CORNWALL COLLEGE UNIVERSITY CENTRE

University of Plymouth

Academic Partnerships

CORNWALL COLLEGE (EDEN PROJECT)

Programme Specification

FdSc Horticulture

Academic Year 2024-2025

BICTON COLLEGE · CORNWALL COLLEGE · DUCHY COLLEGE · FALMOUTH MARINE SCHOOL

UNIVERSITY OF PLYMOUTH

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Please note:

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

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PROGRAMME SPECIFICATION

Programme Title: **FdSc Horticulture**

Internal Programme Code: **Full Time 5300, Part Time 5297**

Partner Delivering Institution: **Eden Project**

State Date: **September 2022**

First Award Date: **July 2024 Full Time, July 2026 Part Time**

Date(s) of Revision(s) to this Document: **13th September 2019 / 10th November 2020 / 22nd November 2021/9 March 22/11 April 2022/March 23**

Contents

PS1. Programme Details

Awarding Institution:	University of Plymouth
Partner Institution and delivery site (s):	The Eden Project
Accrediting Body:	N/A
Language of Study:	English
Mode of Study:	Full Time (2 years) Part Time (4 Years)
Final Award:	FdSc
Intermediate Award:	Certificate of Higher Education (Cert HE)
Programme Title:	Horticulture
UCAS Code:	**D403**
HECOS CODE:	100529
Benchmarks:	Agriculture, Horticulture, Forestry, Food and Consumer Sciences (2009)
Date of Programme Approval:	2 May 2014

PS2. Brief Description of the Programme

FdSc Horticulture programme has been specifically designed to meet clearly identified skills gaps required to support and develop the UK horticultural industry across all related sectors. Both the programme of study and student experience are greatly enhanced through the collaboration between Cornwall College, Duchy College and the Eden Project. The mixture of resources including Eden's plant collections, growing environments, nursery and dedicated teaching facilities coupled with the nationally renowned micro-propagation research facility of Duchy College Rosewarne, provide a world class platform from which this exciting and stimulating programme will be delivered.

Learners embarking on this programme will become integrated within the Eden Project and, in addition to attending the carefully designed taught modules, will have the opportunity to apply and develop a wide range of practical skills by participating in activities in the tropical and Mediterranean biomes, the outdoor garden and nursery crop production facility. The programme of study also requires students to undertake project work in the Eden quarantine centre and the micro-propagation laboratory. As well as benefiting from working alongside Eden's skilled and specialist horticulturalists learners also undertake a work placement within another commercial enterprise.

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 here:

https://www.plymouth.ac.uk/student-life/your-studies/essential-information/regulations

None

PS5. Programme Aims

This programme will deliver:

1. To enable students to develop an understanding and thorough knowledge of the broad principles underpinning horticultural practise.
2. To develop students into horticultural practitioners who will be employable, flexible, innovative and creative. They will have an applied understanding of the management of plants, propagation, design, and appropriate use of amenity and technology resources.
3. To broaden the outlook of graduates so they understand the importance of sustainable environmental management within an applied horticultural context; whilst considering this management within a broader context, and are aware of the many and varied exciting opportunities that exist within the horticultural sector.
4. To develop graduates capable of critical thinking; analysis and able undertake original research; demonstrating an ability to understand the complex issues that face horticulture and so be flexible and innovative horticultural practitioners.
5. Provide graduates an opportunity to gain "real life" practical skills and apply them in a range of professional contexts.

PS6. Programme Intended Learning Outcomes (ILO)

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

1. Be able to demonstrate fundamental knowledge and critical understanding of the well-established principles of horticulture, including a detailed understanding of some advanced aspect(s) of plant science that underpin modern practice.
2. Have a complete perspective of the horticulture industries as a complex system having economic, social, political and technological contents which are mutually interactive.
3. Demonstrate industry standard competencies that will equip them for a wide range of careers in horticulture and the related land-based industries.
4. Have a holistic understanding of the role of horticulture in contemporary challenges within environmental, social, ethical and political contexts.

5. Have competences in independent learning and critical thinking, showing a passion and stimulated interest in their chosen area of study, thus providing the foundation for life-long learning.

