College of Environmental Sciences and Engineering – SDG Mapping 2020/21

Phase 1 – Preliminary Mapping

Completed by Dr Olga Golyshina

SNS (School of Natural Sciences) Undergraduate Modules

	BNS-1002/ BNS-1004/ BSX-2019	BSX-1031/ BSC-1031	DNS-1003/ DXC-1000/ DXC-1004/ DXC-1007/ DXX-1000/ DXC-1303/ DXX-1007/ FXX-1005	BSC-1028/ BSX 1028/ DXX-1001/	DXX-1003/ DXX-1004/ DXC-1006/ DXX-1006	DXX-1005	BSX-2018/ BSX-2022/ BSX-2028/ BSX-2030/ BSX-2041/ BSX-2042/ BSX 2043	BSX-2021/ BSX-2031/ BSX-2032/ BSX-2033/ BSX-2035 BSX-2036/ BSX-2037/ BSX-2038 DXX-2000	BNC-2002 BNS-2002	BSX-2017	BSS-2006/ BSS-2007	DXX-2001/ DXX-2002/ DXX-2003/ DXX-2006/ DXX-2007/ DXX-2008/ DXX-2009/ DXX-2010/ DXX-2011/ DXX-2017/ DXX-2021/ FXX-2105	DXX-2004	DXC-2014/ DXC-2018/ DXX-2012/ DXX-2014/ DXX-2015/ DXX-2016	BNS-3004/ BSX-3139/ BSX-3144/ BSX-3145/ BSX-3148/ BSX 3149/ BSX-3153/ BSX-3157/ BSX 3158/ BSX 3164/ BSX 3168	BSX-3142	BNS-3000/ BNS-3001/ BNS-3003/ BSX-3150/ BSX-3152	BSX-3154/ BSX-3159/ FXX-3503/ FXX-3506	BSX-3161/ DXX-3016/ DXC-3013/ DXC-3506/ DXX-3017/ DXX-3115/ DXX-3018/ DXX-3701/ DXX-3709/ BSC-3070/ BSC-3071/ BSS-3006/ BSX-3070/ BSX-3071/ DXX-3402/ DXC-3003/ DXX-3003/ DXC-3601/ DXC-3701/ DXC-3702/ DXX-3004/ DXX-3009/ DXX-3013/ DXX-3014/	BSX-3164 / BSX-3168	FXX-3116 / FXX-3201	FXX-3505/ FXX-3507/ FXX-3508/ FXX-3509/ FXX-3510	SNS-0001/ SNS-0002/ SNS-0003/FXX-0010	DXC-3600	DXX-1002/	BSX 3072	BSX 1030

																			DXX-3212/ DXX-3301/ DXX-3304/ DXX-3305/ DXX-3506/ DXX-3507/ DXX-3508/ DXX-3510/ DXX-3511/ DXX-3600/ DXX-3601/ DXX-3615/ DXX-3701/ DXX-3702/ DXX-3707/ DXX-3715/ DXX-3730/ DXX-3800/ DXX-3801/ DXX-3802								
1			x		x			x	x		x	x	x	x	x	x	x	x	x	x	x	x	x				
2	x		x		x		x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x				
3	x		x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x				x
4		x	x	x	x	x	x	x	x		x	x	x	x	x	x	x		x	x	x	x	x				x
5			x	x	x	x	x	x	x		x	x	x	x	x	x	x		x	x	x	x	x				x
6			x		x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x				

7			x		x			x	x		x	x	x	x		x	x		x		x	x	x				
8		x	x		x		x	x	x		x	x	x	x	x	x	x		x		x	x	x	x		x	x
9			x	x	x		x	x	x		x	x	x	x	x	x	x		x	x	x	x	x	x			
10			x		x		x	x	x		x	x	x	x	x	x	x		x	x	x	x	x				x
11			x		x		x	x	x		x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	
12			x		x		x	x	x		x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x
13	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x		x	x	x		x		x	x	
14	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x		x
15	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x		
16			x	x	x		x	x	x		x	x	x	x	x	x	x		x	x	x	x	x				
17			x		x		x	x	x		x	x	x	x	x	x	x		x	x	x	x	x		x	x	

