



SETU

Ollscoil
Teicneolaíochta
an Oirdheiscirt

South East
Technological
University

UNDERGRADUATE PROSPECTUS 2026

setu.ie

	SE CODE	LEVEL	DURATION	CAO POINTS 2025	WORK PLACEMENT	STUDY ABROAD	LOCATION	PAGE
Business								
Business - Common Entry (Waterford)	SE400	8	4	273	Yes	Yes	Waterford	17
Economics & Finance	SE400	8	4	273	Yes	Yes	Waterford	18
Human Resource Management	SE400	8	4	273	Yes	Yes	Waterford	18
Management	SE400	8	4	273	Yes	Yes	Waterford	19
Accounting	SE400	8	4	273	Yes	Yes	Waterford	19
Marketing	SE400	8	4	273	Yes	Yes	Waterford	20
Business	SE415	7	3	206	Yes	Yes	Waterford	20
Business - Common Entry (Carlow)	SE401	8	4	260	Yes	Yes	Carlow	21
Marketing	SE401	8	4	260	Yes	Yes	Carlow	22
International Business	SE401	8	4	260	Yes	Yes	Carlow	22
Supply Chain Management	SE401	8	4	260	Yes	Yes	Carlow	23
Management	SE401	8	4	260	Yes	Yes	Carlow	23
Human Resource Management	SE401	8	4	260	Yes	Yes	Carlow	24
Accounting & Finance	SE401	8	4	260	No	No	Carlow	24
Business - Common Entry (Carlow)	SE414	7	3	211	Yes	Yes	Carlow	21
Marketing	SE414	7	3	211	Yes	Yes	Carlow	22
International Business	SE414	7	3	211	Yes	Yes	Carlow	22
Supply Chain Management	SE414	7	3	211	Yes	Yes	Carlow	23
Management	SE414	7	3	211	Yes	Yes	Carlow	23
Human Resource Management	SE414	7	3	211	Yes	Yes	Carlow	24
Business - Common Entry (Wexford)	SE402	8	4	328	Yes	Yes	Wexford	25
Business	SE402	8	4	328	Yes	Yes	Wexford	26
Digital Marketing	SE402	8	4	328	Yes	Yes	Wexford	26
Business - Common Entry (Wexford)	SE416	7	3	179	Yes	Yes	Wexford	25
Business	SE416	7	3	179	Yes	Yes	Wexford	26
Digital Marketing	SE416	7	3	179	Yes	Yes	Wexford	26
Business	SE420	6	2	152	No	No	Waterford	27
				152	No	Yes	Carlow	
				152	No	No	Wexford	
Accounting	SE407	8	3	319	No	No	Carlow	28
Accounting	SE408	8	3	308	Yes	No	Waterford	28
Digital Marketing with Analytics	SE411	8	4	290	Yes	Yes	Carlow	29
Digital Marketing with Analytics	SE418	7	3	258	Yes	Yes	Carlow	29
Marketing & Digital Media	SE410	8	4	300	Yes	Yes	Waterford	30
International Business	SE412	8	4	290	Yes	Yes	Waterford	30
Business Information Systems	SE413	8	4	319	Yes	Yes	Waterford	31
Fashion Buying & Retail Management	SE419	7	3	206	Yes	Yes	Waterford	31
Business with Law	SE403	8	4	271	Yes	Yes	Carlow	32
Business with Law	SE421	6	2	262	No	Yes	Carlow	32

	SE CODE	LEVEL	DURATION	CAO POINTS 2025	WORK PLACEMENT	STUDY ABROAD	LOCATION	PAGE
Sport Management								
Recreation & Sport Management	SE906	8	4	272	Yes	Yes	Waterford	34
Recreation & Sport Management	SE933	7	3	202	Yes	Yes	Waterford	34
Sport, Business & Coaching	SE910	8	4	308	Yes	Yes	Carlow	35
Sport, Business & Coaching	SE932	7	3	252	Yes	Yes	Carlow	35
Sports Management & Coaching (Gaelic Games)	SE907	8	4	*	Yes	Yes	Carlow	36
Sport Coaching & Business Management (GAA)	SE929	7	3	*	Yes	Yes	Carlow	36
Sports Management & Coaching (Rugby)	SE908	8	4	*	Yes	Yes	Carlow	37
Sport Coaching & Business Management (Rugby)	SE930	7	3	*	Yes	Yes	Carlow	37
Sports Management & Coaching (Football)	SE909	8	4	*	Yes	Yes	Carlow	38
Sport Coaching & Business Management (Football)	SE931	7	3	*	Yes	Yes	Carlow	38
Sport Science								
Exercise Sciences - Common Entry	SE902	8	4	280	Yes	Yes	Waterford	40
Sport & Exercise Science	SE902	8	4	280	Yes	Yes	Waterford	41
Nutrition & Exercise Science	SE902	8	4	280	Yes	Yes	Waterford	41
Health & Exercise Science	SE902	8	4	280	Yes	Yes	Waterford	42
Sports Coaching & Performance	SE904	8	4	280	Yes	Yes	Waterford	42
Sport Rehabilitation & Athletic Therapy	SE901	8	4	487	Yes	Yes	Carlow	43
Physiology & Health Science	SE936	6	2	440	No	No	Carlow	43
Strength & Conditioning	SE903	8	4	340	Yes	Yes	Carlow	44
Sport & Exercise Sciences	SE905	8	4	433	No	Yes	Carlow	44
Public Health & Health Promotion	SE900	8	4	309	Yes	Yes	Waterford	49
Nursing, Health & Psychology								
General Nursing	SE915	8	4	409	Yes	Yes	Waterford	46
Psychiatric Nursing	SE914	8	4	326	Yes	No	Waterford	46
Intellectual Disability Nursing	SE916	8	4	309	Yes	Yes	Waterford	47
Health Sciences - Common Entry	SE900	8	4	309	Yes	Yes	Waterford	48
Public Health & Health Promotion	SE900	8	4	309	Yes	Yes	Waterford	49
Applied Health Care	SE900	8	4	309	Yes	Yes	Waterford	49
Applied Health Care	SE928	7	3	226	Yes	No	Waterford	50
Psychology	SE205	8	3	433	No	Yes	Waterford	50
Biomedical Electronics	SE709	8	4	288	Yes	Yes	Carlow	68
Biomedical Electronics	SE727	7	3	356	No	Yes	Carlow	68

Disclaimer: All courses and information listed are subject to change. Please see SETU.ie for updates.

* Entry through a combination of leaving cert points, portfolio and interview.

	SE CODE	LEVEL	DURATION	CAO POINTS 2025	WORK PLACEMENT	STUDY ABROAD	LOCATION	PAGE
Architecture								
Architecture	SE701	8	5	409	Yes	Yes	Waterford - Granary	52
Architectural & Building Information Modelling Technology	SE703	8	4	308	Yes	Yes	Waterford - Granary	52
Architectural Technology	SE702	8	4	331	Yes	Yes	Carlow	53
Architectural Technology	SE717	7	3	289	Yes	Yes	Carlow	53
Architectural Technology	SE716	7	3	238	Yes	Yes	Waterford - Granary	54
Built Environment								
Construction Management & Engineering	SE707	8	4	270	Yes	Yes	Waterford	56
Construction Management	SE706	8	4	300	Yes	Yes	Carlow	56
Construction Management	SE726	7	3	261	Yes	Yes	Carlow	57
Civil Engineering	SE713	8	4	444	No	Yes	Carlow	58
Civil Engineering	SE719	7	3	219	No	Yes	Carlow	58
Sustainable Energy Engineering	SE700	8	4	307	Yes	Yes	Waterford	63
Sustainable Civil Engineering	SE700	8	4	307	Yes	Yes	Waterford	64
Quantity Surveying	SE704	8	4	283	Yes	Yes	Waterford	59
Quantity Surveying	SE705	8	4	312	Yes	Yes	Carlow	59
Engineering								
Aerospace Engineering	SE714	8	4	462	Yes	Yes	Carlow	61
Aircraft Systems	SE729	7	3	410	No	Yes	Carlow	61
Engineering - Common Entry	SE700	8	4	307	Yes	Yes	Waterford	62
Automation Engineering	SE700	8	4	307	Yes	Yes	Waterford	63
Sustainable Energy Engineering	SE700	8	4	307	Yes	Yes	Waterford	63
Sustainable Civil Engineering	SE700	8	4	307	Yes	Yes	Waterford	64
Electronic Engineering	SE700	8	4	307	Yes	Yes	Waterford	64
Electrical Engineering	SE700	8	4	307	Yes	Yes	Waterford	65
Electrical Engineering	SE720	7	3	216	Yes	No	Waterford	65
Electronic Engineering	SE708	8	4	299	Yes	Yes	Carlow	66
Electronic Engineering	SE722	7	3	242	No	No	Carlow	66
Electronic Engineering	SE721	7	3	215	Yes	No	Waterford	67
Electronic Engineering	SE730	6	2	443	No	No	Waterford	67
Civil Engineering	SE713	8	4	444	No	Yes	Carlow	58
Civil Engineering	SE719	7	3	219	No	Yes	Carlow	58
Biomedical Electronics	SE709	8	4	288	Yes	Yes	Carlow	68
Biomedical Electronics	SE727	7	3	356	No	Yes	Carlow	68
Robotics & Automated Systems	SE710	8	4	309	Yes	Yes	Carlow	69
Robotics & Automated Systems	SE728	7	3	271	No	Yes	Carlow	69
Mechanical Engineering	SE711	8	4	433	Yes	Yes	Carlow	70
Mechanical Engineering	SE724	7	3	368	Yes	Yes	Carlow	70

	SE CODE	LEVEL	DURATION	CAO POINTS 2025	WORK PLACEMENT	STUDY ABROAD	LOCATION	PAGE
Engineering (continued)								
Mechanical & Manufacturing Engineering	SE712	8	4	272	Yes	Yes	Waterford	71
Mechanical Engineering	SE723	7	3	204	Yes	No	Waterford	71
Mechanical Engineering	SE731	6	2	200	Yes	No	Waterford	72
Manufacturing Engineering	SE725	7	3	322	Yes	No	Waterford	72
Agricultural Systems Engineering	SE732	8	4	313	Yes	Yes	Carlow	73
Agricultural Systems Engineering	SE733	7	3	263	Yes	Yes	Carlow	73
Media, Design & Music								
TV & Media Production	SE208	8	4	311	Yes	Yes	Carlow	75
TV & Media Production	SE212	7	3	270	Yes	Yes	Carlow	75
Public Relations & Media	SE409	8	4	276	Yes	Yes	Carlow	76
Public Relations & Media	SE417	7	3	202	Yes	Yes	Carlow	76
Content Creation and Social Media	SE300	8	4	308	Yes	Yes	Carlow	77
Content Creation and Social Media	SE301	7	3	224	Yes	Yes	Carlow	77
Product Design Innovation	SE202	8	4	252	Yes	Yes	Carlow	78
Design	SE209	7	3	308	Yes	Yes	Carlow	78
Visual Communications & Design	SE204	8	4	235	No	Yes	Wexford	79
Visual Communications & Design	SE210	7	3	214	No	Yes	Wexford	79
Design (Visual Communications)	SE201	8	4	301	Yes	No	Waterford - College Street	80
Visual Art	SE203	8	4	271	No	Yes	Waterford - College Street	80
Art	SE207	8	4	**	No	Yes	Wexford - Hill Street	81
Art	SE211	7	3	**	No	Yes	Wexford - Hill Street	81
Music Audition	SE206	8	4	282	No	Yes	Waterford - College Street	82
Law								
Law (LLB)	SE404	8	4	325	No	Yes	Waterford - College Street	84
Law (LLB)	SE405	8	3	300	No	No	Carlow	84
Criminal Justice Studies	SE406	8	3	287	No	Yes	Waterford - College Street	85
Legal Studies	SE422	6	2	220	No	No	Waterford	85
Legal Studies	SE423	6	2	204	No	No	Carlow	86

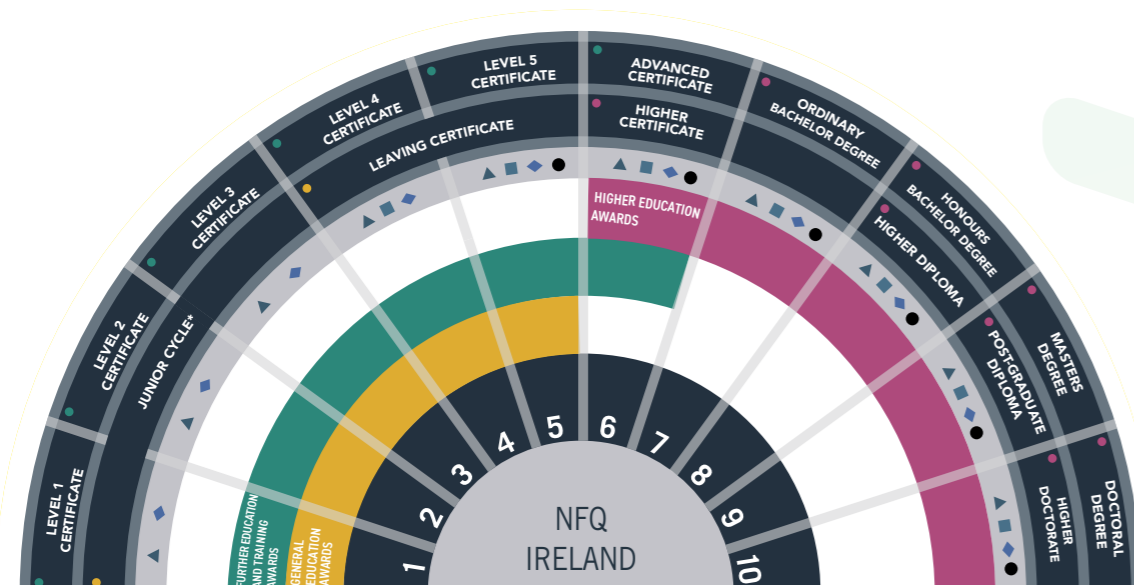
** Entry through a combination of leaving cert points and portfolio.