6. Have a competence in research skills and critical analysis, enabling the completion of an individual project within a chosen area of specialist study.
7. Have a range of transferable skills including communication (written, oral, visual), team building, observation skills, planning, judgement and problem solving.

PS7. Distinctive Features

This programme is distinctive from other horticulture courses as it capitalises on the partnership between Cornwall College and Eden Project and benefits from being based at the internationally renowned Eden Project site. Not only do students have access to a dedicated teaching team they also have opportunities to engage with the Eden team and visitors. The course includes elements of practical work placement and provides opportunity to reflect on and develop practical skills. Students will utilise Duchy College Rosewarne's micropropagation unit which is licenced by the Food and Environment Research Agency to undertake propagation from plants potentially infected with *Phytophthora ramorum*/*kernoviae*. The unit is involved in conserving threatened plants in Scotland and Northern Ireland in addition to working with the National Trust throughout the country.

PS8. Student Numbers

Minimum student numbers per stage = 10

Target student numbers per stage = 12

Maximum student numbers per stage = 16

PS9. Progression Route(s)

As an FdSc Horticulture graduate you will have a wide choice of career opportunities throughout the private and public sectors, both in the United Kingdom and abroad. Plymouth University enjoys a good record for the employability for its graduates. Graduates have a range of opportunities within industrial and commercial organisations where a broad-based and work-related education is desirable. Skills gained through the programme are widely recognised as having currency across different employment sectors. Graduates of the programme will have acquired key competencies and skills, technical knowledge which they can be applied within their daily work in the horticultural industry.

Students completing the FdSc Horticulture are eligible to apply to complete a level 6 year of study to complete BSc (Hons) Horticulture within the same organisation or to apply to an alternative provider of a similar programme of study.

PS10. Admissions Criteria

Entry Criteria (Qualifications)	Details
Functional Skills GCSE (or equivalent)	L2 Literacy and L2 Numeracy Minimum of Grade C/grade 4 in Maths, English Language and Science (if science-based programme)
AS/A Levels	HNC/HND/Fd - 48 UCAS tariff points to include at least 32 points from A2 level in appropriate subjects
BTEC National Diploma/Extended Diploma BTEC L3 Diploma BTEC 90 Credit Diploma/Subsidiary Diploma	HNC/HND/Fd – 48 UCAS tariff points – PPP grades in an appropriate subject HNC/HND/Fd – 48 UCAS tariff points – HNC/HND/Fd – 48 UCAS tariff points – in an appropriate subject and considered only with combination of other relevant level 3 qualifications
City & Guilds (land based) L3 Diploma City & Guilds (land based) Extended Diploma City & Guilds (land based) Advanced Technical Extended Diploma City & Guilds (land based) Subsidiary Diploma City & Guilds (land based) 90 Credit Diploma	*L3 Diploma - HNC/HND/Fd – 48 UCAS tariff points – M grades in an appropriate subject *Usually accepted in combination with other relevant L3 qualifications HNC/HND/Fd – 48 UCAS tariff points - P grades in an appropriate subject HNC/HND/Fd – 48 UCAS tariff points – PPP grades in an appropriate subject HNC/HND/Fd – 48 UCAS tariff points – D grades in an appropriate subject HNC/HND/Fd – 48 UCAS tariff points – M grades in an appropriate subject
Access to HE Diploma	Successful completion of Access to HE Diploma with at least 45 credits at level 3 in an appropriate subject
International Baccalaureate	24 points
Irish/Scottish Highers	HNC/HND/Fd - 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

Subject External Examiner(s):

An Interim visit by an 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 Examiner to receive the students work and confer progression or award.