SNS Undergraduate Modules

BNS-1002 Organismal Diversity	BNS-3000 Wildlife Ecology & Conservation
BNS-1004 Principles of Life 1	BNS-3001 Freshwater Ecosystems
BSC-1028 Tiwtorialau Blwyddyn	BNS-3003 Freshwater Ecosystems 2
BSC-1031 Practical Skills	BNS-3004 Advances in Behaivour
BSX-1028 Tutorials Year 1	BSC-3070 Traethawd Hir
BSX-1030 Practical Skills 1	BSC-3071 Sgiliau Gwyddoniaeth a Gwaith
BSX-1031 Practical Skills 2	BSS-3006 International Experience
DNS-1003 Ecology & Evolution	BSX-3070 Dissertation in Biological Sciences
DXC-1000 Tiwt Acad & Sgiliau Allweddol	BSX-3071 Science & Employability Skills
DXC-1004 Cyflwyno Daearyddiaethau Dynol	BSX-3139 Molecular Ecology & Evolution
DXC-1007 Tiwt Acad.&Sgiliau Allweddol	BSX-3142 Environmental Microbiology and Biotechnology
DXC-1006 Gwaith Maes: Creu Eryri	BSX-3144 Animal Surviving Strategies
DXC-1303 Methodoleg Maes	BSX-3145 Fish Physiology
DXX-1000 Academic Tutorials & Key Skills	BSX-3148 Developmental Biology

DXX-1001 Ecosystem Function & Services	BSX-3149 Animal Ethics and Welfare
DXX-1002 Environmental Management & Conservation	BSX-3150 Life in Changing Climate
DXX-1003 Forestry in 21 Century	BSX-3152 Life in Wetlands
DXX-1004 Introducing Human Geographies	BSX-3153 Primatology
DXX-1005 Earth Systems and Processes	BSX-3154 Attack and Defence in Plants
DXX-1006 Intro Fieldwork: Snowdonia	BSX-3157 Ornithology
DXX-1007 Academic Tutorials&Key Skills	BSX-3158 Advances in Herpetology
FXX-1005 Chemistry in Biology and Environment	BSX-3159 Parasites and Pathogens
	BSX-3164 Animal Management
BNC-2002 Esblygiad a Geneteg	BSX-3168 Adv in Animal Management
BNS-2002 Ecology and Genetics	BSX-3072 Science Communication skills
BSS-2006 International Experience	DXX-3004 Settlement Systems
BSS-2007 International Experience	DXX-3009 Professional Placement
BSX-2017 Invertebrates	DXX-3013 Current Issues in Human Geography
BSX-2018 Behavioural Ecology	DXX-3014 Current Issues in Human Geography
BSX-2019 Principles of Life 2	DXX-3016 Forest Ecosystems and Services
BSX-2021 BioScience Skills	DXX-3017 Governing Society & Environment
BSX-2022 Vertebrate Biology	DXX-3018 Rivers, Coast & Oceans
BSX-2028 Introduction to Herpetology	DXX-3020 Environmental Geochemistry
BSX-2030 Integrated Zoology	DXX-3115 Advanced GIS & Remote Sensing
BSX-2031 Arizona Field Course	DXX-3212 Forest Ecosystems
BSX-2032 India Field Course	DXX-3301 Forest Ecology
BSX-2033 Primatology Field Course	DXX-3304 Tropical Conservation field corse
BSX-2035 Local Field Course	DXX-3305 Field course: Tenerife
BSX-2036 Florida 2 Field Course	DXX-3402 Waste Management & Utilisation
BSX-2037 Spain Field Course	DXX-3506 Current Issues in Environmental & Related Sciences
BSX-2038 Siberia Field Course	DXX-3507 Renewable Energy
BSX-2041 Introduction to Ornithology	DXX-3508 Environmental Issues
BSX-2042 Introduction to Primatology	DXX-3510 Advances in Conservation, Sem 1
BSX-2043 Animal Management	DXX-3511 Advances in Conservation, Sem 2

