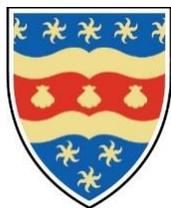




**Plymouth University**  
**Academic Partnerships**  
**CORNWALL COLLEGE, Newquay**  
**Programme Quality Handbook**  
**FdSc Surf Science and Technology**  
**Academic Year 2019-2020**



**UNIVERSITY OF  
PLYMOUTH**

*If you require any part of this Handbook in larger print, or an alternative format, please contact:*

HE Operations

Tel: (01209 616256)

E-mail: (cornwallhea@cornwall.ac.uk)

**Please note:**

All the information in this Handbook is correct at the time of printing.

The Cornwall College Group is proud of its teaching and research and it undertakes all reasonable steps to provide educational services in the manner set out in this Handbook and in any documents referred to within it. It does not, however, guarantee the provision of such services. Should industrial action or circumstances beyond the control of the College interfere with its ability to provide educational services, the University undertakes to use all reasonable steps to minimise the resultant disruption to those services.

# Welcome and Introduction to FdSc Surf Science and Technology

This is your learning, teaching and assessment handbook. It is a guide to all of the learning, teaching and assessment related to your study on the FdSc Surf Science and Technology. This course handbook contains information about what you are going to learn, how you are going to learn and how you will be assessed.

You will be studying the following: Event Management, Marine Conservation, Surf Culture and History, Design and Production, Business and Law, Psychology, Health & Fitness relating to sport, Media and Marketing, Politics of Sport, Fieldwork, Environmental Dynamics, Surf Practice and Coaching. Work experience is an integral part of the course and you will have the opportunity to complete a work placement in a surf related industry. During the course you will have the opportunity to design and build your own surfboard, take a surf coaching award, organise and judge a surfing competition and develop a training and fitness regime. An important part of the second year will be your individual project which will enable you to carry out first hand research into an area that interests you. There will also be a field trip to France and Spain to explore further the culture of surfing and also the human and climatic impacts on the environment.

## Distinctive Features

There are many aspects of the FdSc Surf Science and Technology that make it distinctive.

Example:

- Field trip to Spain and France
- The breadth of the subjects covered
- Classrooms on the beach
- Run a national level surfing contest and a conference
- Build your own surfboard
- Work with a variety of surf industry professionals and organisations
- Gain work experience in a relevant industry
- Opportunities to improve your employability skills via industry engagement, networking and work based learning.

## Programme Team

Programme Leader: **Ruth Martin**. [ruth.martin@cornwall.ac.uk](mailto:ruth.martin@cornwall.ac.uk)

What does your programme leader do? Ruth organises, teaches and completes all of the quality assurance paperwork associated with your programme. Ruth has extensive experience of developing and writing HE courses, teaching, tutoring and coordinating Higher Education courses and the associated administrative processes.

### Module Leaders:

#### Chris Selvey:

CORN123 Culture of Surf and Sport

CORN158 Scientific Techniques

CORN242 Sociological and Psychological Perspectives of Surfing

#### Michelle Gurney:

CORN124 Physical and Geographical Influences on Surfing

CORN223 Ecology and Management of the Coastal Environment

#### Stephen Bowens:

CORN138 Surf Practice

CORN139 Media and Events

CORN146 Production Methods and Materials

CORN251 Application of Computer Aided Design in the Surf Industry

#### Phil Toy:

CORN243 Scientific Aspects of Health, Fitness and Nutrition in Sport

#### Brender Willmott:

CORN269 Surf Businesses

#### Ruth Martin:

NQS219 Individual Research Project

**CORPORATE HE ASSISTANT REGISTRAR: Mitch Inglis.** *What does the Corporate HE Assistant Registrar (CHEAR) do?* The CHEAR is your point of contact in HE Operations for all administrative paperwork to do with the programme. He can be contacted on: Telephone: 01209 617759 or Ext 3759.