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

The following structure diagram(s) provides the current structure for this programme:

FHEQ level: FdSc Horticulture Levels 4 & 5 For: Full Time (5300)				
F/T Route Year	**When in Year? (i.e. Autumn, Spring etc.)**	**Core or Option Module**	**Credits**	**Module**
Year 1				
1	All Year	Core	20	CORC1281 Academic and Professional Skills in Sustainable Horticultural Development
1	All Year	Core	20	CORC1274 Introduction to Botany
1	All Year	Core	20	CORR159 Plant Use in the Landscape
1	Autumn	Core	10	CORR165 Introduction to Soil Science & Plant Nutrition
1	Spring	Core	10	CORR166 Research Skills
1	All Year	Core	20	CORR167 Horticulture in Practice I
Students must choose 1 of the following optional modules				
1	All Year	Option	20	CORC1275 Classification and Taxonomy
1	All Year	Option	20	CORR163 Garden and Landscape I: Foundation Space, Place & User
Year 2				
2	All Year	Core	20	CORC2258 Plant Growth and Development
2	All Year	Core	20	CORC2259 Plant Ecology
2	All Year	Core	20	CORR2033 Horticulture in Practice II
2	All Year	Core	20	CORR2032 Research Project
Students must choose 2 of the following optional modules				
2	All Year	Option	20	CORC2260 Plant Pathology
2	All Year	Option	20	CORR2029 Ethnobotany
2	All Year	Option	20	CORR2030 Garden and Landscape Design II: Planning & People
2	All Year	Option	20	CORR2031 Garden Landscape Histories; Theories and Contexts

FHEQ level: FdSc Horticulture Levels 4 & 5 For: Part Time (5297)				
P/T Route Year	**When in Year? (i.e. Autumn, Spring etc.)**	**Core or Option Module**	**Credits**	**Module**
Year 1 – Stage 1				
1	All Year	Core	20	CORC1281 Academic and Professional Skills in Sustainable Horticultural Development
1	Spring	Core	10	CORR166 Research Skills
1	All Year	Core	20	CORC1274 Introduction to Botany
1	Autumn	Core	10	CORR165 Introduction to Soil Science & Plant Nutrition
Year 2 – Stage 1				
2	All Year	Core	20	CORR159 Plant Use in the Landscape
2	All Year	Core	20	CORR167 Horticulture in Practice I
Students must choose 1 of the following optional modules:				
2	All Year	Option	20	CORR163 Garden and Landscape I: Foundation Space, Place & User
2	All Year	Option	20	CORC1275 Classification and Taxonomy
Year 3 – Stage 2				
3	All Year	Core	20	CORC2258 Plant Growth and Development
3	All Year	Core	20	CORC2259 Plant Ecology
Students must choose 1 of the following optional modules:				
3	All Year	Option	20	CORR2030 Garden and Landscape Design II: Planning & People
3	All Year	Option	20	CORC2260 Plant Pathology
Year 4 – Stage 2				
4	All Year	Core	20	CORR2032 Research Project
4	All Year	Core	20	CORR2033 Horticulture in Practice II
Students must choose 1 of the following optional modules:				
4	All Year	Optional	20	CORR2029 Ethnobotany
4	All Year	Optional	20	CORR2031 Garden Landscape Histories; Theories and Contexts

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: **4 FdSc Horticulture**					
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**
Knowledge / Understanding: Agriculture, horticulture, forestry and consumer sciences 2009 By the end of this level of this programme the students will be able to demonstrate for a threshold pass: • An understanding of the scientific principles of horticulture. • Apply a limited range of specific scientific and technological processes • Identify appropriate knowledge bases and some theoretical perspectives relating to horticulture • Qualitative and quantitative approaches to information. • An understanding of issues of sustainability and environmental impact. • Develop an awareness of the risks of exploitation	**Primary:** • Lectures, Seminars and tutorials • Directed independent study and research **Secondary/Supplementary:** • Case studies • Problem-solving exercises • Report writing • Plymouth Intranet/internet resources • Plymouth student portal • CC Intranet/internet resources	1,2	1,2,6	• Tests • Examinations • Essays • Individual and group presentations Seminar performances	CORC1281 CORR166 CORC1274 CORR165 CORR159 CORR167

