



Dysgu am fywyd

Arweiniad bras ar faterion byd-eang a
datblygu cynaliadwy mewn modiwlau
israddedig 2005-06

Learning for life

A rough guide to global issues and
sustainable development in
undergraduate modules 2005-06

Nodyn am y llyfryn hwn

Canllaw yw'r llyfryn hwn i'r hyn sydd ar gael yn y Brifysgol o ran dysgu am faterion byd-eang a datblygiad cynaliadwy. Mae hefyd yn rhoi gwybodaeth am beth mae PCB yn ei wneud i weithio yn fwy cynaliadwy.

Mae modiwlau yn agored i'r cyfyngiadau adrannol arferol ar gyfer cyrsiau penodol. Argymhellir felly eich bod yn edrych yn llawlyfr eich cwrs ac yn holi'ch tiwtor i weld pa rai o'r modiwlau hyn sydd ar gael i chi.

* Modiwl Cymraeg

Cyhoeddwyd gan: y Canolfan Addysg Byd, PCB, gyda grantiau gan yr Adran Datblygu Rhyngwladol (DFID) a'r Cynllun *Addysg ar gyfer Datblygu Cynaliadwy a Dinasyddiaeth Fyd-eang*, y Llywodraeth Cynulliad Cymru

About this booklet

This booklet is a guide to what is currently available in the University in terms of learning about global issues and sustainable development. It also gives information about what UWB is doing to work more sustainably.

Modules are subject to the usual departmental restrictions for certain courses. It is recommended therefore that you check with your course handbook and tutor to see which of these modules is available to you.

* Module available through the medium of Welsh

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Llywodraeth Cynulliad Cymru
Welsh Assembly Government

Addysg yw'r arf mwyaf effeithiol sydd gan gymdeithas ar gyfer wynebu sialensiau'r dyfodol

Education is the most effective means that society possesses for confronting the challenges of the future

UNESCO (1997) Educating for a Sustainable Future

CYNNWYS

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BLWYDDYN 1 YEAR 1

CYFADRAN GWYDDONIAETH A PHEIRIANNEG FACULTY OF SCIENCE AND ENGINEERING

Amaethyddiaeth a Choedwigaeth Agriculture and Forestry			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
DXX-1001	Natural resource economics	social science of economics and its application to Earth's natural resources; economic techniques of land use appraisal; general overview of the subject for those from other schools within UWB	10
DXX-1304	Global environmental issues	think and form views about the social and scientific implications of each issue; People, food and the environment, Genetically modified organisms, Global deforestation, Pollution, Climate change, Environmental Law; understand the principles governing environmental issues from a global perspective	10
DXX-1301	Environmental management	positive contribution of land management to achievement of environmental objectives; biodiversity conservation; biodiversity conservation; conflicts arising from recreational use; Co-operative skills; formulate general aesthetic principles	10

Gwyddorau Biolegol Biological Sciences			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
BSX-1011	Evolutionary Biology	historical perspectives of biodiversity; evolutionary forces ; natural populations and communities	10
BSX-1006	Physiological Ecology	effects of global climate change on plant performance and productivity; the use of microbes by man for biological control and effluent treatment.	10
BSC-1012	Pynciau Llosg y Gwyddorau	multi-disciplinary module; contemporary scientific debates; past, present and future; people and environmental change; validity of different points of view.	10

Cemeg Chemistry			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
FXX-1005	Chem. in Biol. and Environ.	Chemistry in the Environment; changes caused by chemical pollution.interaction of pharmaceuticals, agrochemicals and similarly bio-active compounds, both natural and synthetic, with living organisms;important environmental issues (for instance, global warming, eutrophication and nuclear waste). how chemistry can be used to solve environmental problems.	10

Gwyddorau Eigion Ocean Sciences			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
OXE-1003	Earth History and Evolution	biological evolution; environment and climate changes on a geological time scale and how this contributes to the debate on environmental issues and future climate change;	10
OXE-1001	Earth & Atmospheric Processes	physical processes occurring within our planet Earth and its atmosphere, paradigms	10
OXF-1002	Environmental Contamination	contamination, our coastal environment; legislative framework; evidence for and legal aspects for controlling global warming	10

Seicoleg Psychology			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
PSP-1001	Personality, Int. & Soc. Psy	mechanisms involved in our perception of people and events; inter-group perceptions and of racial prejudice	10

CYFADRAN Y CELFYDDYDAU A GWYDDORAU CYMDEITHAS FACULTY OF ARTS AND SOCIAL SCIENCES

Cyfathrebu a'r Cyfringau Communications and Media			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
UXC-1007	Agweddau ar Ddiwylliant Cyfoes	datblygu dealltwriaeth o'r cysyniad o ddiwylliant yng nghyd-destun Cymru.	10

Saesneg English			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
QXB-1002:	Intro to American Lit & Cult 2	ways in which America re-defined itself during the twentieth century as a leading industrial and cultural power. Tensions between modern life and traditional values, diversity of peoples and unity of ideology, are analysed in representations of metropolitan life, consumerism, a new business mentality and attitudes towards the assimilation of black cultural forms. individualism in the age of mass communication will be discussed.	20
QXB-1001	Intro to American Lit & Cult 1	ideas of freedom, independence and democratic community that became part of the ideology of the new republic; contemporary America and as a hope for the future; Frontier, the treatment of native Americans, slavery, Civil War questioning of American cult.values	20