Email: [mitch.inglis@cornwall.ac.uk](mailto:mitch.inglis@cornwall.ac.uk)

# PROGRAMME SPECIFICATION



**Programme Title:** FdSc Surf Science and Technology

**Internal Programme Code:** FT 2502 PT 5305

**Partner Delivering Institution:** Cornwall College, Newquay

**State Date:** September 2019-20

**First Award Date:** FT July 2021-22 PT July 2022-23

**Date(s) of Revision(s) to this Document:** June 2019

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## PS1. Programme Details

<b>Awarding Institution:</b>	University of Plymouth
<b>Partner Institution and delivery site (s):</b>	Cornwall College, Newquay
<b>Accrediting Body:</b>	Plymouth University
<b>Language of Study:</b>	English
<b>Mode of Study:</b>	Full time (2 years) or Part time (3 years)
<b>Final Award:</b>	FdSc Surf Science and Technology
<b>Intermediate Award:</b>	Certificate of Higher Education (CertHE)
<b>Programme Title:</b>	FdSc Surf Science and Technology
<b>UCAS Code:</b>	<b>CF68</b>
<b>HECOS Code:</b>	100433
<b>Benchmarks:</b>	QQA Subject Benchmark Statement - Earth Sciences, Environmental Sciences and Environmental Studies October 2014 Events, Hospitality, Leisure, Sport and Tourism November 2016 Framework for Higher Education Qualifications (FHEQ)
<b>Date of Programme Approval:</b>	August 2002

## PS2. Brief Description of the Programme

Your programme is designed to give you a breadth of science, technology, history and social sciences, underpinning the sport of surfing and the related industries that have grown up around it. You will study the human sciences related to the sport and the environmental sciences related to where it takes place and the effect of surfing on the environment. From a social science perspective you will study the sociology and psychology, the history and geography and from a technological angle you will study the principles of design, evolution and future of the materials involved in the sport. In addition you will investigate business, event management and law and media as it relates to the sport and its related industries.

Throughout the duration of the course you will have many opportunities to engage with the surf industry in many of its different forms and to work with professionals to run competitions, build and design hardware, coach and investigate in depth the impact of surfing on the environment.

You will have the opportunity to undertake a work placement in a surf related industry of your choice and also to undertake a research project in your own particular field of interest.

### PS3. Details of Accreditation by a Professional/Statutory Body (If Appropriate)

N/A

### PS4. Exceptions to Plymouth University Regulations

(Note: Plymouth University's Academic Regulations are available internally on the intranet:

<https://staff.plymouth.ac.uk//extexam/academicregs/intranet.htm>)

None

### PS5. Programme Aims

**This programme will deliver:**

- 1) Provide the student with the knowledge and skills to enable students to follow a career in the surf industry;
- 2) provide the students with the academic knowledge and ability needed for progression onto the third year of a BSc;
- 3) develop the skills required for effective teamwork;
- 4) develop the skills required for effective autonomous work;
- 5) develop critical and analytical skills;
- 6) develop such transferable skills as to prepare the student for the world of work
- 7) seek to develop interpersonal skills.

### PS6. Programme Intended Learning Outcomes (ILO)

**By the end of this programme the student will be able to:**

- ILO1: knowledge and understanding – apply a thorough knowledge of key principles and concepts of surf science and technology;
- ILO2: cognitive and intellectual skills – use a range of techniques to initiate and undertake critical analysis of information and to propose solutions to problems arising from that analysis in their chosen specialism with the surfing industry;
- ILO3: transferable skills – evaluate sources of relevant information, predict and effectively communicate in a wide range of forms to specialist and non-specialist audiences;
- ILO4: employment – conduct practical work related to the industry with due regard for safety and the assessment of risk;
- ILO5: practical – undertake further training, develop existing skills and acquire new competencies in line with the concept of lifelong learning to enable them to assume responsibility within organisations.

## PS7. Distinctive Features

Exceptional resources – opportunity to work with board shaping professionals.

Interesting and unique content mix.

Opportunity to take ISA/ASA Judging Course.

Opportunity to run an event.

Fieldwork and fieldtrip are a major component of course. Located on a surfing beach and in the heart of much of UK surf industry.

Close links with local industry.

Opportunity to develop coaching skills and achieve relevant vocational qualifications

The chance to have lectures by specialists in a variety of subject areas.

Board build with local board shaping company

Experienced, enthusiastic and friendly staff.

Small group teaching.