and sustainable solution to horticultural issues. • Apply the knowledge learnt to a range of routine real-life situations. • Describe some features of the legal and ethical framework application to horticultural production systems.					
An explanation for embedding Knowledge and Understanding through Teaching & Learning and Assessment at this level of the programme: A range of approaches to learning and teaching (pedagogy) are in use within this programme. The programme alongside the academic expectations of foundation degree also has an emphasis on developing practical skills; therefore, it involves scheduled sessions to allow students to learn via demonstration and supervised practice. Employability skills are embedded throughout the programme from specific work placements, the development of practical skills in taught sessions and the development of industry standard design skills and technical competencies. At Level 4 normally a standard of 60 hours of contact is undertaken per module, assessment is normally a mix of formally scheduled examination (30%) and coursework (70%) including standard assignments, lab reports; design projects; portfolios designed to assess a range of skills and competencies.					
Cognitive and Intellectual Skills: Agriculture, horticulture, forestry and consumer sciences 2009 By the end of this level of this programme the students will be able to demonstrate for a threshold pass: • The application of subject knowledge and understanding in order to address familiar and unfamiliar problems. • Demonstrate some understanding of subject specific theories, paradigms, concepts and principles. • Collate summarise and analyse information from various sources. • Source academic literature and extract relevant points. • Recognise the existence of moral and ethical issues associated with horticulture	**Primary:** • Class exercises • Intranet/internet exercises • Tutorial/seminar discussions • Feedback via coursework assessment process (essays etc.) **Secondary/Supplementary:** Class and seminar interactions and feedback	1,4	1,2,5,6	• Essays/projects/ dissertations • Examinations /tests • Coursework/ group work on practical application questions • Assessed presentations	CORC1281 CORR166 CORC1274 CORR165 CORR159 CORR167
An explanation for embedding Cognitive and Intellectual Skills through Teaching & Learning and Assessment at this level of the programme: A range of approaches to learning and teaching (pedagogy) are in use within this programme. The programme alongside the academic expectations of a foundation degree also has an emphasis on developing practical skills; therefore, it involves scheduled sessions to allow students to learn via demonstration and supervised practice. Employability skills are embedded throughout the programme from specific work placements, the development of practical skills in taught sessions and the development of					

industry standard design skills and technical competencies. At Level 4 normally a standard of 60 hours of contact is undertaken per module, assessment is normally a mix of formally scheduled examination (30%) and coursework (70%) including standard assignments, lab reports; design projects; portfolios designed to assess a range of skills and competencies.					
Key Transferable Skills: Agriculture, horticulture, forestry and consumer sciences 2009 By the end of this level of this programme the students will be able to demonstrate for a threshold pass: • Literary and information processing • Self-management • Communicate to a variety of audiences (oral, written, CIT) • Select an appropriate sampling procedure; process and interpret data. • Recognise and respect the views of others. • Handle computer-based information with guidance, using appropriate	**Primary:** • Library and other research exercises • Group work awareness and practice • Computer-based learning & assessment **Secondary/Supplementary:** Class and seminar interactions and feedback	1,2	1,2,3,6	• Coursework of all types • Examination preparation and completion • Group presentations	CORC1281 CORR166 CORC1274 CORR165 CORR159 CORR167
An explanation for embedding Key Transferable Skills through Teaching & Learning and Assessment at this level of the programme: A range of approaches to learning and teaching (pedagogy) are in use within this programme. The programme alongside the academic expectations of a foundation degree also has an emphasis on developing practical skills; therefore, it involves scheduled sessions to allow students to learn via demonstration and supervised practice. Employability skills are embedded throughout the programme from specific work placements, the development of practical skills in taught sessions and the development of industry standard design skills and technical competencies. At Level 4 normally a standard of 60 hours of contact is undertaken per module, assessment is normally a mix of formally scheduled examination (30%) and coursework (70%) including standard assignments, lab reports; design projects; portfolios designed to assess a range of skills and competencies.					
Employment Related Skills: Agriculture, horticulture, forestry and consumer sciences 2009 By the end of this level of this programme the students will be able to demonstrate for a threshold pass: • Identify and work towards targets for personal, career and academic development • Develop the skills necessary for self-managed and lifelong learning (that is, independent	**Primary:** • Group work awareness and practice • Practical sessions • Reflection sessions **Secondary/Supplementary:** Employer and placement	1,2	1,2,3,6	Consultancy reports and or exhibitions • Portfolio of Evidence • Reflective Log Various normally presentations and seminar	CORC1281 CORR166 CORC1274 CORR165 CORR159 CORR167