Hanes History			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
HXC-1006	Cymru yn y Byd Modern Wales in the modern world		20
HXH-1003	War and Media	social, psychological and political impact of war, 20thC	20
HXH-1006:	Contemporary Political Issues	key political issues shaping the modern world; political stability, the Third World, collapse of the Soviet Union, nationalism, environmental movements and globalisation	20

Cerddoriaeth Music			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
WXC/WX M-1006	Diwylliannau Cerddorol Byd Eang*	diwylliannau cerddorol byd eang a daeth traddodiadau gwledydd fel yr Affrig, America Ladin, Dwyrain Ewrob music, world, part played by music in its cultural context	10
WXM-1999	Music Cultures of the World		10
WXM-1006	Music Cultures of the World	music cultures of the world; traddodiadau gwledydd fel yr Affrig, America Ladin, Dwyrain Ewrob	20

Astudiaethau Rhanbarthol a Chymunedol Regional & Community Studies			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
ACR/ASR *	Gwaith maes De Cymru S. Wales community field trip	Astudiaeth cymuned. Community study, integrated study	10
ACR/ASR -1408*	Deall cymuned Understandin-g Community	Astudiaeth aml-ddisgyblaethol o'r cysyniad o gymuned; ddealltwriaeth o'r berthynas rhwng amgylchedd, economi, cymdeithas a diwylliant yn y cyfnod presennol. Relationship between environment and community society, culture and community; Principles and values of community development. Field work based study of communities in south Wales.	20
ASR-1405	Introduction to Sociology	Theory of major contemporary empirical studies related to gender, class, racism and ethnicity; major contemporary empirical studies;	10
ACR/ASR -1403*	Profiad gwaith Work Experien.		10
ACR/ASR -1402*	Sgiliau cyfathrebu am Ddatblygad Cymuned Communicati-	Dealltwriaeth o gyfraniad cyfathrebu i ddatblygu cymunedol.	10

Astudiaethau Rhanbarthol a Chymunedol Regional & Community Studies

Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
	on skills and methods for Community development	role of communication in community development, with specific reference to participative practice	
ACR/ASR-1410*	Sgiliau craidd gweithiwr Core Worker skills	datblygu agweddau a sgiliau perthnasol i ddatblygu cymunedol; gwerthoedd, agweddau a sgiliau sy'n berthnasol i ymarfer gwaith cymuned; prosiect cymunedol. confidence and skills for community development; critically consider values, attitudes and ideas pertaining to community development practice; reflect on the experience of participation.	10
ASR/ACR-1035*	Ewrop ai Rhanbarthau Europe & it's Regions	patrymau sosio-economeg a'r amrywiaeth o ddiwylliannau sydd o fewn Ewrop; amgylchedd, hamdden, thwristiaeth, busnes a pholisi cymdeithasol. physical, historical, cultural resources of Europe; socio-economic patters and cultural diversity; environmental issues	20
ACR/ASR-1003*	Daearyddiaeth dynol Human geography	Themau a materion amgylcheddol cyfoes mewn cydestun byd, rhanbarthol a lleol, holistig, traws-cwricelaidd Contemporary environmental themes and issues; complex and conflicting inter-relationship between human interests and nature, set in a world, regional and local context, inter-disciplinary, holistic approach.	20
ACR/ASR-1005*	Cyflwyniad I Ewrop Introduction to Europe	patrymau sosio-economeg a'r amrywiaeth o ddiwylliannau sydd o fewn Ewrop; amgylchedd, hamdden, thwristiaeth, busnes a pholisi cymdeithasol. socio-economic patterns and cultural diversity within Europe; environmental, historical, cultural characteristics	10
ACR/ASR-1011*	Cyflwyniad I Hamdden a thwristiaeth Introduction to leisure&tourism	hamdden fel phenomena gymdeithasol,; datblygiad hamdden gynnaladwy; leisure as a social phenomena; sustainable tourism development	20
ACR/ASR-1010*	Bioddaearyddiaeth Biogeography	ddatblygu dealltwriaeth o egwyddorion a phrosesau ecolegol mewn ecosystemau penodol sensitive, dynamic and interrelated nature of natural environments and ecosystems; global ecosystem.	10

Gwyddorau Cymdeithas Social Sciences

Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
SXS-1010	Understanding the Social World	understand the social world; development of sociological theory.	20
SXS-1012	Social Change in Britain	sociological introduction the the main dimensions of British society, including gender, the family, employment, class and ethnicity	10

Diwinyddiaeth ac Astudiaethau Crefyddol Theology and Religious Studies			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
TXR-1106	Intro to the Study of Religion	central beliefs and practices of Islam, Buddhism, Hinduism, Sikhism.; the issues and concerns facing practitioners of these faiths in the contemporary world.	20
TXD-1303	God's Here and Now	the meaning of 'globalisation; social, economic and cultural effects of globalisation, community; church	10

CYFADRAN ADDYSG FACULTY OF EDUCATION

Dysgu gydol Oes		Lifelong Learning	
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
YCE-1103:	The Information Society	Information Society; sociological writings and opinions; economic, social and political impact on society	10
YSE-1004	Identities: introduction to the social sciences	Political identity, national identity, 'clash of civilisations', globalisation	
YHE-1703	Foundations of modern political philosophy	Ideas of Europe, ideal societies, the nature of politics	
YHC/YHE-1650	Makers of Modern Wales		20
YHE-1651	War Society and the Media	relationship between community development and regional development	

Hyfforddiant ac Addysg Gychwynnol Athrawon

Mae Addysg ar gyfer Datblygiad Cynaliadwy a Dinasyddiaeth Fyd-Eang wedi'i sefydlu ar draws yr holl gysiau ar gyfer Hyfforddiant ac Addysg Gychwynnol Athrawon, yn cynnwys y BA (Addysg) gyda SAC, BSc Dylunio a Thechnoleg gyda SAC, a chysiau TAR.