## PS8. Student Numbers

*The following provides information that should be considered nominal, and therefore not absolutely rigid, but is of value to guide assurance of the quality of the student experience, functional issues around enabling progression opportunities to occur and staffing and resource planning:*

*Minimum student numbers per stage = 10*

*Target student numbers per stage = 15*

*Maximum student numbers per stage = 30*

## PS9. Progression Route(s)

*Approved “progression route(s)” are those where successful achievement in this programme enables direct alignment to join a stage of another programme. This is an approach employed primarily for Foundation Degree students to “top-up” to complete a Bachelor degree, but may be employed for other award types.*

*This is in part an automated admissions criterion and therefore progression may be impacted on by availability of a position on the progression award; however progression opportunity, if not available in the first year of application, is guaranteed within 3 years.*

*Progression arrangements with institutions other than Plymouth University carry an increased element of risk. It is necessary for the delivering partner institution to obtain formal agreement from that institution to guarantee progression for existing students on the programme. For progression to Plymouth University, should there be the need to withdraw the progression route programme(s) then*

*either this will be delayed to provide progression or appropriate solutions will be found. This arrangement is guaranteed for existing students that complete their programme of study with no suspensions or repeat years and who wish to progress immediately to the University.*

On successful completion of the Foundation Degree you may use the credits that you have gained to apply for entry to other degree courses, such as the BSc Hons Environmental Resource Management and BSc Hons Sports Health and Exercise at Cornwall College and the BSc (Hons) Marine Sports Science top up at Newquay.

The contribution of marks from prior levels of study to the progression award is governed by University regulations.

## PS10. Admissions Criteria

Entry Criteria (Qualifications)	Details
Functional Skills	L2 Literacy and L2 Numeracy
GCSE (or equivalent)	Minimum of Grade C/grade 4 in Maths, English Language and Science (if science based programme)
A/AS Levels	48 UCAS tariff points to include at least 32 points from A2 level in relevant subjects
BTEC National Diploma/Extended Diploma/L3 Diploma	48 UCAS tariff points – in a relevant subject
BTEC 90 Credit Diploma/Subsidiary Diploma*	As above in a relevant subject and considered only with combination of other relevant level 3 qualifications
City & Guilds (land based) Extended Diploma/Advanced Technical Extended Diploma	48 UCAS tariff points – in a relevant subject
City & Guilds (land based) L3 Diploma/ Subsidiary Diploma/90 Credit Diploma*	48 UCAS tariff points – in a relevant subject  *Usually accepted only in combination with other relevant L3 qualifications
Access to HE Diploma	Successful completion of Access to HE Diploma with at least 45 credits at level 3 in a relevant subject
International Baccalaureate	24 points
Scottish/Irish	48 UCAS tariff points to include at least 32 points from Scottish Advanced Highers/Irish Highers
Other Level 3 qualifications	Will be taken into consideration and dependent upon subject area and number of units studied
Mature Applicants (over 21)	Mature applicants with relevant experience but without the stated entry qualifications will be considered individually at interview
Accreditation of Prior Learning	
Independent Safeguarding Agency (ISA)/Disclosure and Barring Service (DBS) clearance required	
Capability statement	

## **PS11. Academic Standards and Quality Enhancement**

*The Programme Leader/Manager (or the descriptor) leads the Programme Committee in the Plymouth University's annual programme monitoring process (APM), as titled at the time of approval. APM culminates in the production, maintenance and employment of a programme level Action Plan, which evidences appropriate management of the programme in terms of quality and standards. Any formally agreed changes to this process will continue to be followed by the Programme Leader/Manager (or other descriptor) and their Programme Committee.*

*Elements of this process include engaging with stakeholders. For this definitive document it is important to define:*

### **Subject External Examiner(s):**

An Interim visit by External Examiner (EE) (usually between January and February) will review work that has been marked, consult students and feed back to the programme manager and module leaders and course team.

Subject Assessment Panel (SAP) reviews the assessment marking and is scrutinised by the subject EE. Representatives of the team review and present their module marks for each student on the programme.

The annual Award Assessment Board (AAB) takes place with Programme Manager, the awarding body's partnership member and the External to receive the students work and confer progression or award.

All of this programme's modules are covered by a single External Examiner

### **Additional stakeholders specific to this programme:**

Students have the opportunity to discuss the programme independently, twice a year in the Student Review. This forms part of the discussion for the annual programme monitoring in the autumn and spring of each academic year.

The Student Perception Questionnaire (SPQ) is administered during the year and feeds into the programme review.

Students Representatives attend Annual Programme Monitoring (APM) to contribute student views alongside Module Leaders, the Programme Manager and the Assistant Registrar to monitor module delivery and the course provision.