study, time management, organisational skills) • Recognise personal strengths and weaknesses	manager feedback			debates	
An explanation for embedding Employment Related Skills through Teaching & Learning and Assessment at this level of the programme: A range of approaches to learning and teaching (pedagogy) are in use within this programme. The programme alongside the academic expectations of a foundation degree also has an emphasis on developing practical skills; therefore, it involves scheduled sessions to allow students to learn via demonstration and supervised practice. Employability skills are embedded throughout the programme from specific work placements, the development of practical skills in taught sessions and the development of industry standard design skills and technical competencies. At Level 4 normally a standard of 60 hours of contact is undertaken per module, assessment is normally a mix of formally scheduled examination (30%) and coursework (70%) including standard assignments, lab reports; design projects; portfolios designed to assess a range of skills and competencies.					
Practical Skills: Agriculture, horticulture, forestry and consumer sciences 2009 **By the end of this level of this programme the students will be able to demonstrate for a threshold pass:** • Planning, conducting, and reporting investigations, including the use of secondary data. • Collecting and recording information or data in the library, laboratory, or field and summarising it using appropriate methods. • Interpret practical results with guidance and presents results of investigation in a number of formats.	**Primary**: • Projects • Designated tasks Lectures, tutorials and seminars **Secondary/Supplementary:** None.	1,2	1,2,3,6	• Project work • Competence in a range of appropriate communication techniques	CORC1281 CORR166 CORC1274 CORR165 CORR159 CORR167
An explanation for embedding Practical Skills through Teaching & Learning and Assessment at this level of the programme: A range of approaches to learning and teaching (pedagogy) are in use within this programme. The programme alongside the academic expectations of a foundation degree also has an emphasis on developing practical skills; therefore, it involves scheduled sessions to allow students to learn via demonstration and supervised practice. Employability skills are embedded throughout the programme from specific work placements, the development of practical skills in taught sessions and the development of industry standard design skills and technical competencies. At Level 4 normally a standard of 60 hours of contact is undertaken per module, assessment is normally a mix of formally scheduled examination (30%) and coursework (70%) including standard assignments, lab reports; design projects; portfolios designed to assess a range of skills and competencies.					

FHEQ level: 5 FdSc Horticulture					
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**
Knowledge / Understanding: Agriculture, horticulture, forestry and consumer sciences 2009 By the end of this level of this programme the students will be able to demonstrate for a threshold pass: • The underlying principles of horticulture. • Knowledge and development of the subject area. • Qualitative and quantitative approaches to information. • Develop an understanding of issues of sustainability and environmental impact. • The location of resources, the management, exploitation and the utilisation of resources within an ethical framework. • Develop an awareness of the risks of exploitation and sustainable solution to horticultural issues. • Integrate into practice the principle developments of theory, experiment, investigation and fieldwork. • Develop an understanding of information and data, and their setting within a theoretical framework, accompanied by critical analysis and assessment to enable an enhanced understanding of the subject area.	**Primary:** • Lectures, Seminars and tutorials • Directed independent study and research **Secondary/Supplementary:** • Case studies • Problem-solving exercises • Report writing • Plymouth Intranet/internet resources • Plymouth student portal • CC Intranet/internet resources	1,2,3	1,2,4,5,6	• Tests • Examinations • Essays • Individual and group presentations • Seminar performances	CORC2258 CORC2259 CORR2032 CORR2033 CORR2029 CORR2031
An explanation for embedding Knowledge and Understanding through Teaching & Learning and Assessment at this level of the programme: A range of approaches to learning and teaching (pedagogy) are in use within this programme. The programme alongside the academic expectations of a foundation degree also has an emphasis on developing practical skills; therefore, it involves scheduled sessions to allow students to learn via demonstration and supervised practice.					

Employability skills are embedded throughout the programme from specific work placements, the development of practical skills in taught sessions and the development of industry standard design skills and technical competencies. At Level 4 normally a standard of 60 hours of contact is undertaken per module, assessment is normally a mix of formally scheduled examination (30%) and coursework (70%) including standard assignments, lab reports; design projects; portfolios designed to assess a range of skills and competencies.

