



WHERE
WILL
YOUR
DEGREE
TAKE YOU?

OCEAN AND EARTH SCIENCE
CAREERS DAY 2021

CONSIDERING A CAREER IN OCEAN AND EARTH SCIENCE?

Ocean and Earth Science Careers Day
25 February 2021

We hope that you are all keeping safe and well at this time. This year our Careers Fair is unfortunately unable to go ahead due to the pandemic. We have asked organisations who usually attend to send us an advert to promote their job opportunities. We have collated these into this brochure to try and make this easier for you to navigate through. Also included in this brochure is a page of opportunities which the central careers team run to support you in your job search.

Understandably, we do not have our usual wide range of advertisers, but we hope to update these over the next few months, on our Careers Day web pages:

<https://www.southampton.ac.uk/oes/news/events/2021/02/careers-day.page?>

We hope to be able to see you in the near future.

Professor Alan Kemp

Key

- | | | |
|---------------------|--------------------------|-----------------------|
| ● Oceanography | ● Mechanical Engineering | ● Numerate Scientists |
| ● Marine Biology | ● Environmental Science | ● Others |
| ● Geology | ● Geographers | ● Summer Internships |
| ● Geophysics | ● Biological Science | ● Work Placements |
| ● Civil Engineering | | |

ATKINS

Member of the SNC-Lavalin Group

Atkins | ●●●●●

Designing for the future is about more than predicting what it looks like. It's about having the know-how and the expertise to turn predictions into projects that deliver results and meet ever-changing needs. That's what we do every day: for our clients, for their customers and for the sustainable future of our business and the world we operate in.

We are SNC-Lavalin, and we are experts at mastering complexity.

Using our industry know-how and leading resources, we create and deliver predictable outcomes for an unpredictable world. How do we do it? By thinking – and working – differently. With offices around the world, we connect people, technology and data to shape the future of our industry and the world around us. It's how we generate the knowledge, the ingenuity and the drive to meet so many of today's most pressing challenges – from population growth and increasing transportation needs, to climate change. And because we cover everything from blueprint to delivery, across the entire lifespan of a project, you can count on us for a client experience that is smoother, smarter and more efficient. At SNC-Lavalin, we're not just embracing change – we're driving it.

We are currently recruiting. All jobs are advertised through our careers portal:

- <https://careers.snclavalin.com/>

We host various events throughout the year. These are advertised on our company social media channels and on our careers website.

- <https://twitter.com/snclavalin>
- https://www.linkedin.com/company/snc-lavalin_2/
- <https://www.instagram.com/insideatkins/?hl=en>
- <https://www.facebook.com/snclavalin>
- <https://www.youtube.com/channel/UCscH8wwtdre2duBkAAeiaRw>



National Oceanography Centre
British Oceanographic Data
Centre BODC

British Oceanographic Data Centre (BODC) | ●●●●●●●●

The British Oceanographic Data Centre (BODC) is a national facility for looking after and distributing (biological, chemical, physical and geophysical) data concerning the marine environment.

We maintain and develop the National Oceanographic Database (NODB), which is a collection of marine data sets originating mainly from UK research establishments. We manage the data for the UK Tide Gauge Network, which records tidal elevations around the UK coast and we are part of the National Tide & Sea Level Facility (NTSLF). BODC is the designated marine data centre for the Natural Environment Research Council (NERC), and one of six designated data centres that manage NERC's environmental data.

As an accredited Data Archive Centre (DAC) within the Marine Environmental Data and Information Network (MEDIN), we are one of seven accredited centres and has specific responsibility to archive water column oceanographic data. BODC works with other oceanographic data centres in Europe, and is the UK partner in SeaDataNet and participates in the European Sea Level Service (ESEAS). In addition, staff at BODC perform data management for numerous marine projects.

Our databases contain measurements of nearly 22,000 different variables. Many of our staff have direct experience of marine data collection and analysis. We work alongside information technology specialists to ensure that data are documented and stored for current and future use.

We are not recruiting at present, we have recruited in the last couple of months. Our vacancies are listed at:

- <https://www.bodc.ac.uk/about/vacancies/>

We are not hosting any talks or virtual events at present.



Ground and Water Ltd | ●●●

We are a team of geotechnical and environmental engineers catering to London and the South East. We are passionate about what we do, and our mission is to provide the best contaminated land and geotechnical service to our clients, whilst creating an inspiring and happy culture.

As a small company we can offer a wide variety of projects and exposure to complex site works. Our commitment to Continued Professional Development and our dedicated team, ensures we are constantly learning, sharing our wealth of knowledge and expertise. No two days will be the same, you will never be bored and will finish your day with a real sense of job satisfaction. All of this and a fantastic team that will not only provide a sense of purpose but a sense of fun too.