Curriculum meetings take place once a month to review progression, department provision, resources and staffing

## PS12. Programme Structure

<b>College</b>	Cornwall College - Newquay		<b>Programme Title</b>	FdSc Surf Science and Technology
<b>Academic Year</b>	2019-2020		<b>Mode of Attendance</b>	Full time 2 Year
<b>Plymouth Programme Code</b>	2502		<b>Course Duration</b>	
			<b>Total Credits</b>	Level 4 120 credits Level 5 120 credits 240 total
<b>FHEQ level: FdSc Surf Science and Technology For: Full Time</b>				
<b>F/T Route Year</b>	<b>When in Year? (i.e. Autumn, Spring etc.)</b>	<b>Core or Option Module</b>	<b>Credits</b>	<b>Module</b>
<b>Year 1 Level 4</b>				
FT - 1	All	Core	20	CORN1005 Key Professional Skills
FT - 1	All	Core	20	CORN123 - Culture of Surf and Sport
FT - 1	All	Core	20	CORN124 - Physical and Geographical Influences on Surfing
FT - 1	All	Core	10	CORN138 - Surf Practice
FT - 1	All	Core	10	CORN139 - Media and Events
FT - 1	All	Core	20	CORN158 - Scientific Techniques
FT - 1	All	Core	20	CORN146 - Production Methods and Materials
<b>Year 2 Level 5</b>				
FT - 2	All	Core	20	CORN223 - Ecology and Management of the Coastal Environment
FT - 2	All	Core	20	CORN242 - Sociological and Psychological Perspectives of Surfing
FT - 2	All	Core	20	CORN243 - Scientific Aspects of Health, Fitness and Nutrition in Sport
FT - 2	All	Core	20	CORN269 - Surf Businesses
FT - 2	All	Core	20	NQS219 - Individual Research Project
FT - 2	All	Core	20	CORN251 - Application of CAD in the surf industry

<b>College</b>	Cornwall College - Newquay	<b>Programme Title</b>	FdSc Surf Science and Technology
<b>Academic Year</b>	2019-2020	<b>Mode of Attendance</b> <b>Course Duration</b>	Part Time 3 Years (indicative)
<b>Plymouth Programme Code</b>	2502	<b>Total Credits</b>	Level 4 120 credits Level 5 120 credits 240 total

FHEQ level: FdSc Surf Science and Technology For: Part Time (indicative)				
F/T Route Year	When in Year? (I.e. Autumn, Spring etc.)	Core or Option Module	Credits	Module
Year 1 Level 4 80 credits				
Year 1	All	Core	20	CORN1005 Key Professional Skills
Year 1	All	Core	10	CORN139 - Media and Events
Year 1	All	Core	20	CORN124 - Physical and Geographical Influences on Surfing
Year 1	All	Core	10	CORN138 - Surf Practice
Year 1	All	Core	20	CORN158 - Scientific Techniques
Year 2 Level 4 (40 credits) Level 5 (40 credits) total 80 credits				
Year 2	All	Core	20	CORN123 - Culture of Surf and Sport
Year 2	All	Core	20	CORN146 - Production Methods and Materials
Year 2	All	Core	20	CORN223 - Ecology and Management of the Coastal Environment
Year 2	All	Core	20	CORN243 - Scientific Aspects of Health, Fitness and Nutrition in Sport
Year 3 Level 5 80 credits				
Year 3	All	Core	20	NQS219 - Individual Research Project
Year 3	All	Core	20	CORN251 - Application of CAD in the surf industry
Year 3	All	Core	20	CORN269 - Surf Businesses
Year 3	All	Core	20	CORN242 - Sociological and Psychological Perspectives of Surfing

## PS13. Explanation and Mapping of Learning Outcomes, Teaching & Learning and Assessment

*Developing graduate attributed and skills, at any level of HE , is dependent on the clarity of strategies and methods for identifying the attributes and skills relevant to the programme and where and how these are operationalised. The interrelated factors of Teaching, Learning and Assessment and how these are inclusive in nature, are fundamentally significant to these strategies and methods, as are where and how these are specifically distributed within the programme.*

*Ordered by graduate attributes and skills, the following table provides a map of the above, plus an exposition to describe and explain the ideas and strategy of each. Therefore, subsequent to the initial completion for approval, maintenance of this table as and when programme structure changes occur is also important:*

FHEQ level: FdSc Surf Science and Technology Level 4 & 5					
Definitions of Graduate Attributes and Skills Relevant to this Programme	Teaching and Learning Strategy / Methods	Prog Aims	Prog intended Learning Outcomes	Range of Assessments	Related Core Modules
<p><b>Knowledge / Understanding:</b></p> <p>knowledge and critical understanding of the well-established principles of their area(s) of study, and the way in which those principles have developed; knowledge of the main methods of enquiry in their subject(s) and ability to evaluate critically the appropriateness of different approaches to solving problems in the field of study.</p> <p>By the end of this level of this programme the students will be able to demonstrate for a threshold pass: They will also be able to demonstrate an understanding of the limits of their</p>	<p><b>Primary:</b></p> <ul style="list-style-type: none"> <li>Lectures and tutorials.</li> <li>Classroom discussions.</li> <li>Student seminars.</li> </ul>	1	1 and 3.	Key knowledge and understanding is assessed via a combination of multiple choice tests,	<p><u>Level 4</u> CORN122, CORN 139</p> <p><u>Level 5</u> NQS219, CORN243</p>