Cognitive and Intellectual Skills: Agriculture, horticulture, forestry and consumer sciences 2009 By the end of this level of this programme the students will be able to demonstrate for a threshold pass: • The application of subject knowledge and understanding in order to address familiar and unfamiliar problems. • Recognise and be able to comment on the moral and ethical issues associated with in horticulture • Understand and be able to apply professional codes of conduct. • Using published research and/or reports be able to analyse, synthesis and summarise the information in order to develop a critical grounding. • Analyse, synthesis, summarise and evaluate information. • Demonstrate understanding of subject-specific theories, paradigms, concepts and principles, as well as some understanding of more specialist areas.	**Primary:** • Class exercises • Intranet/internet exercises • Tutorial/seminar discussions • Feedback via coursework assessment process (essays etc.) **Secondary/Supplementary:** Class and seminar interactions and feedback	1,2,3,4	1,2,4,5,6	• Essays/projects/ dissertations • Examinations /tests • Coursework/ group work on practical application questions • Assessed presentations	CORC2258 CORC2259 CORR2032 CORR2033 CORR2029 CORR2031

An explanation for embedding Cognitive and Intellectual Skills through Teaching & Learning and Assessment at this level of the programme:

A range of approaches to learning and teaching (pedagogy) are in use within this programme. The programme alongside the academic expectations of a foundation degree also has an emphasis on developing practical skills; therefore, it involves scheduled sessions to allow students to learn via demonstration and supervised practice.

Employability skills are embedded throughout the programme from specific work placements, the development of practical skills in taught sessions and the development of industry standard design skills and technical competencies. At Level 4 normally a standard of 60 hours of contact is undertaken per module, assessment is normally a mix of formally scheduled examination (30%) and coursework (70%) including standard assignments, lab reports; design projects; portfolios designed to assess a range of skills and competencies.

Key Transferable Skills: Agriculture, horticulture, forestry and consumer sciences 2009 By the end of this level of this programme the students will be able to demonstrate for a threshold pass: • Relate investigations to prior work and reference it appropriate; recognise when information is incomplete. • Develop the skills necessary for self-managed and lifelong learning • Communicate effectively to audiences in written, graphical and verbal forms. • Listen attentively and respond to others. • Define a suitable and effective sampling procedure. • Process and interpret data effectively. • Contribute effectively to teamwork • Hand computer-based information using appropriate techniques and software.	**Primary:** • Library and other research exercises • Group work awareness and practice • Computer-based learning & assessment **Secondary/Supplementary:** Class and seminar interactions and feedback	1,2,3,4	1,2,3,4,5,6	• Coursework of all types • Examination preparation and completion • Group presentations	CORC2258 CORC2259 CORR2032 CORR2033 CORR2029 CORR2031
An explanation for embedding Key Transferable Skills through Teaching & Learning and Assessment at this level of the programme: A range of approaches to learning and teaching (pedagogy) are in use within this programme. The programme alongside the academic expectations of a foundation degree also has an emphasis on developing practical skills; therefore, it involves scheduled sessions to allow students to learn via demonstration and supervised practice. Employability skills are embedded throughout the programme from specific work placements, the development of practical skills in taught sessions and the development of industry standard design skills and technical competencies. At Level 4 normally a standard of 60 hours of contact is undertaken per module, assessment is normally a mix of formally scheduled examination (30%) and coursework (70%) including standard assignments, lab reports; design projects; portfolios designed to assess a range of skills and competencies.					
Employment Related Skills: Agriculture, horticulture, forestry and consumer sciences 2009 By the end of this level of this programme the students will be able to demonstrate for a threshold	**Primary:** Group work awareness and	1,2,3,4	1,2,3,4,5,6	Consultancy reports and or exhibitions	CORC2258 CORC2259