	SE CODE	LEVEL	DURATION	CAO POINTS 2025	WORK PLACEMENT	STUDY ABROAD	LOCATION	PAGE
Early Years Education								
Early Childhood Education & Practice	SE913	8	4	297	Yes	Yes	Carlow	88
Early Childhood Education & Practice	SE912	8	4	249	Yes	Yes	Wexford	88
Early Childhood Education & Practice	SE935	7	3	213	Yes	Yes	Carlow	88
Early Childhood Education & Practice	SE934	7	3	AQA	Yes	Yes	Wexford	88
Early Childhood Care & Education	SE911	8	4	270	Yes	No	Waterford - College Street	89
Arts, Home Economics & Social Studies								
Arts	SE200	8	3	AQA	No	Yes	Waterford	91
Home Economics	SE214	8	3	NEW COURSE	No	Yes	Waterford	91
Social Care Practice	SE919	8	4	260	Yes	No	Waterford - College Street	92
Applied Social Care	SE927	7	3	188	Yes	No	Waterford - College Street	92
Professional Social Care Practice	SE918	8	4	260	Yes	No	Carlow	93
Professional Social Care Practice	SE926	7	3	188	Yes	No	Carlow	93
Applied Social Studies in Professional Social Care	SE917	8	4	280	Yes	No	Wexford	94
Social Science	SE920	8	3	310	No	Yes	Waterford	94
Hospitality, Tourism & Culinary Arts								
Hospitality Management	SE921	8	4	288	Yes	Yes	Waterford	96
Tourism & Hospitality Services	SE924	7	3	260	Yes	Yes	Waterford	96
Tourism and Event Management	SE922	8	4	473	Yes	Yes	Wexford	97
Tourism and Event Management	SE925	7	3	288	Yes	Yes	Wexford	97
Culinary Arts	SE923	8	4	253	Yes	Yes	Waterford	98
Culinary Arts	SE938	6	2	169	Yes	No	Waterford	98
Science								
Pharmacy	SE525	9	5	NEW COURSE	Yes	No	Waterford	100
Pharmaceutical Science	SE504	8	4	289	Yes	Yes	Waterford	100
Science - Common Entry (Waterford)	SE501	8	4	308	Yes	Yes	Waterford	101
Molecular Biology with Biopharmaceutical Science	SE501	8	4	308	Yes	Yes	Waterford	102
Food Science & Innovation	SE501	8	4	308	Yes	Yes	Waterford	102
Physics for Modern Technology	SE501	8	4	308	Yes	Yes	Waterford	103
Pharmaceutical Science	SE501	8	4	308	Yes	Yes	Waterford	103
Science - Common Entry (Carlow)	SE500	8	4	279	Yes	Yes	Carlow	104
Biosciences with Biopharmaceuticals	SE500	8	4	279	Yes	Yes	Carlow	105
Pharmaceutics & Drug Formulation	SE500	8	4	279	Yes	Yes	Carlow	105
Brewing & Distilling	SE500	8	4	279	Yes	Yes	Carlow	106

AQA: All Qualified Applicants

	SE CODE	LEVEL	DURATION	CAO POINTS 2025	WORK PLACEMENT	STUDY ABROAD	LOCATION	PAGE
Science (continued)								
Brewing & Distilling	SE521	8	4	370	Yes	Yes	Carlow	106
Applied Microbiology	SE519	8	4	312	No	Yes	Carlow	107
Applied Microbiology	SE520	7	3	268	No	Yes	Carlow	107
Science - Common Entry (Waterford)	SE512	7	3	285	Yes	No	Waterford	108
Food Science	SE510	7	3	336	Yes	Yes	Waterford	109
Pharmaceutical Science	SE511	7	3	223	No	No	Waterford	109
Molecular Biology with Biopharmaceutical Science	SE514	7	3	269	No	No	Waterford	110
Analytical Science	SE513	7	3	359	Yes	Yes	Carlow	111
Biosciences	SE515	7	3	233	No	Yes	Carlow	111
Science - Applied Biology or Applied Chemistry	SE516	6	2	290	Yes	Yes	Carlow	112
Pharmacy Technician Studies	SE937	6	2	200	Yes	Yes	Carlow	112
Veterinary, Agriculture, Horticulture & Forestry								
Veterinary Medicine	SE526	8	5	NEW COURSE	Yes	No	Waterford	114
Agricultural Science	SE502	8	4	381	Yes	Yes	Waterford	114
Agriculture	SE529	8	4	NEW COURSE	Yes	Yes	Waterford	115
Agriculture	SE508	7	3	315	Yes	Yes	Waterford	115
Sustainable Farm Management & Agribusiness - Common Entry (Wexford)	SE503	8	4	280	Yes	Yes	Wexford	116
Sustainable Farm Management & Agribusiness	SE503	8	4	280	Yes	Yes	Wexford	117
Sustainable Farm Management & Agribusiness	SE509	7	3	252	Yes	Yes	Wexford	117
Organic Agriculture	SE503	8	4	280	Yes	Yes	Waterford	117
Organic Agriculture	SE509	7	3	252	Yes	Yes	Waterford	117
Horticulture	SE528	8	4	NEW COURSE	Yes	Yes	Waterford - Kildalton	118
Horticulture	SE506	7	3	217	Yes	Yes	Waterford - Kildalton	118
Horticulture	SE507	7	3	206	Yes	Yes	Dublin - National Botanic Gardens	119
Forestry	SE527	8	4	NEW COURSE	Yes	Yes	Waterford	120
Forestry	SE505	7	3	271	Yes	Yes	Waterford	120

	SE CODE	LEVEL	DURATION	CAO POINTS 2025	WORK PLACEMENT	STUDY ABROAD	LOCATION	PAGE
Computing								
Computer Science - Common Entry	SE600	8	4	309	Yes	Yes	Waterford	122
Automotive & Automation Systems	SE600	8	4	309	Yes	Yes	Waterford	123
Cloud & Networks	SE600	8	4	309	Yes	Yes	Waterford	123
Computer Forensics & Security	SE600	8	4	309	Yes	Yes	Waterford	124
Internet of Things	SE600	8	4	309	Yes	Yes	Waterford	124
Game Development	SE600	8	4	309	Yes	Yes	Waterford	125
Information Technology Management	SE601	8	4	309	Yes	Yes	Carlow	126
Information Technology Management	SE614	7	3	290	Yes	Yes	Carlow	126
Information Technology	SE613	7	3	204	Yes	Yes	Waterford	127
Computer Forensics & Security	SE602	8	4	309	Yes	Yes	Waterford	127
Cyber Crime & IT Security	SE606	8	4	309	Yes	Yes	Carlow	128
Cyber Crime & IT Security	SE612	7	3	244	No	Yes	Carlow	128
Software Development	SE603	8	4	318	Yes	Yes	Carlow	129
Software Development	SE609	7	3	244	Yes	Yes	Carlow	129
Software Systems Development	SE604	8	4	320	Yes	Yes	Waterford	130
Software Systems Development	SE610	7	3	224	Yes	Yes	Waterford	130
Creative Computing	SE605	8	4	336	Yes	Yes	Waterford	131
Creative Computing	SE611	7	3	222	Yes	Yes	Waterford	131
Computing in Interactive Digital Art & Design	SE608	8	4	321	Yes	Yes	Carlow	132
Computing in Interactive Digital Art & Design	SE615	7	3	228	Yes	Yes	Carlow	132
Computer Games Development	SE607	8	4	308	Yes	Yes	Carlow	133
Computer Games Programming	SE618	7	3	308	Yes	Yes	Carlow	133
Computing - Applications or Programming	SE616	6	2	216	No	Yes	Carlow	134



National Framework of Qualifications (NFQ)

CONTENTS

Undergraduate course list	1 - 6
National Framework Qualifications (NFQ)	6
Welcome / Fáilte	8
SETU - Campus Locations	9
Admissions	10
Student Support Services	12
Sport, Clubs and Societies	14
COURSES	
Business	16
Sport Management	33
Sport Science	39
Nursing, Health & Psychology	45
Architecture	51
Built Environment	55
Engineering	60
Media, Design & Music	74
Law	83
Early Years Education	87
Arts, Home Economics & Social Studies	90
Hospitality, Tourism & Culinary Arts	95
Science	99
Veterinary, Agriculture, Horticulture & Forestry	113
Computing	121
Tertiary Degree Programmes and Apprenticeships	135
Schools' Liaisons Team	136



Welcome

Welcome to South East Technological University (SETU). As President of SETU, I am delighted to invite you to explore our undergraduate courses and all that our University has to offer.

SETU is young and vibrant technological university with huge ambitions for our students, our community, and our region.

With over 18,000 students and 1,500 staff across campuses in Carlow, Waterford, and Wexford, we offer an array of courses that span apprenticeships to PhDs – designed to meet the needs of a dynamic and evolving world.

Our research-led curriculum includes over 140 courses, designed in partnership with industry. At SETU, you'll learn by doing— through hands-on projects, practical labs, international study opportunities and work placements that prepare you for success in your careers.

SETU is making significant progress in its infrastructure across our campuses. We recently commenced construction on a new engineering building in Waterford and a science building in Carlow, with exciting plans being developed for our Wexford campus and for the former Waterford Crystal site.

We are also very proud to announce a major milestone for the 2026-2027 academic year. SETU was selected to offer two new degree programmes - Bachelor of Veterinary Medicine (MVB) and Master of Pharmacy (MPharm). The award of these prestigious programmes reflect SETU's growing expertise in agricultural and life sciences and mark a transformative step for education provision in the region. Additionally, we will add Home Economics; Politics and

Society, and Geography, Environment and Sustainability options to the Bachelor of Arts programme, and launch a new BA (Honours) in Home Economics, with the first intake set for September 2026.

This prospectus offers a wonderful starting point to your journey of discovery. It provides an overview of SETU's undergraduate courses capturing an extensive range of disciplines from science to humanities and business to engineering. I encourage you to explore these courses by visiting us on our open days and signing up for our TRY events. These on-campus activities will give you a real sense of life at SETU and the vibrant community that awaits you.

Your college years are some of the most exciting of your life; finding out who you are and what you want to be in your future career. At SETU, we are committed to fostering an inclusive and supportive environment where every student – regardless of background – can thrive. We believe that diversity enriches the learning experience and empowers all individuals to reach their potential, both academically and personally.

Choosing a university is about much more than choosing a course - it's about finding a place that will challenge you, ignite your curiosity and support you to become the very best version of yourself. It's about finding a place for you. This prospectus is here to guide your decision as you take the next steps in your educational journey.

I wish you every success in choosing your college course.

Thank you for considering SETU, I hope that we can be part of your story.

Professor Veronica Campbell
SETU President

Fáilte

Fáilte go dtí Ollscoil Teicneolaíochta an Oirdheiscirt (SETU). Mar Uachtarán SETU, Tá an - áthas orm cuireadh a thabhairt duit iniúchadh a dhéanamh ar ár gcúrsaí fochéime agus gach a bhfuil á thairiscint ag SETU.

Is ollscoil teicneolaíochta óg, bhríomhar í SETU a bhfuil uailmhianta ollmhóra aici dár mic léinn, dár bpobal agus dár réigiún. Tá breis is 18,000 mac léinn agus 1,500 ball foirne againn ar fud na gcampas i gCeatharlach, i bPort Láirge agus i Loch Garman, agus cuirimid réimse cúrsaí ar fáil lena n-áirítear printíseachtaí chomh maith le PhDanna, cúrsaí atá go léir deartha chun freastal ar riachtanais an domhain atá ag athrú agus ag teacht chun cinn.

Cuimsíonn ár gcuraclam faoi threoir taighde os cionn 140 cúrsa atá ceaptha i gcomhpháirtíocht leis an tionscal. Ag SETU, foghlaimíodh tú trí bheith ag déanamh - trí thionscailí theagmhálacha, saotharlanna praiticiúla, deiseanna staidéir idirnáisiúnta agus socrúcháin oibre a ullmhaíonn tú chun go n - éireoidh libh i bhur ngairmréimeanna.

Tá dul chun cinn suntasach á dhéanamh ag SETU ina bhonneagar ar fud ár gcampas. Chuireamar tús le déanaí le foirgneamh innealtóireachta nua a thógáil i bPort Láirge agus le foirgneamh eolaíochta i gCeatharlach. Tá pleananna spreagúla á bhforbairt dár gcampas Loch Garman agus d'iar - shuíomh Chríostal Phort Láirge.

Táimid an - bhródúil freisin a chur in iúl go bhfuil cloch mhíle mhór i gceist don bhliain acadúil 2026-2027. Roghnaíodh SETU chun dhá chlár céime nua a thairiscint - Baitsiléir Míochaine Tréidliachta (MVB) agus Máistir Cógaisíochta (MPharm). Léiríonn bronnadh na gclár iomráiteach seo saineolas SETU sa talmhaíocht agus sna heolaíochtaí beatha atá ag méadú, agus is céim bhunathraitheach í don soláthar oideachais sa réigiún. Ina theannta sin, cuirimid Eacnamaíocht Bhaile; Polaitíocht agus Sochaí, agus roghanna Tíreolaíochta, Comhshaoil agus Inbhuanaitheachta

leis an gclár Baitsiléir Ealaíon, agus seolfaimid BA (Onóracha) nua san Eacnamaíocht Bhaile. Cuirfidh an chéad iontógáil tús leis i mí Mheán Fómhair 2026.

