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| **Job Description** |

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| Job Title: Aerial Survey Technician  School/Unit: Sea Mammal Research Unit, Scottish Oceans Institute.  Reporting to: Mr Callan Duck  Job Family: Academic Research  Duration of Post: 3 years | Working Hours: Full time/36.25 hours per week  Grade/Salary Range: Grade 4/£22,659 – £26,243 per annum  Reference No: TG1159AS  Start Date: December 2019, or as soon as possible thereafter. |

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| **Main Purpose of Role** |

The technician will be responsible for carrying out, supporting and analysing results from the aerial surveys required to monitor harbour and grey seal populations in the UK.

**Description of Duties**

The successful applicant will have two primary roles:

1. participating in the aerial survey programmes during the grey seal breeding season (September to December every other year) and harbour seal breeding and moulting seasons (June to August). The applicant may be required to spend protracted periods of up to four weeks away from the University of St Andrews base during these fieldwork sessions. After a period of training the applicant will be expected to be capable of taking overall responsibility for planning and executing the survey programme.
2. processing photo, video and GIS data collected during the aerial surveys, obtaining counts from the images, and maintaining the camera systems.

The applicant may also be required to assist with other fieldwork and may be required to assist with basic laboratory tasks for which appropriate training will be given.

Special Requirements:

The post holder will be required to spend periods of time away from home during the survey programmes.

*Please note that this job description is not exhaustive, and the role holder may be required to undertake other relevant duties commensurate with the grading of the post. Activities may be subject to amendment over time as the role develops and/or priorities and requirements evolve*.

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| **Person Specification** |

This section details the attributes e.g. skills, knowledge/qualifications and competencies which are required in order to undertake the full remit of this post.

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| **Attributes** | **Essential** | **Desirable** | **Means of Assessment**  (i.e. application form, interview, test, presentation etc) |
| Education & Qualifications  (*technical, professional, academic qualifications and training required)* | Degree in biology or similar/relevant subject  or  Demonstrated practical experience directly relevant to this post. |  | Application |
| Experience & Knowledge  (*examples of specific experience and knowledge sought*) | Practical experience operating and maintaining small mechanical systems and/or photographic or computer equipment outside normal laboratory or office environments. | Previous academic or industrial experience where motion sickness would be a potential problem, particularly involving working in aircraft or aboard small vessels.  Previous experience using photo editing and GIS software, and managing large datasets. | Interview and application |
| Competencies & Skills  (*e.g. effective communication skills, initiative, flexibility, leadership etc*) | Ability to demonstrate initiative.  Ability to work in a small team in remote locations.  Ability to work independently.  Ability to carry out repetitive computer-based work carefully without losing focus or patience.  Well-developed oral and written communication skills. | Ability to write scientific publications | Interview and application |

**Essential Criteria** – requirements without which a candidate would not be able to undertake the full remit of the role. Applicants who have not clearly demonstrated in their application that they possess the essential requirements will normally be rejected at the short listing stage.

**Desirable Criteria** – requirements that would be useful for the candidate to hold. When short listing, these criteria will be considered when more than one applicant meets the essential requirements.

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| **Other Information** |

We encourage applicants to apply online at [www.vacancies.st-andrews.ac.uk/welcome.aspx](http://www.vacancies.st-andrews.ac.uk/welcome.aspx), however if you are unable to do this, please call +44 (0)1334 462571 for a paper application form.

For all applications, please quote ref: TG1159AS

The University is committed to equality for all, demonstrated through our working on diversity awards (ECU Athena SWAN/Race Charters; Carer Positive; LGBT Charter; and Stonewall). More details can be found at <http://www.st-andrews.ac.uk/hr/edi/diversityawards/>.

The University is committed to equality of opportunity.

The University of St Andrews is a charity registered in Scotland (No SC013532).

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| **Obligations as an Employee** |

You have a duty to carry out your work in a safe manner in order not to endanger yourself or anyone else by your acts or omissions.

You are required to comply with the University health and safety policy as it relates to your work activities, and to take appropriate action in case of an emergency.

You are required to undertake the Information Security Essentials computer-based training course and adhere to its principles alongside related University Policy and Regulations.

You are responsible for applying the University’s equality and diversity policies and principles in your own area of responsibility and in your general conduct.

You have a responsibility to promote high levels of customer care within your own area of work/activities.

You should be adaptable to change, and be willing to acquire new skills and knowledge as applicable to the needs of the role.

You may, with reasonable notice, be required to work within other Schools/Units within the University of St Andrews.

You have the responsibility to engage with the University’s commitment to Environmental Sustainability in order to reduce its waste, energy consumption and carbon footprint.