pass: • Identify and work towards targets for personal, career and academic development • Develop the skills necessary for self-managed and lifelong learning (that is, independent study, time management, organisational skills) • Demonstrate interpersonal and team work skills • Organise a team effectively and contribute effectively to team work through the identification of individual and collective goals • Recognise and respect the views of others and evaluate the performance as an individual and team member	practice Practical sessions Reflection sessions **Secondary/Supplementary:** Employer and placement manager feedback			Portfolio of Evidence Reflective Log Various normally presentations and seminar debates	CORR2032 CORR2033 CORR2029 CORR2031
An explanation for embedding Employment Related Skills through Teaching & Learning and Assessment at this level of the programme: A range of approaches to learning and teaching (pedagogy) are in use within this programme. The programme alongside the academic expectations of a foundation degree also has an emphasis on developing practical skills; therefore, it involves scheduled sessions to allow students to learn via demonstration and supervised practice. Employability skills are embedded throughout the programme from specific work placements, the development of practical skills in taught sessions and the development of industry standard design skills and technical competencies. At Level 4 normally a standard of 60 hours of contact is undertaken per module, assessment is normally a mix of formally scheduled examination (30%) and coursework (70%) including standard assignments, lab reports; design projects; portfolios designed to assess a range of skills and competencies.					
Practical Skills: Agriculture, horticulture, forestry and consumer sciences 2009 **By the end of this level of this programme the students will be able to demonstrate for a threshold pass:** • Plan conduct and present an independent investigation with some reliance on guidance. • Use appropriate laboratory and field equipment competently and safely • Interpret practical results in a logical manner. • Present research findings effectively and appropriately in a number of formats	**Primary:** • Projects • Designated tasks Lectures, tutorials and seminars **Secondary/Supplementary:** None	1,2,3,4	1,2,3,4,5	• Project work • Competence in a range of appropriate communication techniques	CORC2258 CORC2259 CORR2032 CORR2033 CORR2029 CORR2031

An explanation for embedding Practical Skills through Teaching & Learning and Assessment at this level of the programme:

A range of approaches to learning and teaching (pedagogy) are in use within this programme. The programme alongside the academic expectations of a foundation degree also has an emphasis on developing practical skills; therefore, it involves scheduled sessions to allow students to learn via demonstration and supervised practice. Employability skills are embedded throughout the programme from specific work placements, the development of practical skills in taught sessions and the development of industry standard design skills and technical competencies. At Level 4 normally a standard of 60 hours of contact is undertaken per module, assessment is normally a mix of formally scheduled examination (30%) and coursework (70%) including standard assignments, lab reports; design projects; portfolios designed to assess a range of skills and competencies.

PS14. Work Based/ Related Learning

WBL is an essential element of Foundation Degrees and therefore is detailed here.

Level: 4,5					
WBL/WRL Activity:	**Logistics**	**Prog Aim**	**Prog Intended LO**	**Range of Assessments**	**Related Core Module(s)**
Work Placement Students undertake a period of employment within the work place	Placements are sourced either by the College or directly by the student after agreement with an appropriate assigned member of staff. The students will approximately undertake 80 hours of placement ~ 2 weeks at L4 and another 80 hours at L5	2	3 and 6	Portfolio of Evidence Reflective Log	CORR167 - Horticulture in Practice I CORR2033 Horticulture in Practice II
Network seminars At various points in the programme representatives from industry are invited in to receive appropriate discussion and presentation from students	Industry representatives are invited in as and when appropriate	3	2 and 4	Various normally presentations and seminar debates	CORC2260 Plant Pathology CORC1013 Personal and Employability Skills Development
An exposition to explain this map: A range of approaches to learning and teaching (pedagogy) are in use within this programme. The programme alongside the academic expectations of a foundation degree also has an emphasis on developing practical skills; therefore, it involves scheduled sessions to allow students to learn via demonstration and supervised practice. Employability skills are embedded throughout the programme from specific work placements, the development of practical skills in taught sessions and the development of industry standard design skills and technical competencies.					