Is pointe tosaigh iontach é an t-eolaire seo le d'aistear fionnachtana. Tugann sé forbheathnú ar chúrsaí fochéime SETU ina léirítear réimse fhairsing disciplíní ó eolaíocht go léann daonna agus ó ghnó go hinnealtóireacht. Molaim duit iniúchadh a dhéanamh ar na cúrsaí seo trí cuairt a thabhairt orainn ar ár laethanta oscailte agus clárú dár n - imeachtaí TRY. Tabharfaidh na gníomhaíochtaí ar an gcampas seo fíorbhlaiseadh den saol ag SETU duit, agus den phobal bríomhar a bheidh romhat.

Tá na blianta sa choláiste ar chuid de na blianta is iontaí i do shaol; gheobhaidh tú amach cé tú féin agus cé a bheidh ionat i do ghairm bheatha amach anseo. Ag SETU, táimid tiomanta do thimpeallacht chuimsitheach, thacúil a chothú inar féidir le gach mac léinn – beag beann ar chúla – rath a bhaint amach. Creidimid go saibhrionn éagsúlacht an t-eispeireas foghlama agus go gcuireann sí ar chumas gach duine a n - acmhainneacht a bhaint amach, go hacadúil agus go pearsanta.

Baineann i bhfad níos mó le hollscoil a roghnú ná cúrsa a roghnú - baineann sé le háit a aimsiú a chuireann dúshlán fút, a lasann d'fhiosracht agus a thacaíonn leat a bheith ar an leagan is fearr diot féin. Baineann sé le háit a aimsiú duit. Tá an réamheolaire seo anseo chun do chinneadh a threorú agus tú ag glacadh na chéad chéimeanna eile ar d'aistear oideachais.

Guím gach rath ort agus do chúrsa coláiste á roghnú agat.

Go raibh maith agat as smaoinemh ar SETU. Tá súil agam gur féidir linn a bheith mar chuid de do scéal.

An tOllamh Veronica Campbell
Uachtarán SETU



Ollscoil
Teicneolaíochta
an Oirdheiscirt
South East
Technological
University

SOUTH EAST TECHNOLOGICAL UNIVERSITY

MULTIPLE CAMPUSES, ONE UNIVERSITY

SETU is the only university in the south east of Ireland with nine campuses for undergraduate and postgraduate study in Carlow, Waterford and Wexford.



Carlow

Kilkenny Road Campus
South Sports Campus

Wexford

Summerhill Road Campus
Hill Street Campus

Cork Road Campus
College Street Campus
West Campus
Granary Campus
Applied Technology Campus

setu.ie

Admissions

Applying to SETU

Applicants seeking admission to first year of a full-time undergraduate course must apply through the Central Applications Office (CAO). International applications should be made directly to the University.

Key CAO dates

Wednesday, 5 November 2025	CAO applications open
Tuesday, 20 January 2026	Discounted application closes
Sunday, 1 February 2026	Initial CAO application deadline
Friday, 1 May 2026	Late application deadline
Wednesday, 1 July 2026	Change of Mind deadline
August 2026	First round of CAO offers*

*Further offers may be made in subsequent rounds if all places are not filled following the first round offers.

Standard application

Applicants that are using the following entry route are considered standard applicants;

- Leaving Certificate or QQI FET / FETAC Certificate examinations results to meet the minimum entry requirements
- No previous third level education (in institutes of technology, universities, colleges of education, colleges of art and design, or their equivalents abroad)
- Not a mature applicant (23 years of age on 1 January of the year of entry).

The University awards points for results in LCVP

Entry requirements for Honours Bachelor Degrees (Level 8)

This link module can be used in place of a sixth Leaving Certificate subject and will be accepted as meeting the six subject eligibility requirements for entry to honours degree courses.

Entry requirements for Ordinary Bachelor Degree (Level 7) and Higher Certificate (Level 6)

The LCVP link module can also be used in place of a fifth Leaving Certificate subject and will be accepted as meeting the five subject eligibility requirements for entry to ordinary bachelor degree and higher certificate courses.

GRADE	POINTS
Distinction	66
Merit	46
Pass	28

Applicants with disabilities

The University welcomes DARE applicants. DARE applicants need to complete their CAO applications by 1 February of the year of entry and submit all relevant documentation.

For more information on applying to DARE, visit: www.accesscollege.ie

Non-standard application

A non-standard application is one that does not meet the definition of a standard application.

The special categories are:

- GCE/GCSE
- Other school leaving exams
- NCVA Level 2/3
- FETAC Level 5/6
- Further Education (other than QQI)
- Mature
- Higher/Third Level Education

Applicants wishing to make a non-standard application must select the relevant category when applying to the CAO.

Mature Student Applications

A mature student is someone who is at least 23 years of age on 1 January of the year of entry to an undergraduate course and who may not meet the normal admission requirements. Applications are made through the CAO before the 1 February or before late application deadline of 1 May 2025. Applicants are assessed based on the information they enter on their CAO application. **Note:** You must apply for nursing and music courses by 1 February 2025.

Selection Process – Nursing Applications

Mature applicants for nursing courses will receive correspondence under separate cover from the Nursing Careers Centre (Public Appointments Service - PAS). For full details on the application process see www.nursingcareers.ie.

Mature Applicant – Change of Mind

The Change of Mind facility becomes available after 1 May and the closing date is 1 July. The Change of Mind facility affords mature applicants an opportunity to change the order of preference only of their course choices. If applicants introduce a new programme to their list of choices by way of Change of Mind, they will compete for a place on that programme based on their Leaving Certificate or equivalent results only. They will not compete as a mature applicant.

QQI-FET (FETAC)

Students who have completed a full QQI-FET award at Level 5, and achieved at least three distinctions, are eligible to apply through CAO for entry to Year 1 on to Level 6, 7 and 8 courses. Students who have completed a full QQI-FET award at Level 6 may be eligible to enter Year 2.

The maximum possible points awarded through QQI-FET is 390. The scoring system only applies where all of the requirements for the major award are met i.e. where the named component awards specified have been achieved to a minimum of 120 credits.

Progression Scheme

The Progression Scheme is an additional opportunity for students who successfully complete a QQI FET Award in a partner Colleges of Further Education and Training College/Centre to gain entry to SETU programmes. The list of partner Further Education and Training Colleges/Centres, relevant SETU programmes, linked QQI FET Awards and the criteria for the scheme are available at www.setu.ie/progression.

Student Support Services

The Student Support Services team at SETU provide a range of student supports that are focused on helping students both during their transition to third level and throughout their time at SETU. They provide advice and support for students and act as a hub of resources, referrals, and information across the SETU community.

The support services also aim to make the University more accessible for those who traditionally may not have considered third level education as an option for them.

The supports and services provided include:

- Academic Supports
- Access Supports
- Careers Development Centre
- Chaplaincy and Pastoral Care
- Clubs and Societies
- Disability Support Service
- Financial assistance for students who are experiencing financial hardship (e.g. Student Assistance Fund)
- Health and Wellbeing
- Information Sessions
- Peer Mentoring
- First Year Transition and Orientation
- Student Counselling
- Student Engagement and Retention Initiatives
- Student Volunteering Opportunities



HEAR Scheme



SETU is a participating member of the HEAR scheme, offering a number of reduced points course places to HEAR eligible applicants who, as a result of socio-economic disadvantage, have experienced additional educational challenges in second level education. HEAR is for school leavers under the age of 23 years on 1 January in the year of entry, who are resident in the Republic of Ireland.

Mature and FET (Further Education and Training) students have their SETU admissions routes and should contact the University Admissions office for more information. Applications to HEAR can only be made online through cao.ie.

For more information on applying to HEAR visit: www.accesscollege.ie

Carlow and Wexford Campuses:

hear.CW@setu.ie

Waterford Campus:

hear.WD@setu.ie

Student Assistance Fund

Full-time and part-time registered students who are experiencing financial difficulty whilst attending college are eligible to apply to the Student Assistance Fund (SAF). Students can apply for SAF to help them with either temporary or ongoing financial difficulties. For further information please see: www.studentfinance.ie

DARE Programme



SETU is a member of the Disability Access Route to Education (DARE) and has reserved a number of reduced points course places for DARE applicants. DARE is a third level alternative admissions scheme for school-leavers whose disabilities have had a negative impact on their second level education. DARE offers reduced points places through the CAO to school leavers who, as a result of having a disability, have experienced additional educational challenges in second level education.

For more information on applying to DARE visit: www.accesscollege.ie

Support for Students with Disabilities

The Disability Support Service provides supports to students with a range of disabilities including but not limited to, physical disabilities, sensory disabilities, specific learning difficulties, mental health difficulties, significant ongoing illness, neurological conditions, developmental co-ordinator disorder, ADD/ADHD and Autism Spectrum Disorder (ASD). In order to avail of supports, students must register with the Disability Office and provide evidence of disability. Students who register with the disability office are provided with a needs assessment through which supports are approved. Supports are varied and can include for example assistive technology, learning support, examination accommodations etc. Supports are funded through the HEA under the Fund for Students with Disabilities. For further information and appointments email:

Carlow and Wexford Campuses:

disabilityoffice.CW@setu.ie

Waterford Campus:

disabilityoffice.WD@setu.ie



Sport, Clubs and Societies

At South East Technological University, sport is an integral part of the culture. The role of Sport at SETU is to create an inclusive environment that helps to support students and the wider community in pursuit of their health and wellbeing, competitive and performance sports goals and ambitions.

There is a huge diversity of activities to choose from with over 100 sports clubs and societies operating across the Carlow, Waterford and Wexford campuses, catering for all standards from national and international athletes to the individual who

would like to try a new activity, join a group, or increase their social circle while enjoying their time at SETU.

Sports scholarships



Sports and societies



Waterford Campus

Sports: sport.wd@setu.ie

Societies: societies.wd@setu.ie

Carlow Campus

Sports: sport.cw@setu.ie

Societies: societies.cw@setu.ie



Rachel McGrath
Law Society

Choosing to study Law at SETU was the best decision I could have made. With smaller classes and supportive lecturers, I always felt part of a close-knit community. Living nearby made it convenient, but it was the friendships, societies, and student life that really shaped my experience. Reviving the Law Society gave me confidence, leadership skills, and opportunities that will help me in my future career as a barrister.

Rachel's story



Kate Hickey
SETU Sport Scholarship Athlete

I chose to study Early Childhood Education at SETU because it let me stay in Waterford while pursuing a degree I'm passionate about. The supportive lecturers, practical placements, and strong community made settling in easy. Basketball has been a huge part of my journey—I captained SETU's women's team and proudly represented Ireland. Balancing sport and studies, supported by a Sports Scholarship, has helped me grow as both a student and an athlete.

Kate's story



BUSINESS



COMMON ENTRY

Business (Waterford)

COURSE CODE	STREAMS	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
SE400	Economics & Finance Human Resource Management Management Accounting Marketing	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Corinne Power O'Mahony EdD E: corinne.power-omahony@setu.ie

About the course

This four year full-time course offers students a broad range of business skills combined with a thorough knowledge of the financial and economic environment in which firms operate. The first two years are common and then students choose to specialise in one of the following five streams: Economics & Finance, HRM, Management, Accounting or Marketing, for the final two years.

Career opportunities

Graduates from this programme have gone on to pursue a wide variety of careers, including careers in marketing, human resource management, accounting, consulting, banking and finance. A graduate of this degree will be suitable to take up a position at a junior/ middle management level in many types of business organisations ranging from small family businesses to multi-national corporations.

Year 1 Modules

Semester 1

Intro to Financial Accounting 1
Microeconomics 1
Intro to Statistics
Organisational Behaviour
Intro to Management
*One elective**

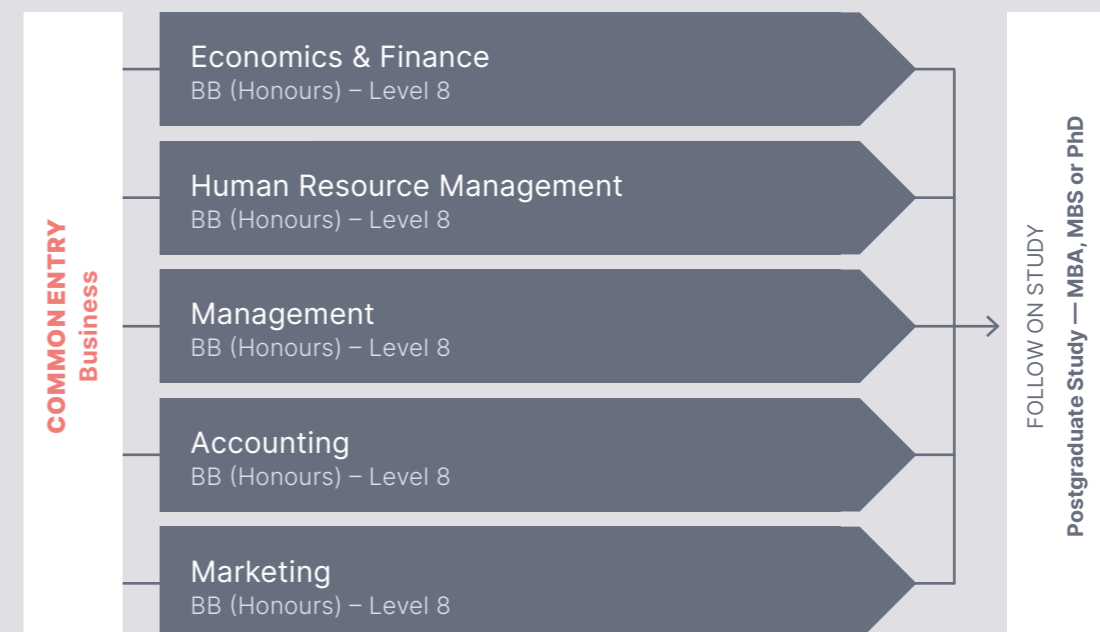
Semester 2

Intro to Financial Accounting 2
Microeconomics 2
Business & Financial Maths
Intro to Human Resource Management
Enterprise
*One elective**

* The full list of each semester's elective subject options is available on the relevant course page of our website.