Everyone at Ground and Water is part of our success. A happy and knowledgeable team means happy and satisfied clients. Everyone matters. We can only do that with a team that feels trusted, included, and inspired, in an environment where our team can grow, excel, and succeed.

We set ourselves high standards. We need to be agile and adaptable, responding swiftly to challenges and solving problems. Building and maintaining our knowledge and skills so we can continue to grow and do an incredible job.

We want everyone to realise their full potential and forge themselves a fulfilling and rewarding career with us, check out our website to hear what our team say about working at Ground and Water.

- <https://groundandwater.co.uk/>



Operation Wallacea | ●●●●●

Operation Wallacea has run biodiversity research expeditions for the last 25 years to a series of remote locations, helping university students from around the world gain valuable experience and get their hands dirty with real biodiversity research. From tropical rainforests and European grasslands to coral reefs and Mediterranean seagrass meadows, Opwall's network of more than 200 academics leads cutting edge research projects that help to inform local conservation management strategies. By joining our field surveys students are guaranteed a high level of academic involvement, and more than 500 papers (including some in high impact journals including Nature and PNAS) have been published from these annual programs.

By working alongside academics in the field, students can either gain broad experience as research assistants, or gather data on a specific conservation issue or taxa for their independent research project (dissertation). For all students, full scientific training will be provided on site before data is collected. For dissertation students, academic supervision will be provided before and after the expedition, ensuring students can attain a high-quality research project.

Operation Wallacea currently conduct research in a range of countries and ecosystem types around the world. Locations include Croatia, Transylvania, South Africa, Madagascar, Mexico, Honduras, Dominica, Guyana, Peru and Indonesia. The expeditions vary in length from 2 to 6 weeks between the months of June and August.

In January we will begin recruiting field staff for our research sites around the world. These opportunities are available for those who have relevant field experience, and are most suited to graduates: <https://jobs.opwall.com/>. For current students without the level of experience required, we would recommend taking part as a Research Assistant or Dissertation Student first in order to gain the skills needed. Operation Wallacea will then be happy to consider a staff application in a future season.

Informational Webinars will be advertised here: <https://www.opwall.com/free-webinar/>

- <https://www.opwall.com/>



Ordnance Survey | ●●●●●

Ordnance Survey (OS) provides national mapping services for Great Britain and is world-leading provider of geospatial solutions. OS location data and expertise has helped governments make smarter decisions, businesses gain valuable data insight, and everyone experience the world outside for over 225 years. From laptops to hilltops, blue lights to street lights and congestion to relaxation – our location expertise shows the world how to get to a better place. We enable smarter solutions to the world's most complex problems – turning location data into real world benefits. As an employee at OS you will support critical decision-making – for the prosperity and wellbeing of citizens, economies, and environments, you will help empower businesses with data-driven insight – driving efficiency, progress and innovation and inspire more people to get outside more often - with leading edge navigation technology. We have bold ambitions and an exciting vision for our future: To be recognised as world leaders in geospatial services, creating location insight for positive impact.

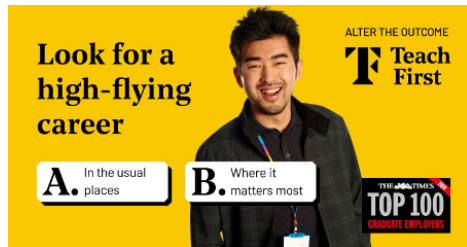
Our vision balances the way the world sees us with the way we see the world; to be trusted and admired, across the globe, for setting the standards and leading the way. Join us and together we can bring our vision to life.

We're transforming as a business and this transformation means opportunities. We have a number of exciting roles across the business and recommend you keep an eye on our careers site for up and coming opportunities that might be of interest: Search for Jobs (myworkdayjobs.com)

Applications for our 2021 Graduate intake are now closed – but please check back for future graduate programmes with OS. We usually advertise our Graduate programme in October and November time.

We'll be looking to host virtual webinars for potential candidate throughout the year. This will provide expert advice on giving you the best chance when applying to roles at Ordnance Survey. Please keep an eye out on our social media channels for future dates.

- <https://www.ordnancesurvey.co.uk/careers>



Teach First | ●●●●●●●●●●

Too often, the future of young people in the UK is decided by their postcode, not their potential. Teach First is a charity that exists to build a fair education for all children, not just some. We develop the inspiring teachers and leaders who will make it happen and who are determined to make a difference where it's needed the most. Train to become a teacher and leader with expert support from one of the UK's top graduate schemes, voted top 10 in The Times Top 100, 13 years in a row.

Benefits of the programme:

- Earn a salary from day one in the classroom and don't pay any fees
- Train on a programme rated 'Outstanding' by Ofsted
- Gain a fully-funded Postgraduate Diploma in Education and Leadership (PGDE), worth double the credits of a PGCE
- Develop skills and accredited leadership that will propel your career, whatever direction it takes
- Pursue a master's qualification at a reduced cost

It's a chance to unlock your talents while unlocking the potential of the next generation. We are also currently offering two online undergraduate programmes to help you develop key transferable skills. The Students Taster online that you apply for in your first year and The STEM Online Experience which STEM students can apply for in their penultimate year.