<p>knowledge, and how this influences analyses and interpretations based on that knowledge. In particular: Individual Research Project By the end of the programme the student will be able to demonstrate knowledge and understanding of:</p> <ul style="list-style-type: none"> <li>• Classification and identification of organisms from marine habitats and knowledge of marine ecology.</li> <li>• Coastal zone processes (waves, weather, coastal zone management).</li> <li>• Human impacts on aquatic ecosystems and management of coastal resources.</li> <li>• The surfer as an individual through biology, psychology and the relationship with society.</li> <li>• Manufacture of surf related equipment including design, production and material specification.</li> <li>• The sport of surfing and the frameworks that the sport and the surf industry fall within (organisation, politics, media, business and law).</li> <li>• Basic mathematics, statistics and information technology.</li> <li>• The major theories of the discipline(s) and an awareness of a variety of ideas, contexts and frameworks</li> <li>• The wider social and environmental implications of area(s) of study and is able to debate issues in relation to more general ethical perspectives</li> </ul>	<ul style="list-style-type: none"> <li>• Fieldwork exercises.</li> <li>• Laboratory practical exercises.</li> <li>• Self-directed study.</li> <li>• Research activities.</li> </ul> <p><a href="#">Secondary/Supplementary:</a></p> <ul style="list-style-type: none"> <li>• Case studies.</li> <li>• Problem solving exercises</li> </ul>		<p>examinations, essays, presentations and seminar performances.</p>	
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Fundamental ecological and biological concepts.					
<p>An explanation for embedding Knowledge and Understanding through Teaching &amp; Learning and Assessment at this level of the programme: Earth Sciences, Environmental Sciences and Environmental Studies (ES3) Foundation Degree</p>					
<p><b>Cognitive and Intellectual Skills:</b></p> <p>Students will be able to demonstrate an ability to present, evaluate, and interpret qualitative and quantitative data, to develop lines of argument and make sound judgements in accordance with basic theories and concepts of their subject(s) of study.</p> <p>By the end of this level of this programme the students will be able to demonstrate for a threshold pass:</p> <p>They will also be able to demonstrate the ability to evaluate the appropriateness of different approaches to solving problems related to their area(s) of study and/or work. In particular to: Fieldwork, Media and marketing, Surf Practice, Physical Influences</p> <p>By the end of the programme the student will be able to:</p> <ul style="list-style-type: none"> <li>• Critique rival theories and frameworks</li> <li>• Analyse and synthesise</li> </ul>	<p><b>Primary:</b> Class exercises Tutorial/seminar discussions Feedback via coursework assessment process (essays etc)</p> <p><b>Secondary/Supplementary:</b> Policy and practice analysis in surgeries Computer-based practicals on data and measurement problems</p>	2 and 5.	2 and 3	<p>Assessed discussions Essays/projects/dissertations Examinations/tests Coursework/groupwork on practical application questions Student presentations</p>	<p><u>Level 4</u> CORN139, CORN124, CORN125, CORN122 <u>Level 5</u> NQS219</p>

<ul style="list-style-type: none"> <li>Intelligently apply appropriate principles in assessing policy or practice</li> </ul> <p>Demonstrate problem solving and research skills</p>					
<p>An explanation for embedding Cognitive and Intellectual Skills through Teaching &amp; Learning and Assessment at this level of the programme: Earth Sciences, Environmental Sciences and Environmental Studies (ES3) Foundation Degree</p>					
<p><b>Key Transferable Skills:</b></p> <p>Students will be able to demonstrate an ability to communicate accurately and reliably, and with structured and coherent arguments</p> <p>Students will also be able to demonstrate an ability to take different approaches to solving problems. In particular to: Places and Events, Surf Practice and PDP.</p> <p>By the end of this level of this programme the students will be able to demonstrate for a threshold pass:</p> <p>interact effectively within a team / learning group,  manage learning using resources for the discipline  communicate effectively in a manner appropriate to the discipline (in standard English oral, written, using ICT)  take responsibility for own learning with minimum direction</p>	<p><b>Primary:</b>  Library and other research exercises  Group work awareness and practice  Computer-based learning and assessment</p> <p><b>Secondary/Supplementary:</b>  Class and seminar interactions and feedback</p>	<p>3 and 6</p>	<p>2 and 3</p>	<p>Coursework of all types  Examination preparation and completion  Assessed discussions  Group work assessments</p>	<p><u>Level 4</u>  CORN139,  CORN1006  CORN122  <u>Level 5</u>  CORN243,  NQS219  CORN244,  CORN242</p>