Business — COMMON ENTRY Streams



COMMON ENTRY — Bachelor of Business (Honours) Economics & Finance

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE400	Round 1: 273	SE400 (Level 8) Business (Common Entry)	Dr Cormac O'Keeffe PhD E: cormac.okeeffe@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

The Economics and Finance stream on the BBS (Honours) programme provides students with the opportunity to specialise in Economics and Finance for the final two years of their degree, taking modules such as Financial Economics, Economic Policy Issues, and Investments. The stream applies economics and finance concepts to key contemporary issues such as Brexit, Crypto currencies, and economic crises. Students are given the opportunity of testing theories on real-world data. The stream provides



students with skills that are hugely in demand in the market place. It provides a great

platform for postgraduate studies, with many past graduates undertaking the Economics and Finance stream of the MBS degree in SETU and several have continued their studies and obtained a PhD qualification.

Career opportunities

- Economic Policy Advisory Services
- Derivatives Trader
- Investment Analyst
- Policy Analyst
- Teaching
- Senior Custody Administrator
- Policy, investment or claims analyst
- Relationship Banker
- Underwriter.

Year 3 Modules

Semester 1

Applied Quantitative Analysis
Business Finance
Applied Finance
International Economics
Managerial Economics
*One elective**

Semester 2

*One elective**
International Placement
Work Placement
Start Up Lab
Teaching Skills

* The full list of each semester's elective subject options is available on the relevant course page of our website.



COMMON ENTRY — Bachelor of Business (Honours) Management

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE400	Round 1: 273	SE400 (Level 8) Business (Common Entry)	Ann Marie Kelly MBS E: annmarie.kelly@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

The Management stream is designed to enable students to develop a broad set of conceptual, technical and interpersonal skills required to manage efficiently and effectively in a global business environment. This stream has been developed to respond to current industry skills needs. The stream offers students the scope and opportunity to enhance their management development capabilities and facilitate improvements in management practices within companies. There are significant employment and promotion opportunities at management level.



Career opportunities

- Teaching
- Business Analyst
- Project Manager
- Customer Relations Manager
- Financial Planner
- Business Operations Manager
- Business Development Manager
- Small Business Owner
- Procurement/Product/Quality/ Sustainability/Supply Chain Manager.

Graduates with a Bachelor of Business (Honours) in Management award are also entitled to exemptions from many of the leading professional management bodies.

Year 3 Modules

Semester 1

Applied Quantitative Analysis
Financial Management
Leadership & Problem Solving
Managing Quality & Continuous Improvement
Supply Chain Management
*One elective**

Semester 2

*One elective**
International Placement
Work Placement
Start Up Lab
Teaching Skills

* The full list of each semester's elective subject options is available on the relevant course page of our website.



COMMON ENTRY — Bachelor of Business (Honours) Human Resource Management

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE400	Round 1: 273	SE400 (Level 8) Business (Common Entry)	Anne Marie McGrath MBS E: annemarie.mcgrath@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

The Human Resource Management stream offers a professional qualification that develops the skills, knowledge and competencies required of Human Resource Professionals today. The course is accredited by the Chartered Institute of Personnel and Development (CIPD). The stream covers all areas of human resource management (HRM), employee development, employee wellbeing and employment relations developing links with HRM and the broader business environment.



The modules balance practical Human Resource Management skills that can be applied

in the everyday operational role of Human Resource professionals and developing strategic competencies.

Career opportunities

- HR Administrators
- HR Generalists and HR Managers
- Recruitment Consultants
- Trainers and Training
- Development Managers
- Benefits Managers
- HR Consultants · Health and Safety Officer
- Teaching.

Professional Body Exemptions

- CIPD (Chartered Institute of Personnel & Development)
- IITD (Irish Institute of Training and Development).

Year 3 Modules

Semester 1

Applied Quantitative Analysis
Financial Management
Design & Deliver Training
Principles of Employment Law
Resources & Talent Planning
*One elective**

Semester 2

*One elective**
International Placement
Work Placement
Start Up Lab
Teaching Skills

* The full list of each semester's elective subject options is available on the relevant course page of our website.



COMMON ENTRY — Bachelor of Business (Honours) Accounting

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE400	Round 1: 273	SE400 (Level 8) Business (Common Entry)	Clare Kearney FCA E: clare.kearney@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

Accounting provides students with the opportunity to specialise in accounting subjects for the final two years of their degree. Accounting prepares students for careers in professional accounting, but can also provide opportunities to specialise in financial services and teaching. Professional accountants are in constant demand in the workplace. New skills and roles are emerging for accountants in areas such as sustainability reporting and data analytics. This stream is best suited to students who are reasonably analytical and comfortable with numbers.



Career opportunities

- Auditor (Accounting practice)
- Fund Accountant (Financial Services)
- Finance Manager/ Financial Controller (Industry accountant)
- Taxation advisor
- Financial consultant
- Teacher
- Further Education
- Other

Professional Body Exemptions

Chartered Accounting Ireland (ACA), Certified Public Accountants (CPA), the Association of Certified Chartered Accountants (ACCA) and the Chartered Institute of Management Accountants (CIMA).

Year 3 Modules

Semester 1

Applied Quantitative Analysis
Business Finance
Company Law 1
ERP System Skills
Intermediate Financial Reporting 1
*One elective**

Semester 2

*Chose one elective**
International Placement
Work Placement
Start Up Lab
Teaching Skills

* The full list of each semester's elective subject options is available on the relevant course page of our website.



COMMON ENTRY — Bachelor of Business (Honours) Marketing

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE
Waterford	SE400	Round 1: 273	SE400 (Level 8) Business (Common Entry)
	LEVEL 8	COURSE DURATION 4 YEARS	

STREAM LEAD
Dr Ethel Claffey PhD E: ethel.claffey@setu.ie

About the course

The Bachelor of Business (Honours) Marketing stream prepares students for employment in marketing related positions in the digital age. The modules are designed to develop the knowledge and skills required in a marketing professional. The programme includes lab work, seminars, case studies and live projects that provide the competencies required to be a successful marketer. It also uses an innovative blend of real-world situations and problems to assist participants in exploring the



opportunities of the digital environment. This stream also serves as a pathway to further studies (through

Masters and PhD programmes) and to professional accreditation (such as the Marketing Institute of Ireland).

Career opportunities

- Advertising
- Brand Management and Digital Branding
- Digital Marketing
- Marketing Research
- Sports Sponsorship
- Sales Management
- Customer Relationship Management
- Marketing Communications and Public Relations
- Teaching
- International Marketing Management.

Year 3 Modules

- Semester 1**
Applied Quantitative Analysis
Financial Management
Digital Marketing Planning
Marketing Research & Analytics
The Changing Consumer
*One elective**
- Semester 2**
International Placement/Work Placement/Start Up Lab/Teaching Skills

* The full list of each semester's elective subject options is available on the relevant course page of our website.



COMMON ENTRY Business (Carlow)

COURSE CODE	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
SE401 (Level 8)	Level 8: 2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Aileen Farrell MSc E: aileen.farrell@setu.ie
SE414 (Level 7)	Level 7: 5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	

About the course

Our Common Entry Business course is a popular choice for students who are interested in business but are unsure which specific career path they wish to pursue. In the first two years, all students follow a shared curriculum that provides a strong foundation across core business subjects. After completing Year 2, students select their preferred area of specialisation from the list of available streams. Years 3 and Year 4, if applicable, are then dedicated to deepening expertise in the chosen stream.

SETU's Bachelor of Business (Honours) (SE401) is also available as a tertiary degree

programme in partnership with Laois and Offaly Education and Training Board. Full details of this pathway can be found on inside back cover.

Career opportunities

Both the Bachelor of Business and Bachelor of Business (Honours) programmes equip students with a versatile set of business skills, preparing them for a wide range of career opportunities.

Students will receive expert guidance from academic staff throughout their studies, helping them to make informed career choices based on their interests and performance across various business disciplines.

Year 1 Modules

- Semester 1**
IT for Business
Business Financial Accounting 1
Quantitative Techniques 1
Microeconomics
Introduction to Management Theory
Communications and Academic Writing
- Semester 2**
Management in Action
Business Financial Accounting 2
Quantitative Techniques 2
Macroeconomics
Data Analysis for Business 1
Business Psychology 1

* The full list of each semester's elective subject options is available on the relevant course page of our website.

Level 8



Level 7



Bachelor of Business Business

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE415	Round 1: 206	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Fiona Ryan MBSI E: fiona.eaderyan@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

The Bachelor of Business is a three year degree that provides students with specialised knowledge across a wide range of business areas.

The degree focuses on developing student knowledge in critical areas of business studies in conjunction with developing interpersonal and communication skills that are necessary in today's business environment.



Career opportunities

- Trainee management
- Junior management in any of the main business functions and across all industry and services sectors
- Progress to other courses such as Bachelor of Business (Honours) Year 4.

Year 1 Modules

- Semester 1**
Personal, Professional & Academic Skills 1
Fundamentals of Accounting 1
Maths for Business
Introductory Microeconomics 1
Management
- Semester 2**
Personal, Professional & Academic Skills 2
Fundamentals of Accounting 2
Statistics for Business
Intro to Macroeconomics 1
Intro to Organisational Behaviour



Business — COMMON ENTRY Streams



COMMON ENTRY — Bachelor of Business (Honours) or Bachelor of Business Marketing

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Carlow	SE401 (Level 8)	L8: 260 L7: 211	SE401 (Level 8) or SE414 (Level 7) Business (Common Entry)	Charlene McDonough MBS E: charlene.mcdonough@setu.ie
	SE414 (Level 7)	COURSE DURATION L8: 4 YEARS L7: 3 YEARS		

About the course

Choosing our Marketing degree gives you a core business qualification with a specialisation in Marketing. Our modules focus on sales & retail; digital marketing & advertising; international marketing & services; event management & sustainability; market research & consumer psychology; brand management & new product. Along with work placement & study abroad options, plus our project based assessment approach, this is an exciting & flexible degree.



Career opportunities

With over 30 years of graduates working locally, nationally & globally, we have a proven record for producing career-ready graduates. A career in Marketing gives opportunities to work in multinationals, local enterprises, political parties, charities, sporting organisations and small businesses and includes diverse disciplines such as: advertising; sales; brand design; customer psychology; market research; product development & digital marketing. For a career where every day is different, choose Marketing.

Year 3 Modules

Semester 1
Consumer Psychology & Behaviour
Integrated Marketing
Communications
Business Finance
Market & Customer Insights
*Plus one elective**

Semester 2
Work Placement or
Study Semester Abroad or
Marketing Internship Project
*Plus three electives**

* The full list of each semester's elective module options is available on the relevant course page of our website.



COMMON ENTRY — Bachelor of Business (Honours) or Bachelor of Business Supply Chain Management

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Carlow	SE401 (Level 8)	L8: 260 L7: 211	SE401 (Level 8) or SE414 (Level 7) Business (Common Entry)	Larry Banville FCCA E: larry.banville@setu.ie
	SE414 (Level 7)	COURSE DURATION L8: 4 YEARS L7: 3 YEARS		

About the course

Supply Chain is the management of any combination of processes, functions, activities, relationships, and pathways along which products, services, information, and financial transactions move in and between enterprises. It also involves any, and all, movement of these from original producer to the ultimate end-user or consumer. Doing all of the above in a sustainable and environmentally friendly way is now a key supply chain consideration.



Career opportunities

Graduates of this course will find career opportunities with many sectors in a variety of roles including: Supply Chain Manager; Operations Manager; Retail Manager, Distribution Manager; Procurement Manager; Logistics Manager and Consultancy.

Supply Chain is at the forefront of the Internet of Things and therefore presents many opportunities for those with an interest in technology.

Year 3 Modules

Semester 1
Operations Management for Supply Chain
Business Finance
Inventory and Materials Management
ERP System Applications
Purchasing and Supplier Management

Semester 2
Work Placement or
Study Semester Abroad or
Business Internship Project
*Plus three electives**

* The full list of each semester's elective module options is available on the relevant course page of our website.



COMMON ENTRY — Bachelor of Business (Honours) or Bachelor of Business International Business

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Carlow	SE401 (Level 8)	L8: 260 L7: 211	SE401 (Level 8) or SE414 (Level 7) Business (Common Entry)	Dr Sharon Harris-Byrne PhD E: sharon.harrisbyrne@setu.ie
	SE414 (Level 7)	COURSE DURATION L8: 4 YEARS L7: 3 YEARS		

About the course

Culture, language, political systems, geography, finance and socio-economic factors all shape and influence business and must be understood by organisations wishing to operate in a global marketplace.

An international business degree equips students with the skills to manage people, diversity in culture, and ways of conducting business in a diverse marketplace.



Career opportunities

An international business degree provides flexible career opportunities, allowing graduates to work with global companies or domestic firms involved in international trade. Typical roles include marketing, sales and customer service management, many progressing from local to global operations.