DXC-2014 Daearyddiaeth Awyr Agored	DXC-3702 Cynllun Rheoli
DXC-2018 Geomorffoleg Afonol	DXC-3600 Food Geographies
DXX-2000 Geographical Information Systems & Research Methods	DXC-3601 Food & Drink Geographies & Inn
DXX-2001 Sustainable Development	DXX- 3600 Food Geographies
DXX-2002 Water, Air & Soil Pollution	DXX-3601 Food Geography: Entrep & Innovations
DXX-2003 Principles of Conservation	DXX-3615 Environmental Policy
DXX-2004 Silviculture & Inventory	DXX-3701 Honours Project
DXX-2006 Climate Change: Science and Impact	DXX-3702 Management plan
DXX-2007 People, Space & Identity	DXX-3707 Catchment Modelling & Analysis
DXX-2008 Geohazards	DXX-3709 Using Geographical Data
DXX-2009 Conservation Practice	DXX-3715 International Experience
DXX-2010 Forest and Woodland Management	DXX-3730 International Experience
DXX-2011 Catchment Processes	DXX-3800 Living w our Changing Climate
DXX-2012 Field Course: ACE	DXX-3801 Human Aspects of Conservation
DXX-2014 Geography Outdoors	DXX-3802 Land Use Change & Conservation
DXX-2015 Geography Fieldwork and Research Skills	FXX-3116 Project-Quadruple Module
DXX-2016 Field Course: Forestry	FXX-3201 Separation Science
DXX-2017 Forest Health	FXX-3503 Research Skills
DXX-2021 Plant Diversity & Conservation	FXX-3505 Organomet. Chem & Catalysis
FXX-2105 Industrial and Analytical Methods non-Chemists	FXX-3506 General Skills
	FXX-3507 Advanced Physical Chemistry
BSX-3161 Human Evolutionary Biology	FXX-3508 Core Physical Chem Concepts
BSX-3167 Insect Behaviour & Evolution	FXX-3509 Advanced Organ and Inorgan Chemistry
BSX-3168 Advances in Animal Management	FXX-3510 Core Organic Chemical Concepts
DXC-3003 Gwaith Maes: Barcelona	
DXC-3013 Daearyddiaeth Ddynol Gyfoes	SNS-0001 Foundation Year Project
DXC-3506 Materion Cyfoes yr Amgylchedd	SNS-0002 Foundation Year Chemistry
DXC-3701 Project Anrhydedd	SNS-0003 Essential Biology
DXX-3003 Field Corse: Barcelona	FXX-0010 Essential Chemistry

SNS Postgraduate Modules

	BSM 4101/ BSM 4103/ BSM-4105	BSM 4104/ BSM 4121/ BSM 4124	BSM 4126	DDL-4003/ DDL-4004	DDL-4012/ DDL-4201/ DDL-4202/ DDL-4204/ DDL-4205/ DDL-4206/ DDL-4207 DDL-4545	BSM-4000/ BSM-4110/ BSM-4125	DXX-4013/ DXX-4016/ DXX -4042 DXX -4100/ DXX -4101/ DXX-4102/ DXX -4103/ DXX -4104	DXX-4501/ DXX-4505/ DXX-4509/ DXX-4510/ DXX-4513/ DXX-4514/ DXX-4515/ DXX-4524/ DXX-4525 DXX-4527/ DXX-4535/ DXX-4599/ DXC-4999	DXX-4517/ DXX-4518/ DXX-4519/ DXX-4530/ DXX-4531/ DXX-4532/ DXX-4533/ DXX-4534/ DXX-4536/ DXX-4538/ DXX-9000/ DXX-9006/ DXX-9007/ DXX-9008/ DXX-9015/ DXX-9030	FXX-4113/ FXX-4501/ FXX-4502/ FXX-4503/ FXX-4505/ FXX-4507/ FXX-4599/ FXX-9000/ FXX-9666/ FXX-9777/ FXX-9778/ FXX-9802
1	x	x	x	x	x	x	x	x	x	x
2	x	x	x	x	x	x	x	x	x	x
3	x	x	x	x	x	x	x	x	x	x
4	x	x	x	x	x	x	x	x	x	x
5	x	x	x	x	x	x	x	x	x	x
6	x	x	x	x	x	x	x	x	x	x
7	x			x	x	x	x	x	x	x
8	x	x	x	x	x	x	x	x	x	x
9	x	x	x	x	x	x	x	x	x	x
10	x	x	x	x	x	x	x	x	x	x
11	x	x	x	x	x	x	x	x	x	x
12	x	x	x	x	x	x	x	x	x	x
13	x	x	x	x	x	x	x	x	x	x
14	x	x	x	x	x	x	x	x	x	x
15	x	x	x	x	x	x	x	x	x	x
16	x	x	x	x	x	x	x	x	x	x
17	x	x	x	x	x	x	x	x	x	x