Initial Teacher Education and Training

Education for Sustainable Development and Global Citizenship is embedded across all courses for Initial Teacher Education and Training, including the BA (Education) with QTS, BSc Design and Technology with QTS, and PGCE courses.

CYFADRAN ASTUDIAETHAU IECHYD FACULTY OF HEALTH STUDIES

Nyrso Cyn-gofrestru Pre-registration Nursing			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
NCF-1012	Aspects of Health - Vulnerable	Discuss how personal values, culture, social and structural context influence health	40

BLWYDDYN 2 YEAR 2

CYFADRAN GWYDDONIAETH A PHEIRIANNEG FACULTY OF SCIENCE AND ENGINEERING

Amaethyddiaeth a Choedwigaeth Agriculture and Forestry			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
DXX-2015	Sustainable Tropical Agriculture	considers the concepts of sustainability in the context of warm climates and endemic poverty, and how this differs from Western concepts of sustainability	10

Gwyddorau Biolegol Biological Sciences			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
BSP-2052	Ecology and Evolution	nature of the forces acting on populations; changes in gene and genotype frequency	10
BSX-2004	Zoology Field/Study Skills	introduces a variety of transferable and subject-specific skills that are important in the practice of marine zoology Tutorials enhance the student's ability to write in an acceptable scientific style and to explore in an interactive way, with colleagues and members of staff, various aspects of biology, including moral and ethical issues.	20
BSX-2003	Maine Zoology Field/Study Skills	introduces a variety of transferable and subject-specific skills that are important in the practice of marine zoology Tutorials enhance the student's ability to write in an acceptable scientific style and to explore in an interactive way, with colleagues and members of staff, various aspects of biology, including moral and ethical issues.	20
BSX-2001	Biology Field/Study Skills	introduces a variety of transferable and subject-specific skills that are important in the practice of biology; Tutorials enhance the student's ability to write in an acceptable scientific style and to explore in an interactive way, with colleagues and members of staff, various aspects of biology, including moral and ethical issues.	20
BSS-2003	Biomedical / Molecular Skills	skills; integrative knowledge of biomedical science; commercial / research applications of biomedical science and molecular biology; moral and ethical issues associated with recent developments in human medicine.	20
BSL-2018	Molecular Biology in Ecology	molecular biology; its essential impact across a range of biological disciplines including estimation of population structure and gene-flow and evolutionary biology; To illustrate how its application can impact on society.	10
BSL-2016:	Applied Molecular Biology	techniques and theory of molecular biology; scientific investigation of human health and disease; how its application can impact on society; moral and ethical dilemmas	10

Gwyddorau Biolegol Biological Sciences			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
BSL-2011	Evolutionary Ecology	biology of populations from an evolutionary point of view	10
BSP-2053	Environmental Ecology	large-scale ecological experiments, industrial ecology, Impact assessment	10
BSL-2012	Ecosystems & the Biosphere	ecosystems, human activity, polluted environments; global, & ecosystem levels and links between, conservation, biosphere, self-regulation; interdisciplinary nature of science;	10

Cemeg Chemistry			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
FXX-2566	Chemical Processes in Environment	designed for students who are non chemists; essential aspects of inorganic, organic and physical chemistry that are relevant to environmental science.	10

Gwyddorau Eigion Ocean Sciences			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
OXB-2012	Marine Ecology & Biodiversity	concepts of community organisation and biodiversity.	10
OXB-2011	Marine Food Webs	food webs in the marine environment; multi-disciplinary and inter-disciplinary perspectives	10
OXB-2014	Fish and Fisheries	The wider ecosystem effects of fish harvesting; The responses of fish populations to different levels and regimes of harvesting	10

Seicoleg Psychology			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
PSP-2001	Social & Developmental Psy	conditions under which we are most likely to conform with others, we then study helping behaviour and other prosocial responses.	10

Gwyddorau Chwaraeon, Iechyd ac Ymarfer Sports, Health, Exercise Sciences			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
JXH-2006	Health Behaviours	socio-economic context of health	10
	Various other modules	Modules relating to health and exercise are all relevant	

CYFADRAN Y CELFYDDYDAU A GWYDDORAU CYMDEITHAS
FACULTY OF ARTS AND SOCIAL SCIENCES

Bancio, Cyllid ac Economeg Accounting, Banking and Finance			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
ASB-2409	Economic & financial Institutions	Terms of trade between countries.	10
ASB-2107:	Consumer Behaviour	consumer behaviour, different cultures; impact of the environment, & the influence of groups & opinion leaders in social persuasion	10
ASB-2303	Environmenta -l Economics	the cutting edge of research in economics that is relevant to policy debates of the day. E.g What is sustainable development; Why should the present generation concern itself with the sustainability of future generations?; environmental protection; Relationship between development, poverty, poverty alleviation.	10

Cyfathrebu a Chyfyngau Communications and Media			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
UXS-2008:	Journalistic values	legal and ethical elements, journalism	10

ELCOS			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
QXS-2002	Integrated English Skills 2	available to students from outside the UK from a country where English is not spoken as the first language; topics including the media, learning and teaching, science and technology, entertainment, crime and punishment and stranger than fiction.	10
QXS-2001	Integrated English Skills 1	students from outside the UK from a country where English is not spoken as the first language; topics covered include health, homes, travel, culture, work and people and relationships.	10

