Contact
For any questions regarding the programme or your application, contact:
Dr David Woolf (d.k.woolf@hw.ac.uk)
International Centre for Island Technology (ICIT)
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Phone: +44 (0) 1856 850605
Email: icit@hw.ac.uk;
Website: www.hw.ac.uk/icit;
Facebook: https://www.facebook.com/ICITOrkney/

Entry requirements
Applicants should hold a good degree or equivalent in education or work and life experience - a wide range of first qualifications are acceptable.

English language requirements
If your first language is not English, or your first degree was not taught in English, we will need evidence of your English language ability. The minimum requirement for English language is IELTS 6.5 or equivalent. We also offer a range of English language courses to help you meet the English language requirement prior to starting your MSc programme.
https://www.hw.ac.uk/study/entry/english-language-requirements.htm

Feeds and funding
Course fees can be viewed in our online prospectus.
https://www.hw.ac.uk/about/profile/order-a-prospectus.htm

How to apply
To apply for the Marine Renewable Energy programme, simply complete an application online at:
https://www.hw.ac.uk/study/apply/uk/postgraduate.htm

MRE MSc/PgDip
Marine Renewable Energy

Graduate profile
Danny Bain
Danny, from Orkney in Scotland, graduated with an MSc in Marine Renewable Energy in 2014. He now works at Scotrenewables Tidal Power Ltd as HSE and Project Co-ordinator.

I manage Scotrenewables HSE Policies and Safety Systems, providing advice, support and assistance to maintain continuous safe working practice. I compile monthly reports to the CEO and quarterly reports to the Board of Directors that allow us to assess the companies risk profile and HSE performance, and to ensure we are adequately prepared for any complex operations we have planned.

Do you have any advice for students thinking of studying in Orkney?
Speaks to the lecturers and staff at ICIT if you are unsure about how your existing skills could transfer into the industry, and how the postgraduate courses could assist. The advice and guidance they can give you is second to none and the support they offered throughout the course was fantastic.

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Offshore wind is now fully commercialised and wave and tidal stream and other renewable energy resources have plans to develop their marine energy resources. The Orkney Islands is home to the European Marine Energy Centre (EMEC), the first and only centre in the world to provide developers of marine renewable energy technology with a full suite of professional services. As countries increasingly seek to develop indigenous renewable energy developers as they seek to maximise economic benefits whilst grappling with challenges of economic regulatory and environmental issues, and securing funding.

The MRE programme is designed to provide graduates with other essential skills in the renewables sector. It addresses the needs of overcoming regulatory and environmental issues, and securing funding. Our graduates typically hold a wide spectrum of key positions within renewable energy technology development companies, utilities, Consultants, Governments, regulators and NGOs.

Graduate destinations and job prospects
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Programme highlights
• You will be living and studying in Orkney, a ‘living laboratory’ surrounded by a wealth of experience and with real life developments and issues of first hand.
• As countries increasingly seek to develop indigenous renewable energy developers as they seek to maximise economic benefits whilst grappling with challenges of economic regulatory and environmental issues, and securing funding.
• Orkney is home to the European Marine Energy Centre (EMEC), the first and only centre in the world to provide developers of marine renewable energy technology with a full suite of professional services.
• Orkney is a centre of excellence in marine renewable energy with excellent tidal resource, strong tidal currents.
• Orkney is home to the European Marine Energy Centre (EMEC), the first and only centre in the world to provide developers of marine renewable energy technology with a full suite of professional services.
• Orkney is surrounded by a wealth of backgrounds wishing to apply their knowledge and experience in the sector.
• The Marine Renewable Energy programme is designed around the three key drivers of renewable energy development: Policy and Economics, Technology, and Environment.
• Throughout the programme a strong emphasis is placed on dealing with real-world situations and international examples.

Programme content
• Semester 1: Economics of Renewable Energy (M); Marine Renewable Technology (M); Oceanography (M); Energy in the 21st Century (O); Environmental Processes (O).
• Semester 2: Migration of Renewable Technology (M); Development Appraisal (M); Development Project (M); Commercialisation & Marine Renewable (O).
• Semester 3: Research Dissertation.

Internships cannot be guaranteed but help in finding posts will be available. Assistance will be given with the selection of suitable topics.

Graduate destinations
- Marine Energy.
- Renewable Technology.
- Development Appraisal.
- Commercialisation.
- Marine Renewable.

Graduate profile
Alex Riddell
Alex graduated with an MSc in Marine Renewable Energy from our Orkney Campus. He is now Service Support Officer for Global Marine Systems Ltd.

What is your current role/job title and responsibilities?
My job title is Service Support Officer for Global Marine Systems Ltd. My job role includes helping our developers of renewable energy technology with the planning of marine industries. Studying in Orkney provides you access to a ‘living laboratory’ with the added benefit of field trips, experts, and an engaged maritime community all on the doorstep.

How has studying Marine Renewable Energy help you in your current role?
My masters in Marine Renewable Energy gave me a comprehensive overview of the renewable industry and I learnt skills that I have transferred into my current day-to-day job. I learnt how the environment will benefit from these innovative technologies and how the industry will progress into the future. The current downfall in the oil and gas market has led to companies expanding their services elsewhere and the marine renewable industry is becoming increasingly competitive. Therefore skills in the renewable industry are becoming more and more valuable.

What advice do you have for any prospective student thinking of joining the Orkney Campus?
Do it - you will not regret it! The staff and students at the University are all approachable, friendly and willing to help. The courses available are really interesting and you will have the opportunity to not only study the content but also to see it in action. The weather can sometimes be tough. However, you have the chance to fully experience what you are studying. Nothing beats a completely calm and sunny winter’s day in Orkney. The view from your classroom will also be stunning and the summer festivals, well I still go back to them now.

Graduate profile
Alex Riddell
Alex graduated with an MSc in Marine Renewable Energy from our Orkney Campus. He is now Service Support Officer for Global Marine Systems Ltd.