Double Degree

The BA (Honours) in International Business Double Degree partners with Hochschule Hannover, offering students a year abroad. To earn the double degree, students must complete credits at both universities and finish their final year at home.

Year 3 Modules

Semester 1
International Business Culture
Organisational Behaviour 1
Business Finance
Global Market Assessment and Selection
*One elective**

Semester 2
Study Semester Abroad or
Business Internship Project
*Plus two electives**
Organisational Behaviour 2
Global Marketing Strategy
Business English 2
Global Supply Chain Management



COMMON ENTRY — Bachelor of Business (Honours) or Bachelor of Business Management

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Carlow	SE401 (Level 8)	L8: 260 L7: 211	SE401 (Level 8) or SE414 (Level 7) Business (Common Entry)	Caroline Murphy MSc E: caroline.murphy@setu.ie
	SE414 (Level 7)	COURSE DURATION L8: 4 YEARS L7: 3 YEARS		

About the course

Business touches almost every aspect of modern human society and careers in business are diverse and often highly paid.

In the Business Management option, Year 3 students study specialist subjects in more detail, including: business research methods; organisational behaviour; operations management; business finance and international business. Additional specialist subjects can be chosen,



depending on the student's area of interest.

Career opportunities

Graduates will be equipped with the knowledge, skills and competencies demanded in a modern business environment.

Career opportunities include: the creative world of advertising and design; the commercial world of sales and building market share; the technological side of web design, SEO and SEM, and the analytical use of data to devise successful marketing strategies.

Year 3 Modules

Semester 1
Organisational Behaviour 1
Operations Management for Business
Business Finance
*Three electives**

Semester 2
Work Placement or
Study Semester Abroad or
Business Internship Project
*Plus three electives**

* The full list of each semester's elective module options is available on the relevant course page of our website.



COMMON ENTRY — Bachelor of Business (Honours) or Bachelor of Business Human Resource Management



LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Carlow	SE401 (Level 8)	L8: 260 L7: 211	SE401 (Level 8) or SE414 (Level 7) Business (Common Entry)	Dr John Trehy PhD E: john.trehy@setu.ie
	SE414 (Level 7)	COURSE DURATION L8: 4 YEARS L7: 3 YEARS		

About the course

Human Resource Management (HRM), is the function within an organisation that focuses on managing people. The objective is having the right people in the right place at the right time. The HRM function deals with recruiting and selecting employees, appraising their performance, deciding what rewards are appropriate, providing suitable training and development opportunities, and providing mechanisms for reducing and avoiding conflicts.

Managing people is challenging and the course assists with building a work environment where employees are more motivated.

Career opportunities

A business degree in HRM is internationally recognised and offers a passport for graduates to work globally. Careers in HRM include: generic HR management, specialist HR roles such as HR recruitment; training and learning coordinator; talent manager; HR leadership; organisational and change coordinator. Graduates may find employment in the private or public sector across all industries including: banking; education; retail and manufacturing.



Year 3 Modules

- Semester 1**
Contemporary Issues In HRM
People Management Functions
Employment Law for HRM 1
Organisational Behaviour 1
Applied HRM 1
*One elective**
- Semester 2**
Work Placement or
Study Semester Abroad or
Business Internship Project
*Plus three electives**

* The full list of each semester's elective module options is available on the relevant course page of our website.



COMMON ENTRY Business (Wexford)

COURSE CODE	ENTRY REQUIREMENTS	PROGRAMME DIRECTORS
SE402 (Level 8)	Level 8: 2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Veronica Kelly , PhD E: veronica.kelly@setu.ie Owen Brady , MBA E: owen.brady@setu.ie
SE416 (Level 7)	Level 7: 5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	

About the course

Our Bachelor of Business (Honours) and Bachelor of Business courses equip students with a broad business skill-base, ensuring graduates will have a wide range of career options. The first two years of this course provide students with a foundation in business which allows students time to explore key subjects and future career choices open to graduates in the different specialism streams. After two years, students separate into one of the two streams of study.

Career opportunities

Graduates gain employment in financial services, including the funds sector, management roles in retail, marketing and administration as well as business computing. Graduates of the digital stream have specialised digital marketing skills.

Year 1 Modules

- Semester 1**
Academic and Professional Skills
Digital Skills
Statistics and Forecasting
Microeconomics
Introduction to Management
- Semester 2**
Customer Service in Practice
Digital Skills
Investment Maths
Macroeconomics
Managing an Enterprise
Fundamentals of Financial Accounting

Level 8



Level 7



COMMON ENTRY — Bachelor of Business (Honours) Accounting & Finance

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Carlow	SE401	Round 1: 260	SE401 (Level 8) Business (Common Entry)	Tracy Byrne MSc, FCMA E: tracy.byrne@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

Accounting focuses on the day-to-day management of financial reports and records, while finance uses this same information to project future growth and to analyse expenditure in order to strategise company finances.

Combining these areas gives an overview of financial strategy and control, while providing focus on professional principles and processes used in order to manage numbers.

Career opportunities

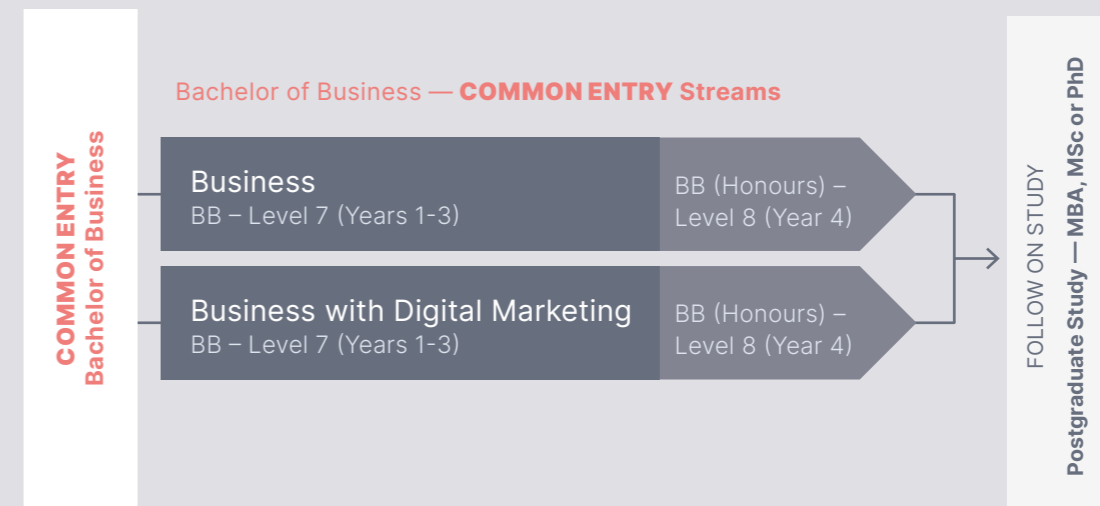
Graduates will be equipped to work in the areas of:

- Chartered Accountant
- Chartered Certified Accountant
- Chartered Management Accountant
- Certified Public Accountant
- Investment Banker
- Retail Banker
- Tax Adviser.



Year 3 Modules

- Semester 1**
Financial Reporting 1
Cost Accounting
Income Tax
Commercial/Corporate Law for Accountants 1
Information Systems 1
*One elective**
Operations Management for Business
Managerial Economics
- Semester 2**
Financial Reporting 2
Management Accounting 1
Business Tax for Self-Employed and VAT
Corporate Finance in Accounting
Commercial/Corporate Law for Accountants 2
Information Systems 2



COMMON ENTRY — Bachelor of Business (Honours) or Bachelor of Business Business

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Wexford	SE402 (Level 8)	L8: 328 L7: 179	SE402 (Level 8) or SE416 (Level 7) Bachelor of Business (Common Entry)	Dr Veronica Kelly PhD E: veronica.kelly@setu.ie
	SE416 (Level 7)	COURSE DURATION L8: 4 YEARS L7: 3 YEARS		

About the course

This course is structured around four key pillars - management, finance and economics, business technology and marketing - with opportunities to explore areas of interest from Year 3. The course aims to enable graduates to work as part of a team, engaging in applied research projects, combining creativity, innovation and strategic thinking.

Career opportunities

The course aims to produce graduates who can undertake roles in the areas of enterprise development, financial services, education, public sector, financial management, accountancy, marketing (including digital marketing/ analytics).

Alternatively, graduates can pursue a range of Level 9 masters programmes or professional qualifications, such as accountancy.

Year 3 Modules

Semester 1

Marketing Management
Financial Management
Digital Marketing
Business Research Methods
*One elective**

Semester 2

Placement Preparation and Practice

* The full list of each semester's elective module options is available on the relevant course page of our website.



Higher Certificate in Business Business

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE420 (CWB) L6	Round 1: 152	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Aileen Farrell, MSc (Carlow) E: aileen.farrell@setu.ie Sinead O'Keefe, MBS (Waterford) E: sinead.okeefe@setu.ie Ann Ryan, MBS (Waterford) E: ann.ryan@setu.ie Dr Veronica Kelly, PhD (Wexford) E: veronica.kelly@setu.ie
Waterford	SE420 (WBS) L6	Round 1: 152		
Wexford	SE420 (XBS) L6	Round 1: 152		

About the course

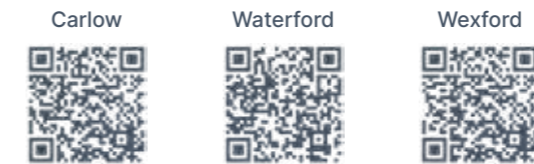
The Higher Certificate in Business equips students with a broad skill-base, ensuring graduates will have a wide range of career options. The course covers core subjects including: Financial Accounting; Economics; Management; Business Applications; Human Resources; Marketing and Business Law.

The Higher Certificate in Business is available on all three SETU campuses. Please note, there are some variations

in the modules of the certificate on each campus.

Career opportunities

- Trainee management
- Junior management in any of the main business functions and across all industry and services sectors
- Graduates can progress to study other academic degree courses.



COMMON ENTRY — Bachelor of Business (Honours) or Bachelor of Business Business with Digital Marketing

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Wexford	SE402 (Level 8)	L8: 328 L7: 179	SE402 (Level 8) or SE416 (Level 7) Bachelor of Business (Common Entry)	Dr Veronica Kelly, PhD E: veronica.kelly@setu.ie Owen Brady, MBA E: owen.brady@setu.ie
	SE416 (Level 7)	COURSE DURATION L8: 4 YEARS L7: 3 YEARS		

About the course

The discipline of marketing is going through deep changes because of technology disruption. This change has borne new roles and areas of expertise collectively known as 'Digital Marketing'.

Organisations are adapting across the marketing lifecycle, in product conception to development, in advertising to selling and after-sales.

Career opportunities

Graduates of this course are suited to all areas of business and management that apply to graduates of our standard business degree.

Graduates with the digital marketing specialism have career opportunities in digital marketing, social media marketing, digital product management, online sales, online customer experience (CX), user experience (UX), digital advertising, search advertising and search engine optimisation.

Year 3 Modules

Semester 1

Marketing Management
Digital Marketing
Business Research Methods
Operations Management
Digital Media Design

Semester 2

Placement Preparation and Practice



Bachelor of Arts (Honours) Accounting

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE407	Round 1: 319	2 subjects: H5 4 subjects: O6/H7 English: O6/H7 Mathematics: O6/H7	Tracy Byrne MSc, FCMA E: tracy.byrne@setu.ie
	LEVEL 8	COURSE DURATION 3 YEARS		

About the course

Accounting is a vital part of any organisation's operations. Accountants provide essential information and advice to help a business make the right financial decisions.

Accounting careers typically involve analysing and utilising financial information to evaluate a business's financial position. This can involve anything from basic bookkeeping to managing income statements and statements of financial position.



Career opportunities

Graduates may take professional accountancy exams and qualify as a professional accountant. This course attracts generous exemptions from Chartered Accountants Ireland (CAI), the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants (CIMA) and the Institute of Certified Public Accountants in Ireland (CPA). Accounting degree graduates are in high demand in accountancy firms, industry, financial services and the public sector. Graduates may also pursue a career in post-primary teaching following a period of further study.

Year 1 Modules

- Semester 1**
- Fundamental Financial Accounting 1
 - Microeconomics
 - Quantitative Techniques 1
 - Accounting Law 1
 - Management 1
 - Communications
- Semester 2**
- Fundamental Financial Accounting 2
 - Macroeconomics
 - Quantitative Techniques 2
 - Accounting Law 2
 - Management 2
 - Computer Applications

Bachelor of Science (Honours) Digital Marketing with Analytics

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE411	Round 1: 290	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Denise Earle PhD E: denise.earle@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

This course allows students to explore the customer and commercial focus of marketing, the creativity of design and digital technology, and the analytical world of data, all of which are essential to successful marketing. The course will develop creative and problem solving skills.

An emphasis on professional practice, client company projects and a semester-long work placement or study abroad option provides a stimulating learning environment.



Career opportunities

Digital Marketing is essential in: entrepreneurial start-ups and high-tech multinationals; sporting governing bodies and charitable not-for-profits; private industry and public services.

Careers include: the creative world of advertising and design, the commercial world of sales, the technological side of web design and SEO, and the analytical use of data to devise successful marketing strategies.

Year 1 Modules

- Semester 1**
- Information Technology 1
 - Introduction to Data Analysis for Digital Marketing
 - Professional Writing & Research in the Digital Age
 - Intro to Digital Marketing
 - Fundamentals of Marketing
 - Intro to Digital Media Design
- Semester 2**
- Data Analysis for Digital Marketing
 - Information Technology 2
 - Intro to Finance for Marketing
 - Social Media Marketing
 - Contemporary Marketing Practice
 - Creative Digital Media



Bachelor of Arts (Honours) Accounting

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE408	Round 1: 308	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Paul Treacy ACA E: paul.treacy@setu.ie
	LEVEL 8	COURSE DURATION 3 YEARS		

About the course

The BA (Honours) in Accounting is a three year degree course that prepares students mainly for careers in accountancy, but can also provide graduates with opportunities in financial services and teaching.