Saesneg English			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
QXE-2004	Romanticism	effects on literature of attempts by marginalised or oppressed groups to achieve recognition; Britain as a dominant commercial and imperial power; their connection with modern critical debates; Romantic debates on subjects including revolution, nationality, nature, gender, and genre, and the social and political context of these debates	20

Hanes History			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
HTH-2105	Modern Ideas & Movements	20th Century; impact on social, economic and political movements; ideas and belief systems; key figures plus ideas and belief systems	20

Ieithyddiaeth Linguistics and English Language			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
YSE-2105	World Politics	Theories of international politics; Realism; Liberalism; Rationalism; Globalisation; Armed Humanitarian intervention	
YHE-2704	The Enlightenment	18th Century Enlightenment; ideas of Europe; concepts of political sovereignty	

Ieithoedd Modern Modern Languages			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
LXF-2067	France and Decolonisation	France; relationship with her overseas territories; reading skills in the area of history and politics	10

Cerddoriaeth Music			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
WXC/WX M-2106*	Y Ffidil yn Niwylliant y Byd The Violin in World Culture /	Y Ffidil yn Niwylliant y Byd Violin in World Culture	10
WXC/WX P-2245*	Ardulliau Ffidl Tradd/Traditiona l Fiddle Styles A	Ardulliau Ffidl Traddodiadol Traditional Fiddle Styles	10
WXM-2212*	Music in the Mediterranean	Mediterranean	10
WXM-2211*	Music in Africa	musical styles found the wider Mediterranean region in both their unity and their diversity	10
WXC/WX M-2213*	Ethnogerddoreg B: Iwerddon / Ethnomusicolog y B: Ireland	gerddoriaeth Iwerddon; yr agwedd hanesyddol yn ogystal â'r wedd gymdeithasol Irish Music; the historical and social aspects	10
WXC/WX M-2209	Ethnogerddoreg A / Ethnomusicolog y A	cerddoriaeth ethnig a cherddoriaeth fyd-eang ym myd addysg yn ystod yr 20fed ganrif; dylanwad traddodiadau cerddorol. safbwynt hanesyddol, cerddoregol a chymdeithasol music and gender, music and identity, music and the state, folk revivals, fieldwork, transcription, and case studies of traditional musical instruments	10

Astudiaethau Rhanbarthol a Chymunedol Regional & Community Studies			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
ACR/ASR-2504*	Ireland Community Field Study	community development; impact of different political, policy and structural contexts on community development practice	10
ACR/ASR-2407*	Power, Politics and Social action	origins and development of the state including power, the authority, legality and distribution of power, political and social action, including formal and informal participation and action, and an examination of public opinion and ideology	10
ACR/ASR-2410*	Athroniaeth Wleidyddol Political Philosophy	datblygiad athroniaeth wleidyddol y Gorllewin; syniadaeth, ideolegau a chwestiynau cymdeithasol cyfoes; prif ysgolion athronyddol gwleidyddol cyfoes development of political ; contemporary ideas, ideologies and social issue; main schools of contemporary political theory; ideas relating to society	10
ACR/ASR-2408*	Dadansoddi cymuned Com. analysis		20
ACR/ASR-2405*	Rheoli project Project Management		10
ACR/ASR 2401*	Sgiliau cyffredinol Generic skills	sgiliau cyffredinol ar gyfer datblygu cymuned; werthoedd datblygu cymuned, grymuso, cyfranogiad, sgiliau hwyluso, gwaith grwp a gwerthuso a dadansoddi sgiliau cyffredinol datblygu cymunedol. generic skills for community development. Participative practice; group work, functions of group members, processes of nurturing, negotiation and conflict resolution with groups.	10
ACR/ASR-2501*	Cysyniadau trefol Urban Concepts and Issues	Twf trefol yn y byd a lleol origins and growth of urban settlements; Urbanisation as a process at the world and local levels	10
ACR/ASR-2502*	Cysyniadau cefn gwlad Rural Concepts and Issues	Datblygiad cefn gwlad, materion cyfoes, cynaladwyedd cefn gwlad rural development; contemporary issues of concern as relevant to the sustainability of rural communities	10
ASR-2003*	Lleoliad proffesiynol Professional Placement L2	Lleoliad proffesiynol, adlewyrchiad beirniadol, sgiliau iaethyddol a dealltwriath diwlliannol professional experience; critical reflection; Develop linguistic skills and cultural understanding.	10
ACR/ASR-2001*	Cynllunio twristiaeth Tourism Planning	archwilio strategau, modelau, polisiau, ac adolygu rol a chyfundrefnau twristiaeth. tourism in developed and developing economies, urban, and rural; environmental and soci-economic impact	20

Gwyddorau Cymdeithas a Chyfraith Social Sciences and Law			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
SXS-2004	Social Diversity & Identity	identity and difference; major dimensions of social organization such as age, gender, ethnicity and 'race', nationality, and class	20
SXP-2001:	Poverty and Social Exclus.	poverty in Britain, inequality	10
SXS-2058	Citizenship & Pol. Part	ideas about citizenship; deliberative and participatory democracy	10

Diwinyddiaeth ac Astudiaethau Crefyddol Theology and Religious Studies			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
TXD-2108	Practical Theology	Christian response to social, political, cultural and economic challenges and developments, liberation theology, black theologies, the issues of peace, aid and development, the ecological crisis, a theology of work, the Christian witness in politics and social life	20
TXD-2055	Contemporary Ethics	Bible as an ethical resource; ethical texts; Ethical approaches: deontological and consequentialist ethics; World religion perspectives on ethical issues, ethics of: warfare, environmental issues, economics	20