SNS Postgraduate Modules

BSM 4000 Master Research Project	DXX-4515 Contemporary Forestry
BSM-4101 Marine Biotechnology	DXX-4517 Forest Ecology and Resources
BSM-4103 Plant Biotechnology	DXX-4518 Business Planning for Green Economy
BSM 4104 Techniques of Molecular Biology & Biotechnology	DXX-4519 Location Specific Knowledge
BSM-4105 Environmental & Industrial Biotechnology	DXX-4524 Strategic Environmental Management
BSM 4110 Research Project	DXX-4525 Green Technologies
BSM-4121 Bioinformatical Analysis Tool	DXX-4527 Research Planning& Communication
BSM-4124 Recombinant Protein Expression	DXX-4530 Forest Management Planning
BSM 4125 Project Preparation	DXX-4531 Botanical Ecology & Ecosystem
BSM-4126 Environmental Genomics	DXX-4532 Forestry Filed Corse
	DXX-4533 Conservation Field Course
DDL-4003 Forest History, Policy & Mgt	DXX-4534 Conservation Research Methods
DDl-4004 Agroforestry Systems & Prac.	DXX-4535 Research Methods & Communication
DDL-4012 Carbon Footprinting & LCA	DXX-4536 Urban Forestry
DDL-4201 Social Issues in Forest Mgt.	DXX-4538 Ireland Study Tour
DDL-4202 Silviculture	DXX-4599 MSc Dissertation
DDL-4204 Forest Ecosystems	
DDL-4205 Inv., Assessment & Monitoring	FXX-4113 Advanced Chemical Techniques
DDL-4206 Sustainable Use of NTFPs	FXX-4501 Adv Topics in Organic Chemistry
DDL-4207 Global Food security	FXX-4502 Adv Topics in Physical Chemistry
DDL-4545 Tropical Forestry Study Tour	FXX-4503 Adv Topics in Inorganic Chemistry
DDL-4999 MSc Dissertation	FXX-4505 Web based Literature Review
DDX-4016 Conservation science	FXX-4507 Practical Project (MChem)
DXC-4999 Traethawd Hir	FXX-4999 Laboratory Health & Safety
DXX-4013 Management planning	
DXX-4042 Agriculture& the environment	DXX-9000 Professional Placement
DXX-4100 Professional Placement	DXX-9006 International Experience
DXX-4101 M.Env.Science Dissertation	DXX-9007 Professional Placement

DXX-4102 Professional Placement DXX-4103 MGeog Dissertation DXX-4104 Geog Thought DXX-4501 Erasmus Mundus Summer Module DXX-4505 Natural Resource Management DXX-4509 Sutrofor (ECTS) DXX-4510 Sufonama (ESTS) DXX-4513 Sutrofor (ECTS) DXX-4514 Sutrofor (ECTS)	DXX-9008 International Experience DXX-9015 International Experience DXX-9030 International Experience FXX-9000 Industrial Placement one year FXX-9666 Intl Exp module summer L4 FXX-9777 Intl Exp module summer L6 FXX-9778 Intl Exp module one year L6 FXX-9802 Erasmus placement semester 2

SOS (School of Ocean Sciences) Undergraduate Modules

	OSC 1000/OSX 1000/OSX 2002/ OSX 2022	OSX 3006/ OSX 3010	OSX 2002/ OSX 2003/ OSX 3014/ OSX 3023	OSX 1001/ OSX 1005/ OSX 1006/ OSX 2007/ OSX 2009/ OSX 2011	OSX 2005	OSX 3011	OSX 2004/ OSX 2006	OSX 3002/ OSX 3005/ OSX 3007/ OSX 3008/ OSX 3013/ OSX 3015	OSX 3016/ OSX 3017/ OSX 3018/ OSX 3019/ OSX 3021/ OSX 3025	OSF 0101/ OSF 0102/ OSF 0103/ OSF 0104	OSX 1003	OSX 3020	OCX 3001	OCX 1002	OCX 1007	ONS 1001
1		x	x	x	x			x	x	x			x			
2		x	x	x	x			x	x	x				x		
3	x	x	x	x	x	x	x	x	x	x			x	x		x
4	x	x	x	x	x	x	x	x	x	x		x	x	x	x	
5	x	x	x	x	x		x	x	x	x			x		x	x
6		x	x	x	x		x	x	x	x			x		x	
7				x	x	x		x	x	x		x			x	x
8		x	x	x	x		x	x	x	x			x			
9	x		x	x	x		x	x	x	x			x		x	
10			x	x	x		x	x	x	x				x		
11		x	x	x	x	x	x	x	x	x		x	x			x
12		x	x	x	x		x	x	x	x			x			
13	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
14	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
15	x	x	x	x	x		x	x	x	x	x		x	x		x
16	x	x	x	x	x		x	x	x	x						
17	x	x	x	x	x		x	x	x	x			x		x	