The course attracts extensive exemptions from Chartered Accountants Ireland (ACA), the Association of Chartered Certified Accountants (ACCA) and the Chartered Institute of Management Accountants (CIMA).



Career opportunities

Graduates of the BA (Honours) in Accounting may work in business or as trainee accountants or teachers following further study.

To qualify as a professional accountant the graduate may opt to study for the accountancy examinations of one of the main accounting bodies while working in the accounting area.

Year 1 Modules

- Semester 1**
- Intro to Financial Accounting 1
 - Intro to Management
 - Microeconomics 1
 - Costing
 - Professional Written Communication
 - Statistics & Mathematics
- Semester 2**
- Intro to Financial Accounting 2
 - Microeconomics 2
 - Management Accounting Techniques
 - IT Skills for Accountants
 - HRM in a Business Environment
 - Organisational Behaviour



Bachelor of Science Digital Marketing with Analytics

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE418	Round 1: 258	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Denise Earle PhD E: denise.earle@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

This course allows students to explore the customer and commercial focus of marketing, the creativity of design and digital technology, and the analytical world of data, all of which are essential to successful marketing.

An emphasis on professional practice, client company projects and a semester-long work placement or study abroad option provides a stimulating learning environment.



Career opportunities

Digital Marketing is essential in: entrepreneurial start-ups and high-tech multinationals; sporting governing bodies and charitable not-for-profits; private industry and public services.

Careers include: the creative world of advertising and design, the commercial world of sales, the technological side of web design and SEO, and the analytical use of data to devise successful marketing strategies.

Year 1 Modules

- Semester 1**
- Information Technology 1
 - Introduction to Data Analysis for Digital Marketing
 - Professional Writing & Research in the Digital Age
 - Intro to Digital Marketing
 - Fundamentals of Marketing
 - Intro to Digital Media Design
- Semester 2**
- Data Analysis for Digital Marketing
 - Information Technology 2
 - Intro to Finance for Marketing
 - Social Media Marketing
 - Contemporary Marketing Practice
 - Creative Digital Media



Bachelor of Arts (Honours) Marketing & Digital Media

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE410	Round 1: 300	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Denis Harris MBA E: denis.harris@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Marketing and Digital Media focuses on how businesses communicate directly with customers using websites, mobile phone apps and social media. The course encompasses all the social media platforms that connect organisations to customers, as they strive to meet changing customer needs.

The BA (Honours) in Marketing & Digital Media prepares students for employment in Digital Marketing roles.



Career opportunities

The career opportunities are many and varied and these would include social media marketing, digital marketing, advertising, sponsorship, public relations, web design and development, marketing research, brand management, sales, purchasing and direct marketing.

Year 1 Modules

Semester 1
Digital Media 1
IT & Communication Skills 1
Principles of Marketing
Intro to Management
Intro to Statistics
Market Pricing

Semester 2
IT & Communication Skills 2
Social Media Technologies
Macroeconomic Environment
Marketing Mix
Marketing Communications
Organisational Behaviour



Bachelor of Business (Honours) Business Information Systems (BIS)

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE413	Round 1: 319	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Aidan Duane PhD E: aidan.duane@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Digital transformation connects technologies to create business value including IoT, AI, ML, Data Analytics and Visualisation, DLTs and Cloud Computing.

Digital transformation is at the core of the four year BIS degree, developing graduates with high-level technology skills and business knowledge which can be applied across all industry sectors in Ireland and internationally.



Career opportunities

BIS graduates are highly prized and highly remunerated by employers globally.

Career paths across all industries include: Business Analyst, Systems Analyst, Programmer, Project Manager, Data Analytics, Financial Analytics, Web Development, Blockchain and Distributed Ledger Technologies, IT Support and Administration, Disruptive Business Modelling, and Business IT/ Management Consultancy.

Year 1 Modules

Semester 1
Programming for BIS Professionals 1
Business Information Systems
Business Research & Communication Skills
Intro to Management
Intro to Statistics
Intro to Financial Accounting 1

Semester 2
Programming for BIS Professionals 2
Intro to Financial Accounting 2
Business & Financial Maths Enterprise
Intro to Web Design
Business Systems Analysis



Bachelor of Arts (Honours) International Business

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE412	Round 1: 290	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Jennifer Hennessy PhD E: jennifer.hennessy@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

The BA (Honours) in International Business is a four year programme that prepares students to live and work in an international and multicultural environment.

The course provides a broad business education as well as building the knowledge, skills and sensitivities to work effectively in a multicultural world. The third year of the programme involves a mandatory International Placement.



Career opportunities

Graduates from this programme have gone on to pursue a wide

variety of careers, including careers in marketing, human resources, accounting, consulting, teaching, banking and finance.

Graduates are suited to the demands of both multinational, and small and medium-sized enterprises.

Double degree

The BA (Honours) in International Business has co-developed a Double Degree (Bachelor of Business Administration) with Munich UAS in Germany. A student may apply to complete the Double Degree while in second year of the course and would then spend their International Placement in Munich, before returning to complete their final year in SETU.

Year 1 Modules

Semester 1
Intro to Management
Intro to International Business
Intro to Statistics
Economies of the Market
IT & Communications Skills 1
*One elective**

Semester 2
International Business
Organisational Behaviour
Business & Financial Maths
Macroeconomic Environment
IT & Communications Skills 2
*One elective**

* The full list of each semester's elective subject options is available on the relevant course page of our website.



Bachelor of Science Fashion Buying & Retail Management

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE419	Round 1: 206	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Ms Ann Ryan E: ann.ryan@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

The BSc in Fashion Buying & Retail Management is a full-time three year degree programme, combining class-based training with practical assignments.

Throughout the course, students study fashion buying, fashion retailing ecommerce and excel along with general business subjects and retail management modules. The course features work placement and an international field trip to a fashion capital.



Career opportunities

- Fashion Buyer
- Fashion Retail Manager
- All Retail Managerial positions
- Fashion Influencer
- Visual Merchandising
- Merchandising roles in Buying
- Office Logistics
- Sales/key account Manager Roles
- Office Manager.

Year 1 Modules

Semester 1
Intro to Fashion Buying & Retail Management
The Fashion Retail Manager Personal, Professional and Academic Skills 1
Excel
Market Pricing for Retail & Services

Semester 2
Retail Marketing Personal, Professional & Academic Skills 2
Retail Consumer
Macro Business Environment
Statistics and Data Analytics



Bachelor of Business (Honours) Business with Law

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE403	Round 1: 271	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Myles Kelly FCA E: myles.kelly@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Historically, the disciplines of business and law have been closely associated. In the global economy, businesses deal with complex issues concerning government regulations and international trade policies.

Equally, the law has to contend with constantly evolving commercial organisations and business practices. With the expansion of the legal profession into areas of mergers and taxation, the skills of business and legal graduates have merged in many aspects.



Career opportunities

Graduates will be qualified to work as fully-trained legal executives or can also pursue careers in law, banking stockbroking, marketing, supply chain, finance, human resource management, journalism, property management, taxation, accounting and many other areas.

Year 1 Modules

Semester 1
IT for Business 1
Business Financial Accounting 1
Quantitative Techniques 1
Microeconomics
The Irish Legal System 1
Intro to Law & Legal Research 1

Semester 2
Intro to Law & Legal Research 2
Business Financial Accounting 2
Quantitative Techniques 2
Macroeconomics
Data Analysis for Business 1
The Irish Legal System 2



SPORT MANAGEMENT



Higher Certificate in Business Business with Law

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE421	Round 1: 262	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Myles Kelly FCA E: myles.kelly@setu.ie
	LEVEL	COURSE DURATION		
	6	2 YEARS		

About the course

Historically, the disciplines of business and law have been closely associated. In the global economy, businesses deal with complex issues concerning government regulations and international trade policies.

This course introduces students to essential business areas and fundamental legal studies. With the expansion of the legal profession into areas of mergers and taxation, the skills of business and legal graduates have merged in many aspects.



Career opportunities

Graduates will be qualified to work as fully-trained legal executives or can also pursue careers in law, banking stockbroking, marketing, supply chain, journalism, property management, taxation, accounting and many other areas.

Year 1 Modules

Semester 1
IT for Business 1
Business Financial Accounting 1
Quantitative Techniques 1
Microeconomics
The Irish Legal System 1
Intro to Law & Legal Research 1

Semester 2
Intro to Law & Legal Research 2
Business Financial Accounting 2
Quantitative Techniques 2
Macroeconomics
Data Analysis for Business 1
The Irish Legal System 2

Bachelor of Business (Honours) Recreation & Sport Management



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE906	Round 1: 272	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Deirdre Barry, MA E: deirdre.barry@setu.ie Donna Dunne, MA E: donna.dunne@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

This is a four year honours degree which provides students with the necessary knowledge and skills to work in the wider sport, leisure, recreation and business industries.

Modules are common in Years 1 and 2 and students get to choose specialist module streams in Year 3 and 4.

This course is for someone who loves sport but allows them to discover which avenue of sport they would like to explore.



Career opportunities

- Sports development
- National governing bodies of sport
- Local sports partnerships
- Sport management
- Fitness instruction
- Business industry positions (e.g. sports marketing, public relations, social media, digital marketing, event management)
- Leisure management
- Coaching & athlete support
- Special populations - youth at risk, older adults, people with disabilities.

Year 1 Modules

Semester 1
Communication Skills for College & Work
IT & Research skills
Intro to Sports Business Practice
Intro to Sport & Exercise Science
Sports Studies
Sports Pedagogy 1 (sports skills)

Semester 2
Human Resource Management in Recreation & Sport Organisation
Principles of Marketing
Physiology for Sport & Exercise
Sociology of Sport
Recreation Planning
Sports Pedagogy 2 (sports skills)



Bachelor of Arts (Honours) Sport, Business & Coaching

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE910	Round 1: 308	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required	Brian Dunne, MSc E: brian.dunne@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

This course is open to students from any sporting background who are passionate about playing and/or coaching their sport.

It will also be of interest to someone who would like a career in the business and administration of sport.

On completion of the course, students will have a detailed understanding of; athletic development, coach education, strength and conditioning, sport finance and sport media and marketing.



Career opportunities

Graduates will be qualified to work in a variety of sports-related careers including: sports development officers; sports management; club development; club administration; sport coaching and fitness instruction; governing body management and administration.

Graduates will also be qualified to work in business management and administration roles.

Year 1 Modules

Semester 1
Applied Athletic Development 1
Intro to Coaching Pedagogy
Applied Anatomy & Sports Physiology 1
Professional Writing & Research in the Digital Age
Information Technology 1
Foundations of Sport Management 1

Semester 2
Applied Athletic Development 2
Intro to the Coaching Environment
Applied Anatomy & Sport Physiology 2
Intro to Accounting for Sport
Foundations of Sport Management 2
Information Technology 2



Bachelor of Business Recreation & Sport Management



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE933	Round 1: 202	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Deirdre Barry, MA E: deirdre.barry@setu.ie Donna Dunne, MA E: donna.dunne@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

The Bachelor of Business in Recreation & Sport Management is a three year degree which provides students with the necessary knowledge and skills to work in sport, leisure, exercise and business industries.

The programme is designed to give students a wide knowledge base in Years 1 and 2 and in Year 3 students can select electives allowing them to specialise in their chosen areas and shape their own career in the world of sport.



Career opportunities

- Sports development
- National governing bodies of sport - FAI,

IRFU, Swim Ireland

- Local sports partnerships
- Coaching
- Leisure centre management and operations
- Fitness instruction
- Business setting (e.g. sports marketing, public relations, event management)
- Adapted physical activity and inclusion officer
- Outdoor recreation and sports tourism.

Students can progress into Year 4 of the Bachelor of Business (Honours) in Recreation and Sport Management SE906.

Year 1 Modules

Semester 1
Communication Skills for College & Work
IT & Research skills
Intro to Sports Business Practice
Intro to Sport & Exercise Science
Sports Studies
Sports Pedagogy 1 (sports skills)

Semester 2
Human Resource Management in Recreation & Sport Organisation
Principles of Marketing
Physiology for Sport & Exercise
Sociology of Sport
Recreation Planning
Sports Pedagogy 2 (sports skills)



Bachelor of Arts Sport, Business & Coaching

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE932	Round 1: 252	5 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required	Brian Dunne, MSc E: brian.dunne@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

This course is open to students from any sporting background who wish to pursue a degree programme in Sport, Business & Coaching. It combines the techniques of sports management and coaching with the principles of business and management.

The field of sports management and coaching is changing rapidly. All sporting bodies require management and coaching staff to have an excellent understanding of their chosen sport, as well as strong business, organisational and administrative skills.



Career opportunities

Graduates will be qualified to work in a variety of sports-related careers including: sports development officers; sports management; club development; club administration; sport coaching and fitness instruction; governing body management and administration.

Graduates will also be qualified to work in business management and administration roles.