CYFADRAN ADDYSG FACULTY OF EDUCATION

Dysgu gydol Oes Lifelong Learning			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
YSE-2105	World Politics	Theories of international politics; Realism; Liberalism; Rationalism; Globalisation; Armed Humanitarian intervention	10
YHE-2704	The Enlightenment	18th Century Enlightenment; ideas of Europe; concepts of political sovereignty	10

Hyfforddiant ac Addysg Gychwynnol Athrawon

Mae Addysg ar gyfer Datblygiad Cynaliadwy a Dinasyddiaeth Fyd-Eang wedi'i sefydlu ar draws yr holl gysiau ar gyfer Hyfforddiant ac Addysg Gychwynnol Athrawon, yn cynnwys y BA (Addysg) gyda SAC, BSc Dylunio a Thechnoleg gyda SAC, a chysiau TAR.

Initial Teacher Education and Training

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**CYFADRAN ASTUDIAETHAU IECHYD
FACULTY OF HEALTH STUDIES**

Radiograffeg Radiography			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
RDR-1011	Patient Care&Health Promotion	health care; health promotion (Many other modules are also relevant)	20

BLWYDDYN 3

YEAR 3

CYFADRAN GWYDDONIAETH A PHEIRIANNEG FACULTY OF SCIENCE AND ENGINEERING

Amaethyddiaeth a Choedwigaeth Agriculture and Forestry			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
DXX-3618	Sustainable Development	sustainable development; key social, economic and environmental factors that influence sustainability, participation in discussion groups where contentious issues are being aired; concepts from different academic disciplines	10
DXX-3611	MDSS & environmental economics	questioning approach to the conventional wisdom of the subject; environmental valuation; Subject their own prejudices about values to an impartial philosophical and economic scrutiny; Critical evaluation of decisions; cost-benefit analysis	10
DXX-3507	Renewable Energy	Energy, renewable, Environmental impacts	10
DXX-3402	Recycling, waste mgt renewable	the concepts of sustainability, carrying capacity, dissipation; environmental consequences; listening to, appreciating and evaluating the views of others.	10
DXX-3307	Tropical trees and forests	forestry's sustainability implications in the face of prevailing environmental and socio-economic constraints	10
DXX-3306	Wildlife conservation	the social and economic complexity of many conservation issues.	10
DXX-3111	Organic/low input agriculture	how organic farming relates to other low input system approaches to the improvement of agricultural sustainability, critical analysis	10
DXX-3109	Overseas rural development	to think about what development is in a less developed country context; the many arguments surrounding the concepts of development; issue of rural development in poorer tropical countries, what is development; role of natural resources in it, collect evidence and apply it in a balanced way in an argument	10

Gwyddorau Biolegol Biological Sciences			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
BSL-3111	Biodiversity and Ecophysiology	basic principles of biogeography, evolution, ecology and physiology	10
BSL-3108	Evolution and Conservation	models of population genetics in the context of current controversy; how genetic theory can be developed to examine the consequences of habitat fragmentation and its effects on extinction.	10
BSL-3104:	Chromosomes to Genomes	how modern genome technologies are applied within the commercial and medical spheres	10
BSL-3116	Wetland and River Ecosys.	ecosystem science, conservation, diversity	10

Cemeg Chemistry			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
FXX 3101	Pollution and Environment	problems associated with inorganic pollutants; how to cope with pollution issues; ways in which organic molecules are introduced into the environment, how they they interact with it, and how they are subsequently modified and removed.	10

Gwyddorau Eigion Ocean Sciences			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
OXB-3053	Marine Biological Resources	over-exploitation of marine biological resources; economic and social importance of fishing and fisheries in a global context	10
OXB-3051	Marine Biotechnology	genetic diversity; biotechnology; marine environment; reducing negative impacts on marine organisms.	10
OXB-3056	Evolution of the Oceanic Ecosy	Ecosystem-climate interactions; anthropogenic and long term climatic effects; Gaia hypothesis; global oceanic ecosystem	10
OXB-3052	Marine Conservation Biology	Marine biological diversity; Sustainable development and integrated coastal zone management; ase studies from around the world, ecosystem, need for marine biological conservation and sustainable development	10
OXF-3021	Marine Pollution	marine environment; pollution; effects and management practices associated with waste disposal	10

Seicoleg Psychology			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
PSP-3002:	Evolutionary Psychology	possible moral, political, and economic dilemmas arising from links between genes and behaviour; forces of evolution, moral and practical questions for society as a whole	20

**CYFADRAN Y CELFYDDYDAU A GWYDDORAU CYMDEITHAS
FACULTY OF ARTS AND SOCIAL SCIENCES**

Bancio, Cyllid ac Economeg Accounting Banking and Finance			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
ASB-3102	International Business	contemporary issues in international business; globalisation	10

Cymraeg Welsh			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
CXC-3123:	Rhyddid Y Nofel	sut mae nofelwyr Cymraeg wedi ymelwa ar y rhyddid sy'n gynhenid i genre y nofel ac wedi ymdrechu i'w ymestyn ymhellach.	