SOS Undergraduate Modules

OSC-1000 Tiwtorial Sgiliau Gwyddoniaeth OSX-1000 Science Skills Tutorial ONC-1001 Dadansoddi Data Amgylcheddol ONS-1001 Environmental data & analysis OSX-1002 Marine Biology Practical 1 OSX-1003 Earth, Climate & Evolution OSX-1005 Fundamentals of Oceanography OSX-1006 Anglesey Geology Field Course OSX-1007 Marine Biogeochemistry OSX-2000 Communicating Science OSX-2002 Marine Physiology & Behaviour OSX-2003 Marine Biology Practical II OSX-2004 Estuary & Shelf Sea Processes OSX-2005 Remote Sensing & Geophysics OSX-2006 Tides, Waves and Marine Energy OSX-2007 Ship-based field course OSX-2009 Marine Ecology OSX-2011 Ice and Oceans OSF-0101 Communication and IT Skills OSF-0102 Essential Physics OSF-0103 Essential Geoscience OSF-0104 Foundation Year Project	OSX-3001 Marine Conservation & Exploit OSX-3002 Marine Ecosystems & Processes OSX-3005 Marine Pollution OSX-3006 Sediment Dynamics OSX-3007 Coastal Processes Field Study OSX-3008 Marine Sediment Environments OSX-3010 Marine Mammal Observation OSX-3011 Extreme Marine Habitats OSX-3013 Intertidal Field Project OSX-3014 Larval Ecology OSX-3015 Overseas Field Course VIMS USA OSX-3016 Ocean Modelling OSX-3017 Applied Geophysics OSX-3018 Numerical Methods OSX-3019 Fish Biology and Ecology OSX-3020 Sharks and their Relatives OSX-3021 Oceans, Atmosphere and Climate OSX-3022 Communicating Science SOU OSX-3023 Marine Mammal Science OSX-3025 Marine Geology & Applications

SOS Postgraduate Modules

	OSX 4001/ OSX 4005/ OSX 4007	OSX 4014/ OSX 4021	OSX 4000/ OSX 4002/ OSX 4004/ OSX 4006/ OSX 4008/ OSX 4009/ OSX 4010	OSX 4011/ OSX 4012/ OSX 4013/ OSX 4015/ OSX 4016	OSX 4020/ OSX 4021/ OSX 4022/ OSX 4023	OSX 4401/ OSX 4404/ OSX 4405/ OSX 4406/ OSX 4407/ OSX 9001
1	x		x	x	x	x
2	x		x	x	x	x
3	x	x	x	x	x	x
4	x	x	x	x	x	x
5	x	x	x	x	x	x
6	x	x	x	x	x	x
7		x	x	x	x	x
8	x	x	x	x	x	x
9	x	x	x	x	x	x
10	x	x	x	x	x	x
11	x	x	x	x	x	x
12	x	x	x	x	x	x
13	x	x	x	x	x	x
14	x	x	x	x	x	x
15	x	x	x	x	x	x
16	x	x	x	x	x	x
17	x	x	x	x	x	x

SOS Postgraduate Modules

OSX-4000 Marine Ecology Skills	OSX-4014 Geophysical Fluid Dynamics
OSX-4001 Marine Fisheries	OSX-4015 Climate and Climate Change
OSX-4002 Habitat Ecology/Coastal Survey	OSX-4016 Literature Review-Project Plan
OSX-4004 Environmental Impact Assessment	OSX-4020 Geophysical Surveying
OSX-4005 Marine Vertebrates	OSX-4021 Sediment Geotechnics
OSX-4006 Conservation/Coast Management	OSX-4022 Sedimentary Environments
OSX-4007 Marine Invertebrates	OSX-4023 Marine Renewable Energy
OSX-4008 Research Design & Planning	OSX-4401 Research Preparation
OSX-4009 Research Project /Dissertation	OSX-4404 Perspectives in Marine Science
OSX-4010 Key Concepts and Techniques	OSX-4405 Research Project Investigation
OSX-4011 Practical Oceanography-AMG	OSX-4406 M Ocean Research Project
OSX-4012 Practical Oceanography-PO	OSX-4407 Practical High-Res Geophysics
OSX-4013 Estuaries and Shelf Processes	OSX-9001 International Experience

CSEE (School of Computer Science and Electronic Engineering) Undergraduate Modules