Year 1 Modules

Semester 1
Applied Athletic Development 1
Intro to Coaching Pedagogy
Applied Anatomy & Sport Physiology 1
Professional Writing & Research in the Digital Age
Information Technology 1
Foundations of Sport Management 1

Semester 2
Applied Athletic Development 2
Intro to the Coaching Environment
Applied Anatomy & Sport Physiology 2
Intro to Accounting for Sport
Foundations of Sport Management 2
Information Technology 2



Bachelor of Arts (Honours) – Sports Management & Coaching (Gaelic Games)



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE907	Round 1: *	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required	Denis O'Brien MBA E: denis.obrien@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

Sports management and coaching is an area of study that combines the techniques of sports management and coaching with the principles of business and enterprise. This course is unique to Ireland as it is delivered in association with the GAA and only available at SETU. It has three key content areas: coaching and player development, business and management of sport and sports science. Class delivery in a range of settings including pitch, classroom and gym.



Career opportunities

Graduates will be qualified to work in a variety of sport-related careers, including: sport development officers; GAA development officers; video analysts; sports management; club development and/or administration; sports coaching and fitness instruction.

Graduates have also taken up various roles in business and marketing.

* Entry through a combination of leaving cert points, portfolio and interview.

Year 1 Modules

Semester 1
Player Development 1 (GAA)
Applied Anatomy & Sport Physiology 1
Intro to Coaching Pedagogy
Professional Writing & Research in the Digital Age
Information Technology 1
Foundations of Sport Management 1

Semester 2
Player Development 2 (GAA)
Applied Anatomy & Sport Physiology 2
Coach Education 1 (GAA)
Intro to Accounting for Sport
Foundations of Sport Management 2
Information Technology 2



Bachelor of Arts (Honours) Sports Management & Coaching (Rugby)



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE908	Round 1: *	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required	Denis O'Brien MBA E: denis.obrien@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

Sports management and coaching is an area of study that combines the techniques of sports management and coaching with the principles of business and enterprise.

This course is unique to Ireland as it is delivered in association with Leinster Rugby and the IRFU and is only available at SETU.

Classes are delivered in a range of settings including pitch, classroom and gym.



Career opportunities

Graduates will be qualified to work in a variety of sport-related areas including: rugby development officers, community rugby officers, professional athletes, coaches, performance analysts, sports management, club development and/or administration, sports coaching and fitness instruction.

Graduates have also taken up various roles in business, management and marketing.

* Entry through a combination of leaving cert points, portfolio and interview.

Year 1 Modules

Semester 1
Player Development 1 (Rugby)
Applied Anatomy & Sport Physiology 1
Intro to Coaching Pedagogy
Professional Writing & Research in the Digital Age
Information Technology 1
Foundations of Sport Management 1

Semester 2
Player Development 2 (Rugby)
Applied Anatomy & Sport Physiology 2
Coach Education 1 (Rugby)
Intro to Accounting for Sport
Foundations of Sport Management 2
Information Technology 2



Bachelor of Arts – Sport Coaching & Business Management (GAA)



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE929	Round 1: *	5 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required	Denis O'Brien MBA E: denis.obrien@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

This course is suitable for anyone who has an interest in Gaelic Games, both playing and coaching, or in the business and administration side of sport.

It is open to students of all playing and coaching abilities - not just elite athletes and coaches. Sports bodies require their management and coaching staff to have a well-rounded understanding and knowledge of business and management, as well as their chosen sport.



Career opportunities

Graduates will be qualified to work in a variety of sport-related careers, including: sport development officers; GAA development officers; video analysts; sports management; club development and/or administration; sports coaching and fitness instruction.

Graduates have also taken up various roles in business and marketing. Graduates of this course may be eligible to progress to Year 4 of the BA (Honours) Sports Management and Coaching (Gaelic Games), (SE907).

* Entry through a combination of leaving cert points, portfolio and interview.

Year 1 Modules

Semester 1
Player Development 1 (GAA)
Applied Anatomy & Sport Physiology 1
Intro to Coaching Pedagogy
Professional Writing & Research in the Digital Age
Information Technology 1
Foundations of Sport Management 1

Semester 2
Player Development 2 (GAA)
Applied Anatomy & Sport Physiology 2
Coach Education 1 (GAA)
Intro to Accounting for Sport
Foundations of Sport Management 2
Information Technology 2



Bachelor of Arts – Sport Coaching & Business Management (Rugby)



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE930	Round 1: *	5 subjects: O6/H7 English or Irish: O6/H7 Garda Vetting required	Denis O'Brien MBA E: denis.obrien@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

This course is suitable for anyone who has an interest in rugby, both playing and coaching, or in the business and administration side of sport. It is open to students of all playing and coaching abilities.

Sports bodies require their management and coaching staff to have a well-rounded understanding and knowledge about business and management, as well as their chosen sport.



Career opportunities

Graduates will be qualified to work in a variety of sport-related areas including: rugby development officers; community rugby officers; professional athletes; coaches; performance analysts; sports management; club development and/or administration: sports coaching and fitness instruction.

Graduates have also taken up various roles in business, management and marketing. Graduates of this course may be eligible to progress to Year 4 of the BA (Honours) Sports Management and Coaching (Rugby), (SE908).

* Entry through a combination of leaving cert points, portfolio and interview.

Year 1 Modules

Semester 1
Player Development 1 (Rugby)
Applied Anatomy & Sport Physiology 1
Intro to Coaching Pedagogy
Professional Writing & Research in the Digital Age
Information Technology 1
Foundations of Sport Management 1

Semester 2
Player Development 2 (Rugby)
Applied Anatomy & Sport Physiology 2
Coach Education 1 (Rugby)
Intro to Accounting for Sport
Foundations of Sport Management 2
Information Technology 2



Bachelor of Arts (Honours) Sports Management & Coaching (Football)



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE909	Round 1: *	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required	Denis O'Brien MBA E: denis.obrien@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This is a four year course and has three key content areas which include; coaching and player development, business and management of sport and sports science.

Classes are delivered in a range of settings including pitch, classroom and gym and will be of interest to those who are passionate about playing or coaching sport. Students have an opportunity to attain UEFA B Coaching certification in the third year of the course.



This course is delivered in association with the FAI and is only available at SETU.

Career opportunities

Graduates will be qualified to work in a variety of sports-related careers including: FAI Development Officer, FAI Administration, Sports Management, Club Development, Academy Football Coach, Fitness Instructor, Performance Analyst, Coach Education, Business Administrator, International Coaching Positions and Professional/Semi Professional Footballer.

Graduates have also taken up roles in business and marketing.

* Entry through a combination of leaving cert points, portfolio and interview.

Year 1 Modules

Semester 1

Player Development 1 (Football)
Applied Anatomy & Sport Physiology 1
Intro to Coaching Pedagogy
Professional Writing & Research in the Digital Age
Information Technology 1
Foundations of Sport Management 1

Semester 2

Player Development 2 (Football)
Applied Anatomy & Sport Physiology 2
Coach Education 1 (Football)
Intro to Accounting for Sport
Foundations of Sport Management 2
Information Technology 2



Bachelor of Arts – Sport Coaching & Business Management (Football)



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE931	Round 1: *	5 subjects: O6/H7 English or Irish: O6/H7 Garda Vetting required	Denis O'Brien MBA E: denis.obrien@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

This course is delivered in association with the FAI and is only available at SETU.

The player development and football education modules are delivered by experienced coaches and coach educators from the FAI giving students an opportunity to attain UEFA B Coaching certification in the third year of the course.

This course is suitable for anyone who has an interest in soccer, both playing and coaching or in the business and administration side of sport.



Career opportunities

Graduates will be qualified to work in a variety of sports-related careers including: FAI Development Officer, FAI Administration, Sports Management, Club Development, Academy Football Coach, Fitness Instructor, Performance Analyst, Coach Education, Business Administrator, International Coaching Positions and Professional/Semi Professional Footballer.

Graduates of this course may be eligible to progress to Year 4 of the BA (Honours) Sports Management and Coaching (Football) - SE909.

* Entry through a combination of leaving cert points, portfolio and interview.

Year 1 Modules

Semester 1

Player Development 1 (Football)
Applied Anatomy & Sport Physiology 1
Intro to Coaching Pedagogy
Professional Writing & Research in the Digital Age
Information Technology 1
Foundations of Sport Management 1

Semester 2

Player Development 2 (Football)
Applied Anatomy & Sport Physiology 2
Coach Education 1 (Football)
Intro to Accounting for Sport
Foundations of Sport Management 2
Information Technology 2



SPORT SCIENCE

COMMON ENTRY

Exercise Sciences (Waterford)



COURSE CODE SE902	STREAMS Sport & Exercise Science Nutrition & Exercise Science Health & Exercise Science	ENTRY REQUIREMENTS 2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	PROGRAMME DIRECTOR Máire Harney E: maire.harney@setu.ie
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About the course

Exercise Sciences (Common Entry) is a four year degree path for those wishing to pursue a programme of study in the area of exercise science but who also wish to graduate in a specialist field. It is for students interested in Exercise Sciences as a broad career, but who are initially unsure about their specific areas of interest or career plan.

Career opportunities

Career opportunities will be subject to your choice of specialist exit pathways. Exercise Sciences (Common Entry) has three specialist exit pathways - Sport, Nutrition or Health. Towards the end of your second year of the common entry degree programme you will be asked to select one of them to study in order to obtain your final award.

Year 1 Modules

- Semester 1**
Fitness & Movement
Functional Anatomy & Kinesiology
Promoting Physical Activity
Research & Learning
Intro to Sport Psychology
Human Physiology
- Semester 2**
Sport & Exercise Biomechanics 1
Intro to Exercise Psychology
Biomolecules & Cells
Strength & Conditioning
Data & Measurement
Business for the Exercise Professional

COMMON ENTRY — Bachelor of Science (Honours)
Sport & Exercise Science



LOCATION Waterford	COURSE CODE SE902	CAO POINTS 2025 Round 1: 280	COMMON ENTRY ROUTE SE902 Exercise Sciences (Common Entry)	STREAM LEAD Bruce Wardrop E: bruce.wardrop@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

The Sport and Exercise Science programme will give graduates the knowledge and skills to evaluate and improve sport and athletic performance.

The programme will emphasise the traditional sports science disciplines of biomechanics, physiology and psychology but also newer applied sports science disciplines including strength and conditioning, sports nutrition and performance analysis.



Career opportunities

Students will be capable of working with athletes and coaches on an ongoing basis to improve performance, health and well-being.

Students may also undertake post graduate study through either taught Masters programmes or research degrees at Masters and Doctoral level, ultimately providing sport science support, entering industry or remaining in research and education.

Year 3 Modules

- Semester 1**
Advanced Performance Analysis
Applied Sport and Exercise Physiology
Conditioning for Performance Sport
Contemporary Issues in Sport and Exercise
Sport & Exercise Biomechanics 2
Sport & Exercise Nutrition
- Semester 2**
Applied Biomechanics
Exercise Psychology in Practice
Major Project in Sport and Exercise Science 1
Science of Elite Sport Performance
Sports Medicine



COMMON ENTRY — Bachelor of Science (Honours)
Nutrition & Exercise Science



LOCATION Waterford	COURSE CODE SE902	CAO POINTS 2025 Round 1: 280	COMMON ENTRY ROUTE SE902 Exercise Sciences (Common Entry)	STREAM LEAD Dr Lorna Doyle PhD E: lorna.doyle@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

The Nutrition and Exercise Science degree gives graduates the knowledge and skills to work with individual athletes and teams to optimise nutrient intake, performance and health.

Graduates possess the capability to provide good nutritional advice to the general population, assisting health and weight, through a degree focused on both nutrition and exercise, including a nutrition placement.



Career opportunities

Graduates may continue further studies to register as a registered Sport and Exercise Nutritionist (SENR) who provide sports nutrition advice to high class athletes.

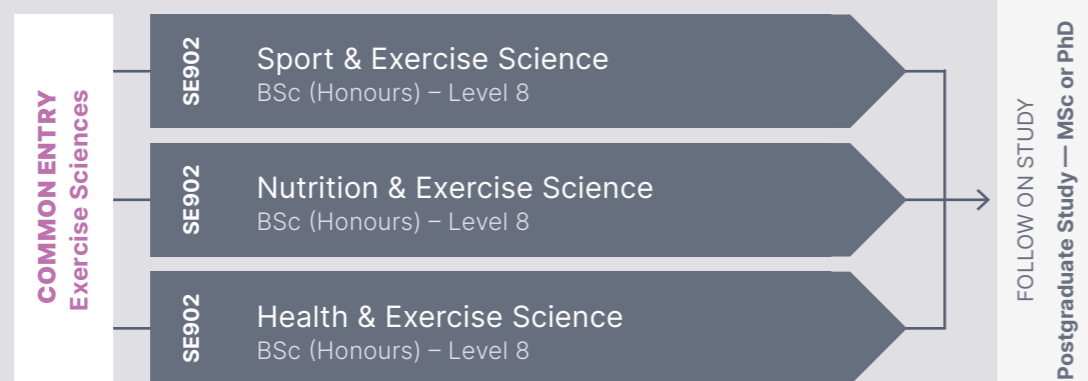
Graduates may also continue to pursue work/study in a health related area of nutrition. Careers as nutritionists, nutritionist in food companies, working in the supplements industry, health food industry to name a few.

Year 3 Modules

- Semester 1**
Applied Sport and Exercise Physiology
Assessment for Nutritional Status
Pathophysiology of Disease
Sport and Exercise Nutrition
Weight Management
- Semester 2**
Applied Sports Nutrition
Food Technology and Safety
Major Project in Nutrition and Exercise Science 1
Nutrition for the Life Cycle
Professional Practice & Social Media
Exercise Psychology in Practice
Exercise as Medicine 1



Exercise Sciences — COMMON ENTRY Degree Options



COMMON ENTRY — Bachelor of Science (Honours) Health & Exercise Science



LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE
Waterford	SE902	Round 1: 280	SE902 Exercise Sciences (Common Entry)
	LEVEL 8	COURSE DURATION 4 YEARS	

STREAM LEAD
Dr Barry Lambe PhD E: barry.lambe@setu.ie

About the course

The Health and Exercise Science programme will give graduates the knowledge and skills needed to assist distinct population groups and those with health problems to engage in physical activity and structured exercise programmes.