Link to graduate scheme: <https://www.teachfirst.org.uk/training-programme>
 Undergraduate schemes: <https://www.teachfirst.org.uk/STEM-experience> and
<https://www.teachfirst.org.uk/taster-students>

- <https://www.teachfirst.org.uk/>



PGCE at University of Southampton | ●

The PGCE courses at the University of Southampton provides an excellent route into teaching. We offer a range of 1 year programmes that will allow you to train to teach in [Primary](#) and [Secondary](#). The courses we offer include:

- PGCE Primary
- PGCE primary with Mathematics
- PGCE Secondary Mathematics
- PGCE Secondary Science (Chemistry, Physics and Biology)
- A full list can be found [here](#).

For Secondary Chemistry, Physics and Mathematics trainees there are [bursaries](#) available should you achieve a first, 2:1, 2:2, Master's or PhD.

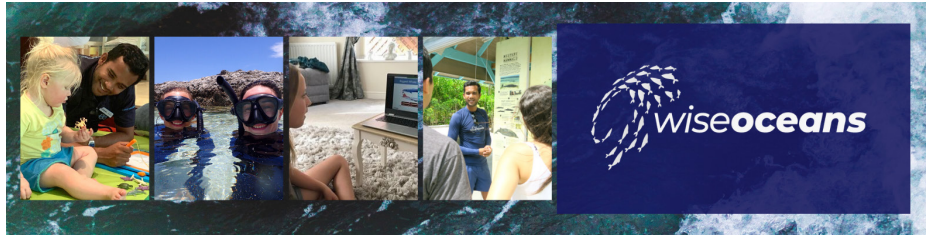
Our university-led and school direct PGCE courses give you the knowledge, confidence and experience to start a career in teaching. All our courses include placements in at least two schools, under the guidance of experienced classroom teachers. We also offer [Subject Knowledge Enhancement](#) courses if you have the right qualities and enthusiasm to teach but need some additional subject support.

Applications are currently open until Summer 2021. The application is made via UCAS and full details can be found on our webpage:

<https://www.southampton.ac.uk/education/postgraduate/itt.page>

If you want to find out more please complete an enquiry form to talk to one of our tutors:

- <https://www.southampton.ac.uk/education/postgraduate/itt.page>



WiseOceans | ●●●●

WiseOceans is a marine conservation and education company that works globally to strive towards a future with healthier oceans. We enable marine conservation professionals, students and enthusiasts to connect with the latest marine conservation jobs opportunities via our Job Board.

Job information can be found here: <https://www.wiseoceans.com/jobs/>

'So you want to work in marine research/conservation?'

Find out how to secure your dream job by talking to professionals working in this field. We will be hosting an informal Q & A session for you to ask those burning questions.

On 25th February 20 minute drop in sessions will be held at 10:30, 12:30, and 14:30 via Zoom. Meeting room ID 84278497696 / Passcode: 814330.

- www.wiseoceans.com

Our Central Webinar Offer

| Discover who you are... | Explore your options... |
|---|--|
| <ul style="list-style-type: none"> - Find my WHY - clarifying your personality, strengths and motivations and how they can be a clue to your career choice. - Stand out! How to identify your skills and stand out to employers | <ul style="list-style-type: none"> -Exploring the job market during Covid19 and beyond -Considering postgraduate study and what to expect |
| Plan and prepare... | Take action... |
| <ul style="list-style-type: none"> -Making effective career decisions - Where do I start? Your guide to career planning -Enterprise | <ul style="list-style-type: none"> -Video and phone interviews masterclass -Finding and securing work experience -Cracking online assessments |

Careers and Employability Service

The University offers a Careers and Employability Service and every year they help thousands of students to explore, develop and shape their futures. This is achieved through connecting them with hundreds of organisations, graduate recruiters, and further study providers. More information on the services offered can be found here:

- <https://www.southampton.ac.uk/careers>

Reasonable care has been taken in the preparation of this brochure. However the University accepts no responsibility for the accuracy of the information contained relating to external organisations, nor for any breach of copyright. Inclusion of information about an external organisation in this brochure does not imply a recommendation by the University and any student entering into an arrangement or agreement with any of them should rely upon their own enquiries and seek independent advice where appropriate.

Contact us

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southampton.ac.uk/oes
 Twitter: @UoS_OES @OceanEarthUoS

UoS Careers and Employability
southampton.ac.uk/careers
 Twitter: @UoS_Careers
www.facebook.com/UoSCareersandEmployability

www.southampton.ac.uk/oes