	ICE 0101/ ICE 0102/ ICE 0202/ ICE 1101/ ICE 1112/ ICC 1112/ ICE 0101 ICE 1121/ ICC 1221/ ICE 1211/ ICE 1212/ ISE 1301/ ICC 1301/ ISE 1302/ ICC 1302/ ISE 1501/ ISE 1521/ ICE 2201/ ICE 2211/ ICC 2211/ ICE2311/ ICE 2312/ ICE 2321/ ICE 2501/	ICE 0201/ ICE 1411/ ICE 1601/ ICE 2902	ICE 1001/ ICE 2002/ ICC 2002/ ICE 3901/ ICL 1005/ ICL 1008/ ICL 2006	ICE 1401/ ICE 2101/ ICE 2102/ ICE 2301/ ICE 2401/ ICE 2601/ ICE 3401/ ICE 3601/ ICE 4601/ ICP 3011	ICE 1800/ ICE 1801/ ICE 2003/ ICC 2003/ ICE 2103/ ICE 2111/ ICE 3303/ ICE 3304/ ICE 3904/ ICE 3903/ ICL 3010	ICE 2001 / ICL 3012 ICL 2016 / ICL3014/ ICP 3025 / ICP3027/ ICP 3029 / ICP 3033 / ICP 3046	ICE 2331/ ICL 3010/ ICP 3099/ IEW 3099	ICE 2701/ ICC 2701/ ICE 3001/ ICE 3002/ ICL 2019/ ICL 3103	ICE 2801	ICE 3009 /ICE 3011 / ICC 3011 / IED 3064	ICE 3101/ ICL 3003/ ICP 3042	ICE 3111/ ICE 3122	ICL 1001/ ICL 2015/ ICL 3403/ ICP 3011	ICL 1006/ ICL 1011/ ICL 1012/ ICL 1013/ ICL 1201/ ICL 2002/ ICL 2005/ ICL 2008/ ICL 2012/ ICL 2013/ ICL 2017/ ICL 3007/ ICL 3008/ ICL 3402/ ICP 3123	ICL 1015	ICL 1016	ICL 2001	ICL 2004	ICL 2018/	ICL 3004	ICL 2021 / ICL 3006	ICL 3009	SNS-ICL 3102

	ICC 2501/ ICE 2702/ ICE 3121/ ICE 3212/ ICE 3301/ ICE 3302/ ICE 3311/ ICC 3311/ ICE 3321/ ICE 3411/ ICE 3501/ ICE 3701/ ICE 3702/ ICE 3703/ ICE 3801/ ICE 3902/ ICE 3905/ ICL 1002/ ICL 1003/ ICL 1004/ ICL 1006/ ICL 1007/ ICL 1009/ ICL 1010/ ICL 1014/ ICL 1017/																						

	ICL 1201/ ICL 2007/ ICL 2009/ ICL 2010/ ICL 2011/ ICL 2020/ ICL 3001/ ICC 3001/ ICL 3002/ ICL 3005/ ICL 3013/ ISM 3004/ ISM 3008/ ISM 3012/ ISM 3014/ ICP 3036/ ICP 3038/ ICP 3083/ ICP 3098/ IES 3002/ IES 3005/ IES 3006																						
1						x																	

2						x																	
3			x		x	x	x	x		x		x			x	x			x			x	
4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6						x																x	
7						x																	
8	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10		x		x		x				x								x				x	
11		x		x	x	x		x	x	x	x							x	x		x	x	x
12						x				x	x		x		x	x	x	x	x			x	x
13						x																	
14						x																x	
15						x										x						x	
16			x	x		x		x	x	x			x	x		x	x					x	x
17						x				x										x		x	

CSEE Undergraduate Modules

ICC-1112 Cyfl i Systemau Mewnblanedig	ICE-1221 Mathematics for Computing
ICC-1221 Math ar gyfer Cyfrifiadureg	ICE-1301 Electrical & Electronic Princi
ICC-1301 Egwyddorion Trydan ac Electron	ICE-1302 Circuit Design (inc. Digital L
ICC-1302 Dylunio Cylchedau	ICE-1401 Networking Theory and Practice
ICC-2002 Prosiectau Diwydiannol	ICE-1411 Web Technologies
ICC-2003 Prosiect Tîm Electroneg	ICE-1501 Computer Architecture & OS
ICC-2211 Dulliau Math a Systemau Llinol	ICE-1521 UNIX
ICC-2501 Prototeipio a Ffabrigo	ICE-1601 Database Systems
ICC-2701 DA a Dylunio Gemau	ICE-1800 Game Studies