PS15. Appendix – Module Details

Module Code	Module Title	Assessment Mode	Short Module Descriptor
CORC1281	Academic and Professional Skills in Sustainable Horticultural Development	100% coursework	The module will introduce and draw upon contemporary academic practice to help students prepare for higher education study. These skills will be contextualised through the introduction and review of the underpinning global sustainability goals and policy that will inform decisions on how society will build a better future for all. Professional and personal development are supported through tutorials and workshops focusing on transferable skills for study and employment.
CORC1274	Introduction to Botany	70% (CW) 30% (online open book assessment)	This module introduces the student to the basic metabolic and synthesis processes of living plant cells and looks at plant cell biology and how this determines the overall structure of the plant.
CORR159	Plant Use in the Landscape	70% (CW) 30% (Test)	This module investigates the wide-ranging use of plants in horticulture and the landscape from food production to ornamentals and introduces concepts of general planning skills.
CORR165	Introduction to Soil Science & Plant Nutrition	100% (CW)	This module introduces the structure and chemistry of soil, its role as a rooting medium and the importance of soils for mineral nutrition in plant growth.
CORR166	Research Skills	100% (CW)	This module is designed to develop the student's knowledge of the underpinning principles of research, experimental design and data analysis.
CORR167	Horticulture in Practice I	70% (CW) 30% (Test)	This module allows the student to gain valuable experience within the horticultural industry. Students will undertake a period of work not less than 80 hours, within a horticultural enterprise. This module develops the students' practical skills and is composed of a series of practical operations linking theoretical knowledge to horticultural practices.
Students must choose 1 of the following optional modules			
CORC1275	Classification and Taxonomy	70% (CW) 30% (online open book assessment)	The module covers the various methods used to classify and name organisms. The evolution of life forms is revealed through taxonomic relationships and students are equipped with the skills to recognise the major types of life. Emphasis is placed on organisms that play a role in horticulture; from symbionts to pests and pathogens

CORR163	Garden and Landscape I: Foundation Space, Place & User	100% (CW)	This module runs in parallel to Design Communication: Tools and Techniques and introduces students to the critical and theoretical processes and visual language of garden & landscape design as a holistic process, encouraging the development and application of parallel critique, conceptual and creative skills. Particular emphasis is placed upon the language and principles of working with space in various locations through exploratory design projects. These encourage the formation of considered judgements about the spatial, aesthetic, technical and social qualities of a design proposal within the scope and scale of a wider environment.
Year 2			
CORC2258	Plant Growth and Development	60% (CW) 40% (online open book assessment)	This module investigates the regulation of the growth and development of plants. The regulation of growth and development by both internal and external environmental factors is discussed. The different mechanisms by which signalling factors are recognised and signals are transduced are contrasted and compared. Physiological adaptations of plants to different environments are investigated.
CORC2259	Plant Ecology	60% (CW) 40% (online open book assessment)	Plants play a key ecological role and form the primary producers of many ecosystems. Plant adaptations, distribution and responses to environmental stresses are investigated. Also considered are the interactions of plants with other organisms with emphasis on interactions with potential pathogens, pests and symbionts. The ecological impact of climate change on plants and their interactions with other organisms is discussed.
CORR2033	Horticulture in Practice II	60% (CW) 40% (Test)	This module investigates a range of appropriate methods of plant propagation. Aspects of the genetics of plant improvement and seed production are discussed. The module contains a work placement during which propagation and production techniques are developed and assessed.
CORR2032	Research Project	100% (CW)	This module allows students to select a topic for examination, to undertake a review of the literature on the subject and a conduction a detailed original investigation.
Students must choose 2 of the following optional modules			
CORC2260	Plant Pathology	60% (CW) 40% (online open book assessment)	This module allows the student to research and familiarise themselves with the wide range of pests and disease-causing pathogens that affect plants. Methods of monitoring and predicting infestations and discussed and control measures are outlined. The genetics and mechanisms of disease resistance is also examined.
CORR2029	Ethnobotany	100% (CW)	This module investigates historical and current plant use with focus on important plant crops and a

			discussion of the sacred role of plants. The interaction of humans with plants through use is assessed in relation to human social, economic and cultural developments both historic and current
CORR2030	Garden and Landscape Design II: Planning & People	100% (CW)	This module examines historical concepts relating to the development and design of gardens and landscapes, and relates these to modern design concepts and theories. The module considers conservation and restoration of gardens and landscapes with the context of personal and regional (local and international) sites of importance.
CORR2031	Garden Landscape Histories; Theories and Contexts	100% (CW)	This module examines historical concepts relating to the development and design of gardens and landscapes, and relates these to modern design concepts and theories. The module considers conservation and restoration of gardens and landscapes with the context of personal and regional (local and international) sites of importance.