Saesneg English			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
QXF-3010	British Cinema	address notions of national identity, consider whether a 'national style' can be identified, and analyse how issues such as gender, class, race and sex have been represented on screen	20
QXE-3066	Ulysses, Modernism and Modernity	place (of the story) in relation to larger debates about modernism and modernity.	20
QXE-3031	Welsh Writing in English	literature which came into existence as a result of major social, cultural and economic upheaval in Wales at the turn of the century	20

Gyfraith Law			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
SLX-3124	Environmental law	UK, European and international environmental law; relate the Law to particular circumstances – political, social, cultural – in which it developed;	20
SLX-3124	Environmental Law Core in Law with Env Conser.	UK, European and international environmental law; relate the Law to particular circumstances – political, social, cultural – in which it developed;	20

Ieithyddiaeth Linguistics and English Language			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
QXL-3353	English & globalisation	English language; globalisation; globalisation; role of language in development and politics	20

Cerddoriaeth Music			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
WXC/WX P-3245	Arddulliau Ffidil Traddodiadol Traditional Fiddle Styles A	Arddulliau Ffidil Traddodiadol / Traditional Fiddle Styles	10
WXC/WX M-3106	The Violin in World Culture	Ffidl yn nywilliant y byd Violin in World Culture	10

Cerddoriaeth Music			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
WXM-3212	Music in the Mediterranean	Music in the Mediterranean	10
WXM-3211	Music in Africa	musical styles found the wider Mediterranean region in both their unity and their diversity	10
WXC/WX M 3209	Ethnogerddoreg A* / Ethno Music A	cerddoriaeth ethnig a cherddoriaeth fyd-eang ym myd addysg yn ystod yr 20fed ganrif; dylanwad traddodiadau cerddorol yn ogystal â'r wedd gymdeithasol / Music Cultures of the World, music and gender, music and identity, music and the state	10
WXC/WX M-3213:	Ethnogerddoreg B: Iwerddon / Ethno Music B Ireland	Cerddoriaeth Iwerddon; yr agwedd hanesyddol yn ogystal â'r wedd gymdeithasol Irish music, historical and social aspects	10

Astudiaethau Rhanbarthol a Chymunedau Regional and Community Studies			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
ACR/ASR-3404*	Lleoliad datblygiad cymuned Community development practice placement	profiad o leoliad gwaith wedi ei 'oruchwylio' ym maes datblygiad cymuned; sgiliau a'u profiad ymarferol o ran datblygiad cymuned 'supervised' work placement in the field of community development; skills and experience	
ACR/ASR 3401*	Community development practice	Ymarfer datblygiad cymuned Community development practice	10
ACR/ASR-3064/3408*	Datblygiad Cymuned Community Development	Perthynas rhwng prosesau economeg a chymdeithsol mewn cyd-destun datblygiad cymuned. relationships between economic and social processes in the context of the development of communities; Political aspects of community development	20
ACRASR-3012*	Sustemau trefol Urban Systems	ffurfiau rheolaethol a ddatblygwyd mewn perthynas a materion amgylcheddol dinesig gyda sylw arbennig i wledydd Prydain spatial, economic, social, and political impacts of the global economy on cities; social inequality: deprivation and social exclusion; role of environmental components; sustainable urban regen.	10
ACRASR-3105*	Teithio/twristiaeth Travel/Tourism L3	effaith twristiaeth ar ardaloedd datblygol a'r effaith ar berthynas gender hefyd yn cael ei ystyried; arwyddocad cymdeithasol twristiaeth effects of tourism upon developing areas and how its impact upon gender relation; representation of the 'other' in tourism social significance of tourism , perceptions	20
ACR/ASR-3503*	Parciau Cenedlaethol & Ardaloedd National parks	Parciau cenedlaethol National Parks	10

Astudiaethau Rhanbarthol a Chymunedau Regional and Community Studies			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
ACR/ASR-3108*	Polisiau amgylcheddol rhyngaladol Int Env Policy L3	ymatebion rhyngwladol i broblemau amgylcheddol; warchod adnoddau cyffredin ac effeithiau llygredd aer, dwr a swm ar iechyd gyhoeddus International responses to environmental problems, land use policies; action plans safeguarding common resources and cross-border environmental impacts	20
ACRASR-3405*	Globaleiddio a chymuned Globalisation & Community	beirniadaeth ar ystyron bydgyfannu mewn termau economaidd, cymdeithasol, diwylliannol ac amgylcheddol. berthynas rhwng 'bydgyfannu' a 'chymuned'; ddewisiadau radicalaidd amgen i'r bydgyfannu tybiedig theories and concepts of globalisation; theories and concepts of community; globalisation in social, environmental, cultural and economic terms; Beyond globalisation - shaping a sustainable future	10
ACR/ASR-3201*	Datblygiad economeg a chymdeithasol Economic and Social Development	Perthynas rhwng agweddau amgylcheddol, economeg, cymdeithasol a diwylliannol, trawscwricwlaidd relationship between environmental, economic, social and cultural aspects of development; interdisciplinary	20
ACR/ASR-3502*	Daearyddiaeth h Bwyd (Diw/Gastr)"	gweddau cyndeithasol a diwylliannol bwyd; cynhyrchiad bwyd ac effaith ar y byd; social and cultural aspects of food consumption and nutrition issues; production and consumption of food that have shaped the world, culture and identities. food and nutrition issues in the UK	20

Gwyddorau Cymdeithas			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
SXP-3018	Equal Opportunities	Equal Opportunities, gender, race, age, and disability but other forms of discrimination such as that which produces territorial and linguistic inequality and social exclusion	10
SXY-3016	Race, Crime & Criminal Justice	theoretical, conceptual, and practical issues in the study of 'race'; historical and cultural theories of 'race' to the study of crime and criminalisation; experiences of criminal justice by ethnic minorities	20