ICC-3001 Prosiect Unigol	ICE-1801 Game Design 1
ICC-3011 Rheoli Ansawdd	ICE-2001 Sustainable Project Plan & Mgt
ICC-3311 Systemau Mewnblanedig	ICE-2002 Industrial Projects
ICE-0101 Essential Mathematics	ICE-2003 Electronics Team Project
ICE-0102 Further Mathematics	ICE-2101 Business & Enterprise Prog
ICE-0201 Essential Computer Science	ICE-2102 Application Development
ICE-0202 Foundation Year Project	ICE-2103 User Experience (UX) & HCI
ICE-1001 Professional Perspectives	ICE-2111 Embedded Systems
ICE-1101 Object Oriented Programming	ICE-2201 Data Structures & Algorithms
ICE-1111 Imperative Programming Foundat	ICE-2211 Math Methods & Linear Syst
ICE-1112 Intro to Embedded Systems	ICE-2301 VLSI & Digital Circuits
ICE-1121 Python Programming	ICE-2311 Microelectronics
ICE-1211 Engineering Mathematics	ICE-2312 Microelectronics&Nanophotonics
ICE-1212 Foundation Engineering Maths	ICE-2321 Analog Circuit Design & Comms
ICE-2501 Prototyping and Fabrication	ICE-2331 Electrical Machines
ICE-2601 Data Systems, Management & Eth	ICE-2401 Computer Systems & Networks
ICE-2701 AI & Game Design	ICE-3401 Computer & Network Security
	ICE-3411 Data Networks & Communications
ICE-2702 Applied Data Science Python	ICE-3501 Internet of Things
ICE-2801 System Admin & Mainte	ICE-3601 Advanced Data Management
ICE-2902 Design, Art, Creativity & Story	ICE-3701 Machine Learning
ICE-3001 Individual Project	ICE-3002 Research Methods
ICE-3009 Civic Computing Intervention	ICE-3702 Advanced Game Development
ICE-3011 Quality Management	ICE-3703 Advanced Machine Learning
ICE-3101 Software Engineering	ICE-3801 Systems & Design Thinking
ICE-3111 Computer Vision	ICE-3901 Summer Placement
ICE-3121 Creative Visualisation	ICE-3902 Industry Placement Year
ICE-3122 Information Visualisation	ICE-3903 Enterprise by Design
ICE-3212 Data Structures in Application	ICE-3904 International Experience
ICE-3301 Signal Processing & Tranducers	ICE-3905 International Experience

ICE-3302 Electromagnetics	
ICE-3303 Microwave Engineering	ICL-1002 Computer Systems
ICE-3304 Optical Comms & Systems	ICL-1003 Create/Manage Accessible Webs
ICE-3311 Embedded Systems	ICL-1004 Database Design and Management
ICE-3321 Control Systems	ICL-1005 Designing Accessible Websites
	ICL-1006 Employability Based Learning 1
ICL-1001 Digital Graphics Fundamentals	ICL-1007 Introduction to Programming
ICL-2007 Proj Management for Comp Prof	ICL-1008 Research and Study Skills
ICL-2008 Data Ethics	ICL-1009 Mathematics for Computing
ICL-2009 Data Structures & Algorithms	ICL-1010 Digital Graphics (JS Canvas)
ICL-2010 Intro to Data Analytics	ICL-1011 Introduction to Networks
ICL-2011 Vis & Graphical Algorithms	ICL-1012 Local Area Network Essentials
ICL-2012 Web Servers & Authentication	ICL-1013 Security & Data Ethics (UNIX)
ICL-2013 Connecting Networks	ICL-1014 Engineering Design
ICL-2014 Scaling Networks	ICL-1015 Engineering Materials
ICL-2015 Engineering Man Techniques	ICL-1016 H & S in Engineering (WB)
ICL-2016 Automation & Robotics	ICL-1017 Mechanical Eng Principles
ICL-2017 Computer Aided Design & Anal	ICL-1201 Data Modelling
ICL-2018 Engineering Maintenance (WB)	ICL-2001 Designing Mobile Technology
ICL-2019 Prof Reflection & Develop (WB)	ICL-2002 Object Oriented Programming
ICL-2020 Adv Comp Aided Manufacture	ICL-2003 Ethical Computing
ICL-2021 Proj Management for Comp Prof	ICL-2004 Emerging Computing Technologies
ICL-3001 Advanced Programming	ICL-2005 Employability Based Learning 2
ICL-3002 Software Engineering	ICP-3123 Internet Tech for E-Commerce
ICL-3003 Software Prototyping Study	ICP-3011 Computer & Network Security
ICL-3004 Production Software Development	ICP-3025 Apps Artificial Intelligence
ICL-3005 WBP-Data Processing & AI	ICP-3027 Databases - Design & Implement
ICL-3006 WBP-Design& Impl Visualisation	ICP-3029 Networks & Distributed Systems
ICL-3007 WBP-PESTLE (inc. GDPR)	ICP-3033 Operating Systems & Networks
ICL-3008 WBP-Advanced Security Solution	ICP-3033 Operating Systems & Networks

