5

You must tick Yes if you have any criminal convictions. You may be asked to submit a personal declaration and undergo a Disclosure Scotland check.

### Note 6

Data Protection Statement: All data kept within SRUC is treated confidentially. By completing this application form you consent to your data being made available for official purposes, through our student administration system, to administrative and academic staff at SRUC.

### Note 7

By completing this section you are supporting this application and agreeing that the applicant is of an academic standard to study at the level requested.