Diwinyddiaeth ac Astudiaethau Crefyddol Theology and Religious Studies			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
TXR-1106	Teaching Judaism and Islam	nature and significance of Islam or Judaism in their historical and contemporary settings;	30
TXD-3073	Christianity and the	ethical challenges posed by the rapid growth of science and technology to traditional Christian	20

Diwinyddiaeth ac Astudiaethau Crefyddol Theology and Religious Studies			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
	World	standpoints; Christianity and Third World moral issues.	
TXR-2075	Buddhism: Belief and Practice	Buddhism	10

CYFADRAN ADDYSG **FACULTY OF EDUCATION**

Addysg Education			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
SCP-3006	Polisi Cymdeithasol a Phlant Social and children's policies	Polisi Cymdeithasol a Phlant Social policies, Children's policies	10
XAC/XAS- 3027*	Y Plentyn a'i Amgylchedd" / The Child and its environment	issues of environment; sustainable development; amgylcheddol a datblygiad cynaladwy;	10
XAC/XAS- 3016	Ethnigrwydd mewn addysg / Ethnicity in Education	Hil, hiliaeth, addysg, dinasyddiaeth fyd-eang race, racism, education, global citizenship	10

Hyfforddiant ac Addysg Gychwynnol Athrawon

Mae Addysg ar gyfer Datblygu Cynaliadwy a Dinasyddiaeth Fyd-Eang wedi'i sefydlu ar draws yr holl gyrsiau ar gyfer Hyfforddiant ac Addysg Gychwynnol Athrawon, yn cynnwys y BA (Addysg) gyda SAC, BSc Dylunio a Thechnoleg gyda SAC, a chysiau TAR.

Initial Teacher Education and Training

Education for Sustainable Development and Global Citizenship is embedded across all courses for Initial Teacher Education and Training, including the BA (Education) with QTS, BSc Design and Technology with QTS, and PGCE courses.

Dysgu gydol Oes Lifelong Learning			
Modiwl Module	Teitl Title	Geiriau Allweddol Key words	Credydau Credits
YHE-3700	Heelian philosophy	Citizenship; war and international order; the End of History debate	

Undergraduate Degree courses

Modules which deal with global issues and sustainable development occur in many UWB degree courses and graduates from *all* disciplines will benefit from having a broad understanding of the issues.

However, some degree courses place particular emphasis on these issues. The following are examples:

Cyrsiau israddedig

Mae modiwlau sy'n ymdrin â materion byd-eang a datblygu cynladwy i'w cael mewn llawer o gyrsiau gradd PCB ac mae graddedigion o bob disgyblaeth yn manteisio trwy gael dealltwriaeth gyffredinol o'r materion hyn.

Fodd bynnag, mae rhai cyrsiau gradd yn rhoi pwyslais neilltuol ar y materion hyn. Mae'r canlynol yn rai enghreifftiau:

Amaethyddiaeth a Choedwigaeth / Agriculture and Forest Sciences

Conservation & Forest Ecosystems
World Agriculture
Environmental Science

Rural Resource Management
Environmental Conservation
Forestry and Forest Products

Cemeg / Chemistry

Environmental Chemistry

Gwyddorau Biolegol / Biological Sciences

Environmental Biology
Environmental Chemistry
Zoology with Conservation

Gwyddorau Eigion / Ocean Sciences

Environmental Forensics
Marine Environmental Protection
Coastal Water Resources

Sefydliad Gwyddor yr Amgylchedd / Institute of Environmental Sciences

Sustainable Development BA/BSc (traws-cwricwlaidd / interdisciplinary)

Cyfraith / Law

Law with Environmental Conservation

Gwyddorau Cymdeithas / Social Sciences

Gender Studies/Linguistics

Astudiaethau Rhanbarthol a Chymunedol / Business and Regional Development

Datblygiad Cymuned
Cynllunio a Rheolaeth yr amgylchedd
Daearyddiaeth
Rheolaeth Treftadaeth
Hamdden a'r amgylchedd
Rheolaeth Hamdden a Thwristiaeth

Community Development
Environmental Planning & Management
Geography
Heritage Management
Leisure & the Environment
Leisure and Tourism Management
Leisure & the Environment
Women's Studies/Sociology

**PRIFYSGOL CYMRU
BANGOR
POLISI CYNALADWYEDD**

**UNIVERSITY OF WALES
BANGOR
SUSTAINABILITY POLICY**

http://www.bangor.ac.uk/ies/Research/SD/sustainable_development.htm

Mae'n bosib y bydd y lleoliad hwn yn symud yn ystod y flwyddyn. Edrychwch am gyswllt *Polisiâu* ar brif dudalen y brifysgol.

It is possible that the location of this policy will move during the year. Look out for the link to *Policies* on the university's main page

Am y wybodaeth ddiweddaraf am yr hyn mae'r Brifysgol yn ei wneud i ddod yn sefydliad mwy cynaliadwy, edrychwch am hysbysiadau ar y Fewnrwyd.

For updates on what the university is doing towards becoming a more sustainable institution look out for notices on the Intranet.