ICL-2006 Research Methods & Study Skill ICL-2007 Proj Management for Comp Prof ICL-3009 Sustainable Manufacturing Man ICL-3010 Engineering Project (WB) ICL-3011 Power Engineering ICL-3012 Sustainable Renewable Energy ICL-3013 Industrial Engineering ICL-3014 Apps of CNC Machines ICL-3102 Business & Enterprise Programm ICL-3103 User Experience (UX) & HCI ICL-3402 Mathematics for Cryptography ICL-3403 Penetration Testing ICM-3004 Signal Processing ICM-3008 Electromagnetics ICM-3012 Information & Coding - Comms ICM-3014 Optical Communication	ICP-3036 Computer Graphics 3 Rendering ICP-3038 Computer Vision (20cr) ICP-3042 New Technologies ICP-3046 Web-Based Applications ICP-3083 Pattn Recogn & Neural Networks ICP-3099 Individual Project-Computing ICP-3123 Internet Tech for E-Commerce IED-3064 Business Process Reengineering IED-3098 MEng Individual Project IED-3099 Individual Project-Engineering IES-3002 Microelectronics 3 IES-3005 Microwave System Design Tech IES-3006 Control Systems IEW-3099 Prosiect Unigol Electroneg

CSEE Postgraduate Modules

	ICE 4101/ ICE 4121/ ICE 4131/ ICE 4201/ ICE 4211/ ICE 4502/ ICC 4502/ ICE 4701/ ICE 4702/ ICE 4711/ ICE 4721	ICE 4001/ ICE 4002/ ICC 4002/ ICE 4003/ ICE 4004/ ICE 4005/ ICE 4006/ ICE 4007/ ICE 4311/ ICC 4311/ ICE 4732/ ICC 4732/ IES 4107	ICE 4312/ ICE 4321/ ICE 4322/	ICE 4141/ ICE 4323/ IEW 4066	ICE 4301/ ICE 4331/ ICE 4414/ ICE 4415/	ICE 4416/ ICE 4611	ICP 4029	ICE 4111	ICE 4421/ ICE 4601/ ICE 4411/ ICE 4412/ ICE 4413/ ICE 4611
1									x
2									x
3		x		x					x
4	x	x	x	x	x	x	x	x	x
5	x	x	x	x	x	x	x	x	x
6									x
7									x
8	x	x	x	x	x	x	x	x	x
9	x	x	x	x	x	x	x	x	x
10							x	x	x
11			x	x	x	x		x	x
12				x	x				x
13									x
14									x
15									x
16		x				x	x	x	x
17									x

ICC-4002 Prosiect Tîm MEng ICC-4311 Rheolwyr Rhesymeg Rhaglenadwy ICC-4502 Prototeipio a Ffabrigo ICC-4732 DA a Dylunio Gemau ICE-4001 MSc Individual Project ICE-4002 MEng Team Project ICE-4003 Research Methods & Study Skill ICE-4004 MComp Team Project ICE-4005 MSc Generalist Mini-project ICE-4006 Data Science Experiments ICE-4007 MRes Individual Project ICE-4101 Introduction to Programming ICE-4111 Web Technologies ICE-4121 Information Visualisation ICE-4131 High Performance Computing ICE-4201 Data Structure Algorithm Theory ICE-4421 Computer & Network Security ICE-4502 Prototyping and Fabrication ICE-4601 Ethics, Data & Security ICE-4211 Intro to Mach Learning & Anal ICE-4221 Enterprise Design & Modelling ICE-4301 Advanced Sensor Systems ICE-4311 Programmable Logic Controllers	ICE-4312 Advanced Control Systems ICE-4321 Nano-Elec & High-Speed Design ICE-4322 Laser Fabrication ICE-4323 Microengineering ICE-4331 Embedded Systems ICE-4411 Broadband Comms Systems ICE-4412 Data Networks and Comms ICE-4413 Mobile Communications Systems ICE-4414 RF & Optical MEMS ICE-4415 Advanced Optical Communication ICE-4611 Database Systems ICE-4701 Advanced Machine Learning ICE-4702 Machine Learning ICE-4711 XReality ICE-4721 Natural Language Processing ICE-4732 AI & Game Design ICP-4029 Data Networks & Communications IED-4066 Quality, Value & TQM IES-4107 RF and Optical MEMS