manage information with the ability to select appropriate data from a range of sources and develop appropriate research strategies					
<p>An explanation for embedding Key Transferable Skills through Teaching &amp; Learning and Assessment at this level of the programme: Earth Sciences, Environmental Sciences and Environmental Studies (ES3) Foundation Degree</p>					
<p><b>Employment Related Skills:</b> Students will be able to demonstrate an ability to undertake further training and develop new skills within a structured and managed environment and the qualities and transferable skills necessary for employment requiring the exercise of personal responsibility. In particular to: Surf Practice, Fieldwork and Market Research, PESD</p> <p>By the end of this level of this programme the students will be able to demonstrate for a threshold pass: to apply subject principles in an employment context possibly different from that in which they were first studied; undertake further training, develop existing skills and acquire new competencies that will enable them to assume significant responsibilities within organisations and demonstrate the qualities and transferable skills necessary for employment requiring the exercise of personal responsibility and decision making. In particular: PESD</p>	<p>Primary: Secondary/Supplementary:</p>	6	4 and 5	Lectures and tutorials and work placement	CORN140, CORN122, CORN1006 CORN244
<p>An explanation for embedding Employment Related Skills through Teaching &amp; Learning and Assessment at this level of the programme: Earth Sciences, Environmental Sciences and Environmental Studies (ES3)</p>					

Foundation Degree					
<p><b>Practical Skills:</b> Ability to use appropriate field equipment with due regard for safety and the assessment of risk. In particular in relation to Surf Practice, Marine Conservation, Fieldwork and Production Methods.</p> <p>In particular with regard to Health, Fitness and Nutrition, Research Project, CAD,</p> <p>By the end of this level of this programme the students will be able to demonstrate for a threshold pass: Employ ecological surveying techniques. Biological assessment of environmental quality. Effective communication skills. Surf coaching and beach safety skills. Utilise basic surfboard manufacturing skills. Employ specific computer and information technology skills Employ observational techniques</p>	<p>Primary:           Laboratory work Projects Designated tasks Lectures and tutorials Learning from work Practical industry related sessions</p> <p>Secondary/Supplementary:</p>	<p>3 and 4</p>	<p>5</p>	<p>Project work Competence in a range of business-related communication techniques</p>	<p>Level 4 CORN122, CORN238 CORN146 CORN140</p> <p>Level 5 CORN243, CORN242, CORN251, NQS219</p>
<p>An explanation for embedding Practical Skills through Teaching &amp; Learning and Assessment at this level of the programme: Earth Sciences, Environmental Sciences and Environmental Studies (ES3) Foundation Degree</p>					

## PS14. Work Based/ Related Learning

*WBL is an essential element of Foundation Degrees and therefore needs to be detailed here. However, for all types of HE Programmes there should be an element of employability focus through, at least, Work Related Learning, and therefore the following is applicable for all:*

FHEQ FdSc Surf Science and Technology Level: 4 and 5					
WBL/WRL Activity:	Logistics	Prog Aim	Prog Intended LO	Range of Assessments	Related Core Module(s)
<p>Plan, design and execute practical activities using appropriate techniques and procedures</p> <p>Undertake fieldwork with due regard for safety and risk assessment</p>	Throughout the programme	Levels 4, and 5	<p>apply graduate attributes and skills;</p> <p>apply career management skills: apply lifelong learning skills:</p> <p>business and organisational awareness</p> <p>demonstrate an international outlook</p>	<p>Key knowledge and understanding is assessed via a combination of :</p> <p>Essays/projects/dissertations</p> <p>Examinations/tests</p> <p>Coursework/group work on practical application questions</p> <p>Reflective assignments</p>	ALL Core Modules
<p><b>An explanation of this map:</b></p> <p>Work Based Learning is embedded throughout level 4, and 5 of this programme. Many assignments require students to complete observations, reflect on practice and apply theory to practice. These activities make a clear link between academic theoretical learning and that of professional practice.</p>					