CYMDEITHASAU MYFYRWYR

STUDENT SOCIETIES

Cysylltwch â / contact ccso@undeb.bangor.ac.uk

Cymdeithas Tsieineaidd
Clwb Gwobr Dug Caeredin
Crefyddau Daear
Y Gymdeithas Ddaearyddiaeth
Y Gymdeithas Helenaidd (Groegaidd)
Y Gymdeithas Indiaidd
Y Gymdeithas Japaneaidd
Y Gymdeithas Ladinaidd
Cymdeithas y Cenhedloedd Unedig
Cymdeithas Hawliau Anifeiliaid
Cyfeillion y Ddaear
Grŵp Amnest Bangor
Grŵp Merched
LHD
Geidiau a Sgotiaid Prifysgol Bangor

Chinese Society
Duke of Edinburgh Award Club
Earth Religions
Geography Society
Hellenic Society (Greek)
Indian Society
Japanese Society
Latino Society
United Nations Association
Animal Rights Society
Friends of the Earth
Bangor Amnesty Group
Women's Group
LGB
BUGS / Bangor University Guides and Scouts)

CYFLOEDD ERAILL

Arwain cyfoedion:

Helpu eich cyd-fyfrwyr a datblygu eich sgiliau personol a phroffesiynol yr un pryd, datblygu eich dealltwriaeth o PCB a chymryd mwy o ran yn ei gweithgareddau:

http://www.bangor.ac.uk/careers/peer_guide.html neu cysylltwch â peerguiding@bangor.ac.uk

Profiad Gwaith:

Sesiynau Blasu Gwaith Go Wales
Wales <http://www.bangor.ac.uk/careers/worktasters.html>

Myfyrwyr yn Gwirfoddoli:

Llawer o gyfleoedd i wirfoddoli yn y gymuned leol
<http://www.undeb.bangor.ac.uk/svbangor/cym/default.htm>

Gwirfoddoli:

<http://www.bangor.ac.uk/careers/volunteer/>
Digon o gyfleoedd : Chwiliwch yn ôl category

Grŵp Amlddiwylliannol Shekina i Ferched :

Mae 'Shekina' yn rhoi hyfforddiant, cymorth a chefnogaeth i berthnasau myfyrwyr rhyngwladol. Maent yn cynnal dosbarthiadau yn ystod y dydd a gyda'r nos mewn Technoleg Gwybodaeth,

OTHER OPPORTUNITIES

Peer-guiding:

Help your fellow students, develop your personal and professional skills, develop your understanding of, and become more involved in UWB.

http://www.bangor.ac.uk/careers/peer_guide.html or contact peerguiding@bangor.ac.uk

Work Experience:

Go Wales Work Tasters
<http://www.bangor.ac.uk/careers/worktasters.html>

Student Volunteering:

Lots of opportunities to volunteer in the local community
<http://www.undeb.bangor.ac.uk/svbangor/eng/>

Volunteering:

<http://www.bangor.ac.uk/careers/volunteer/>
Lots of opportunities: Search by category

Shekina Multicultural Women's Group:

'Shekina' provides training, help and support for the relatives of international students. They hold classes in Information Technology, English, Spanish, French and various holistic

Saesneg, Sbaeneg, Ffrangeg a gwahanol gyrsiau holistig eraill. Trwy ymuno â'r grŵp cymunedol lleol hwn am £5 a chofrestru â dosbarthiadau bydd gennych gyfle i gwrdd â merched lleol a rhyngwladol a gwneud ffrindiau â hwy.

Rhif ffôn cyswllt: (01248) 370515

Cyfeiriad: Shekina, 378 Stryd Fawr, Bangor

Agored: Dydd Llun i ddydd Gwener 10am-4pm

Cymwysterau Myfyrwyr Rhyngwladol

www.educationuk.org/shine

HOST UK – Lletygarwch i Fyfywyr Tramor

www.bangor.ac.uk/international/living/hostscheme.php

Cyrsiau Iaith Saesneg ar gyfer Myfyrwyr Tramor

Mae'r Ganolfan Iaith Saesneg (ELCOS) yn cynnal nifer owahanol ddbarthiadau nos. Codir tâl bychan am rai ohonynt. I gael mwy o wybodaeth ffoniwch 01248 382252 neu anfon e-bost at elcos@bangor.ac.uk

Gloywi iaith

Mae Canolfan Bedwyr yn darparu nifer o gyrsiau gloywi i'ch helpu i ddod yn fwy hyderus wrth ddefnyddio'r Gymraeg ar lafar ac yn ysgrifenedig.

http://www.bangor.ac.uk/ar/cb/cymraeg/gloywi_iaith.php

courses both during the day and evenings. By joining this local community group for £5 and signing up for classes you will have the opportunity to meet and make friends with local and international women.

Telephone Contact: (01248) 370515

Address: Shekina, 378 High Street, Bangor

Open: Monday to Friday 10am-4pm

International Student Awards

www.educationuk.org/shine

HOST UK - Hospitality for Overseas Students

www.bangor.ac.uk/international/living/hostscheme.php

English Language Courses for Overseas Students

The English Language Centre (ELCOS) runs a number of different evening classes, for some of which a small charge is made. For more information please telephone 01248 382252 or email elcos@bangor.ac.uk.

Learn Welsh

Every year the Department of Lifelong Learning offers Welsh courses at all levels in the mornings, at lunchtimes and in the evenings across North Wales. The Department also offers one day schools and Summer/New Year Schools. EMail: DoLLEnquiries@bangor.ac.uk
<http://www.bangor.ac.uk/ced/wfa/index.htm>

Canolfan Bedwyr offers a number of Welsh-medium courses for those who wish to improve their written and spoken Welsh.

http://www.bangor.ac.uk/ar/cb/gloywi_iaith.php