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| **Who Are We? St Andrews At a Glance** |

Third oldest university in English speaking world

Consistently ranked [one of the UK’s top five universities](https://www.timeshighereducation.com/news/table-tables-2019-lincoln-and-nottingham-trent-top-30)

Award-winning [teaching quality and student experience](https://news.st-andrews.ac.uk/archive/st-andrews-top-in-the-uk-for-student-experience/)

Top in UK for [student satisfaction](https://news.st-andrews.ac.uk/archive/a-decade-at-the-top-for-scotlands-first-university/)

Research-intensive – ranked 14th in [UK Research Excellence Framework](https://www.ref.ac.uk/2014/)

Athena Swann [Bronze Award holder](https://news.st-andrews.ac.uk/archive/athena-swan-awards/)

[Strategy](https://www.st-andrews.ac.uk/about/governance/university-strategy/) founded on ambition to be World-Leading, Diverse, Global, Entrepreneurial and Socially Responsible.

Over 9000 students and 2500 staff

Highly international – over 45% of students and staff are from outwith the UK

A non-campus university, closely integrated with the ancient town of St Andrews

Top quality [sports](https://www.st-andrews.ac.uk/sport/), [music](https://news.st-andrews.ac.uk/archive/university-trumpets-construction-of-12.5-million-music-centre/) and [nursery](https://www.st-andrews.ac.uk/hr/edi/carers/childcare/nurseries/) facilities for staff and students

Committed to sustainability and a [pioneer of green energy solutions](https://news.st-andrews.ac.uk/archive/award-winning-biomass-plant-commissioned/)

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| **The University & Town** |

Founded in the early 15th century, St Andrews is Scotland’s first university and one of the oldest in the world.

Situated on the east coast of Scotland and framed by countryside, beaches and cliffs, [the town of St Andrews](https://en.wikipedia.org/wiki/St_Andrews) was once the centre of the nation’s political and religious life.

Today, it’s a vibrant academic town with a distinctively cosmopolitan feel where students and university staff account for more than half of the local population.

The University of St Andrews is a diverse and international community of almost 12,000 students and staff, typically of over 140 nationalities. It has over 9000 students, just over 7,000 of them undergraduates, and employs approximately 2,500 staff - made up of c. 1,190 in the academic job families and c 1,350 in the non-academic job families.

Under the leadership of current [Principal Professor Sally Mapstone](https://www.st-andrews.ac.uk/about/governance/key-officials/principal/), the University’s [Strategy (2018-23)](https://www.st-andrews.ac.uk/about/governance/university-strategy/) is to broaden its global influence, become more diverse and consolidate its long-held position amongst the top five universities in the UK.

The plan sets out St Andrews’ ambitions to grow its international profile, champion diversity and inclusivity, expand its portfolio of world-leading research, develop stronger links with industry and embed a new culture of entrepreneurship among students and staff.

It also places social responsibility at its heart, with a pledge to manage growth in student numbers, foster a growing culture of sustainability and pursue a research and teaching agenda for the wider public good.

The University is one of Europe’s most research-intensive seats of learning. In the [Research Excellence Framework (REF) 2014](https://www.ref.ac.uk/2014/) it was ranked top in Scotland for quality of research output and one of the UK’s top 20 research universities.

St Andrews is consistently held to be one of the United Kingdom’s top five universities in university league tables compiled by [The Times and The Sunday Times](https://www.thetimes.co.uk/article/good-university-guide-in-full-tp6dzs7wn), [The Guardian](https://www.theguardian.com/education/ng-interactive/2018/may/29/university-league-tables-2019) and [The Complete University Guide](https://www.thecompleteuniversityguide.co.uk/league-tables/rankings).

It has frequently been rated the leading university in Scotland for [teaching quality and academic experience](https://news.st-andrews.ac.uk/archive/st-andrews-top-in-the-uk-for-student-experience/), and in the National Student Survey 2018/19 was [the leading mainstream UK university for student satisfaction.](https://news.st-andrews.ac.uk/archive/a-decade-at-the-top-for-scotlands-first-university/)

In international and world rankings St Andrews scores highly for teaching quality, research, international outlook and citations. It is currently a World Top 100 institution in the [QS World University Rankings 2019.](https://www.topuniversities.com/university-rankings/world-university-rankings/2019)

St Andrews’ reputation for teaching, research and student satisfaction make it one of the most sought-after destinations for prospective students from the UK, Europe and overseas.

The University typically averages 12 applications per place and has not offered Clearing places for over a decade. St Andrews has highly challenging academic entry requirements to attract only the most academically potent students in the Arts, Sciences, Medicine and Divinity.

St Andrews holds an Institutional [Athena SWAN Bronze Award](https://news.st-andrews.ac.uk/archive/athena-swan-awards/), while the Schools of Biology, Physics & Astronomy and Psychology and Neuroscience have achieved [Athena SWAN Silver Awards.](https://www.st-andrews.ac.uk/hr/edi/sex_gender/athenaswansupport/)