The programme includes traditional exercise science disciplines such as physiology, biomechanics and psychology but also newer applied areas such as nutrition, physical activity, strength and conditioning, exercise programming and exercise as medicine.



Career opportunities

Graduates will be accredited Exercise for Health Specialists which allows them to work with new or existing exercisers at risk of or with chronic health conditions.

Graduates are currently employed as adapted physical activity specialists, sports development officers, physical activity promotion officers, health and exercise specialists and personal trainers.

Year 3 Modules

- Semester 1**
- Applied Sport and Exercise Physiology
 - Active Aging
 - Pathophysiology of Disease
 - Physical Activity Assessment & Evaluation
 - Weight Management
- Semester 2**
- Adapted Physical Activity
 - Exercise Psychology in Practice
 - Exercise as Medicine 1
 - Major Project in Health and Exercise Science 1
 - Physical Activity, Sport & Development
 - Professional Practice & Social Media



Bachelor of Science (Honours) Sport Rehabilitation & Athletic Therapy



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Carlow	SE901	Round 1: 487	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 Garda vetting required
	LEVEL 8	COURSE DURATION 4 YEARS	

PROGRAMME DIRECTOR
Dr Mary Dowling PhD E: mary.dowling@setu.ie

About the course

This course equips students with the skills to manage the assessment, treatment and rehabilitation of injured individuals by offering a unique blend of academic theory, practical workshops and clinical placements. Students on this course enjoy state of the art facilities with an elite gym and a fully equipped dedicated sports injury clinic.

Career opportunities

Graduates will be expert practitioners in injury assessment, treatment and rehabilitation, with knowledge and skills extending to sports nutrition, strength and conditioning, and



exercise prescription.

Employment opportunities include:

- Establishing your own Athletic Therapy clinic as an independent practitioner
- Becoming employed within established Athletic Therapy or Physiotherapy clinics amateur to elite levels
- Working with individual athletes
- Take up a broad array of health and physical activity roles.

This programme is accredited by Athletic Rehabilitation Therapy Ireland (ARTI) and following graduation students can apply to become Certified Athletic Therapists.

Year 1 Modules

- Semester 1**
- Anatomy 1
 - Physiology & Cell Biology 1
 - Strength & Conditioning
 - Applied Coaching 1
 - Maths & Physical Sciences for Health Science
 - Intro to Sports & Exercise Psychology
- Semester 2**
- Anatomy 2
 - Physiology & Cell Biology 2
 - Strength & Conditioning
 - Applied Coaching 2
 - Physical Sciences for Health Science
 - Exercise Physiology 1



Bachelor of Science (Honours) Sports Coaching & Performance

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Waterford	SE904	Round 1: 280	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7
	LEVEL 8	COURSE DURATION 4 YEARS	

PROGRAMME DIRECTOR
Dr Jean McArdle , PhD E: jean.mcardle@setu.ie Dr Emma Saunders , PhD E: emma.saunders@setu.ie

About the course

The BSc (Honours) in Sports Coaching and Performance is a four year honours degree that provides aspiring coaches from a variety of sporting backgrounds with an advanced coach education.

The programme combines the disciplines of sport science and coach education, applying theory to practice in different performance environments.

An internship year provides students with a unique lived experience to work in the field and gain knowledge in the working environment.



Career opportunities

Four key areas of employment range from:

- Coaching and sports development
- Performance Analyst
- Strength and conditioning coach
- Applied sport scientist.

Students will also have the knowledge and skills necessary to undertake advanced coaching awards to international standards in their specialist sports in the years following graduation.

Year 1 Modules

- Semester 1**
- Intro to Coaching
 - Intro to Sport & Exercise Science
 - Intro to Sports Coaching & Society
 - Lifestyle Management
 - Research & Learning
 - Strength & Conditioning 1
- Semester 2**
- Coach Education
 - Talent Identification & LTAD
 - Motor Behaviour
 - Data & Measurement
 - Exercise Physiology 1
 - Sports, Biomechanics & Kinesiology



Higher Certificate in Science Physiology & Health Science

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Carlow	SE936	Round 1: 440	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 Garda vetting required
	LEVEL 6	COURSE DURATION 2 YEARS	

PROGRAMME DIRECTOR
Frank Devereux E: frank.devereux@setu.ie

About the course

Physiology and Health Science is the study of the human body with specific focus on how the body functions in relation to health and exercise.

This course provides formative level understanding of core physiology and health science subjects, combining theory with 'hands-on' practical elements resulting in an exciting and rewarding course.



Career opportunities

This course provides graduates with an avenue to progress to degree level courses in the allied health professions. Most graduates progress to further study in physiotherapy, occupational therapy, sport rehabilitation, radiography, nutrition and dietetics, speech and language therapy, chiropractic medicine and osteopathic medicine. The course provides a direct entry point to Year 3 of the BSc (Honours) Sport Rehabilitation and Athletic Therapy (SE901).

Year 1 Modules

- Semester 1**
- Anatomy 1
 - Physiology & Cell Biology 1
 - Strength & Conditioning
 - Applied Coaching 1
 - Maths & Physical Sciences for Health Science
 - Intro to Sport & Exercise Psychology
- Semester 2**
- Anatomy 2
 - Physiology & Cell Biology 2
 - Strength & Conditioning
 - Applied Coaching 2
 - Physical Sciences for Health Science
 - Exercise Physiology 1

Bachelor of Science (Honours) Strength & Conditioning

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE903	Round 1: 340	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 Garda vetting required	Niamh Spratt-O'Shea E: niamh.spratt@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Strength and Conditioning is an applied science that focuses on improving athletic performance, specifically endurance, speed, strength and power.

This course is designed to help students develop the knowledge, skills and analytical techniques in the sub-disciplines of sport and exercise sciences.

Students gain the knowledge and skill to help athletes and players achieve optimum sports performance.



Career opportunities

Graduates of our strength and conditioning degree course will be able to use scientific knowledge and practical expertise to guide the design and implementation of training programmes and monitoring of athletes.

Graduates will also have expert knowledge in the application of strength and conditioning for special population groups including tactical personnel, children and older adults.

Year 1 Modules (Common to SE903 and SE905)

Semester 1

Anatomy of Human Movement 1
Physiology & Cell Biology 1
Strength & Conditioning: Applied Coaching 1
Maths & Physical Sciences for Health Science
Intro to Sports & Exercise Psychology

Semester 2

Anatomy of Human Movement 2
Physiology & Cell Biology 2
Strength & Conditioning: Applied Coaching 2
Physical Sciences for Health Science
Exercise Physiology 1



WORK PLACEMENT
AVAILABLE

Bachelor of Science (Honours) Sport & Exercise Sciences

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE905	Round 1: 433	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 Garda vetting required	Dr Chris Nulty PhD E: christopher.nulty@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This Sport & Exercise Sciences course allows students develop the knowledge and skillset essential for improving health related outcomes in the general population, and to enhance performance across all levels of sport. The foundation of this degree is in the physical sciences which feature alongside essential modules in anatomy, exercise physiology, nutrition, biomechanics, coaching, sport psychology and health promotion. All modules are delivered by passionate academic staff many of whom are experienced practitioners and researchers in high-



performance sport. Students develop core and transferable skills throughout this course allowing them to pursue a variety of career and postgraduate opportunities.

Career opportunities

- High Performance Sport
- Sports Technology
- Physiotherapy
- Medicine
- Pharmaceuticals Industry
- Data analytics
- Clinical measurement science
- Sport Development
- Health Promotion

Year 2 Modules (Common to SE905 and SE903)

Semester 1

Pathophysiology
Health Psychology and Promotion 1
Motor Control
Nutritional Biochemistry
Strength and Conditioning Applied Coaching 3

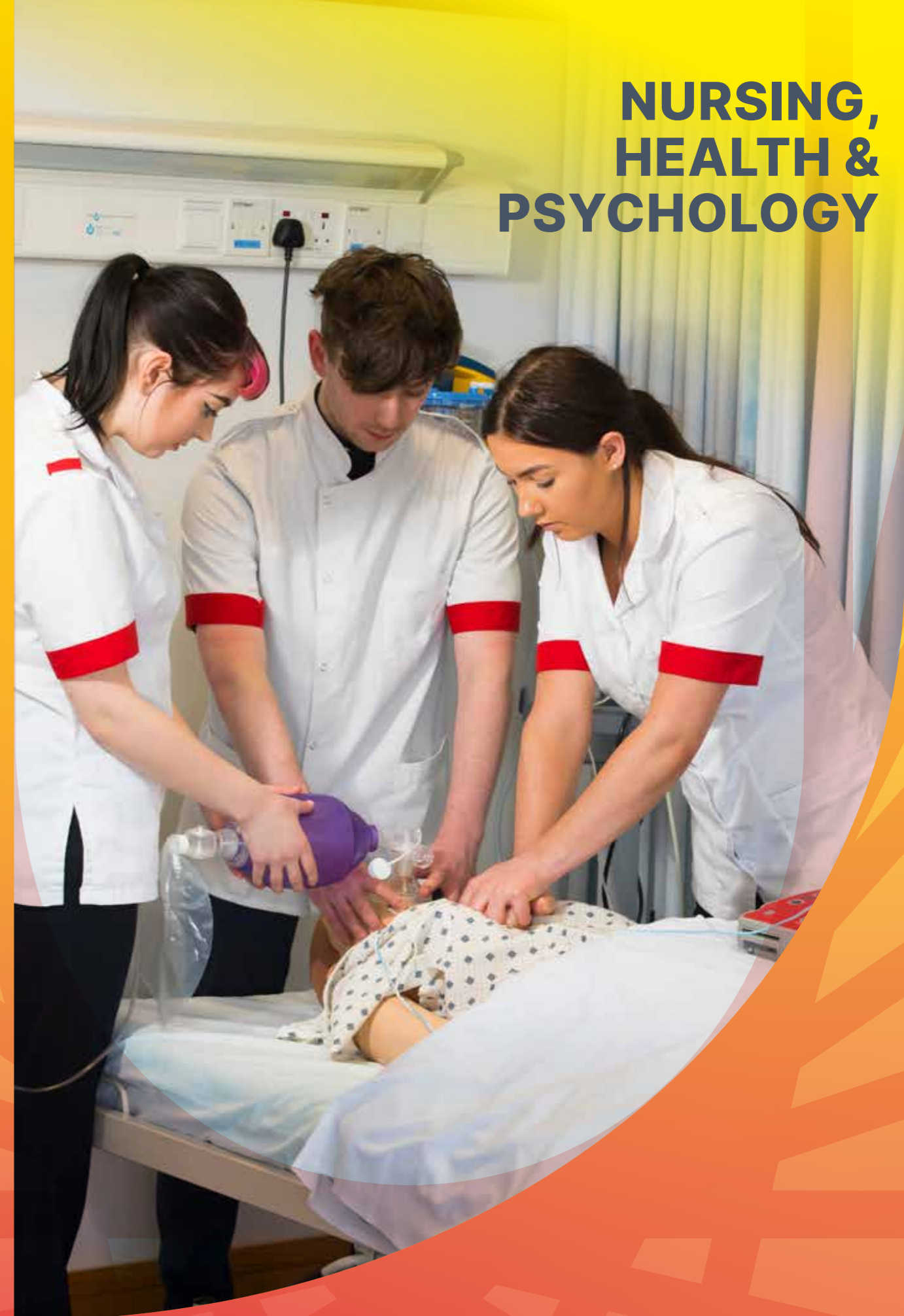
Semester 2

Exercise Physiology 2 for Sport
Health Psychology and Promotion 2
Nutrition
Sport and Exercise Biomechanics 1
Research in Sport and Health



WORK PLACEMENT
AVAILABLE

NURSING, HEALTH & PSYCHOLOGY



Bachelor of Science (Honours) General Nursing

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE915	Round 1: 409	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 Science: O6/H7	Dr Catherine Madden EdD E: catherine.madden@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

The Bachelor of Science (Honours) in General Nursing is a four year professional degree course that qualifies you as a Registered General Nurse and enables you to register with the Nursing and Midwifery Board of Ireland.

This innovative programme will help you to become a highly skilled and competent nurse, preparing you for a rewarding career in the nursing profession.



Career opportunities

Upon graduation, you will be qualified to work as a nurse in Ireland and abroad. You will be able to work in a variety of roles in both acute and community health care settings, including hospitals, nursing homes, general practice, occupational health, and more.

Career opportunities and pathways exist in clinical practice, management, education and research.

Year 1 Modules

- Semester 1**
- General Nursing Skills & Experience
 - Intro to General Nursing Learning to Learn
 - Personal & Professional Development
 - Professional & Patient Safety 1
 - Anatomy & Physiology 1
- Semester 2**
- Fundamentals of General Nursing
 - Health & Psychosocial Studies
 - Intro to Evidence Based Practice 1
 - Medication Management 1
 - Anatomy & Physiology 2
 - Nursing Experience 2



WORK PLACEMENT AVAILABLE

Bachelor of Science (Honours) Intellectual Disability Nursing

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE916	Round 1: 309	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 Science: O6/H7	Ms Lorraine Dillon E: lorraine.dillon@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Intellectual disability nursing is a speciality field of nursing providing person-centered and holistic care and support to people with intellectual disabilities across the lifespan.

Intellectual disability nurses work as part of transdisciplinary teams to enable and empower people with intellectual disabilities to reach their full potential.



Career opportunities

Graduates may apply for staff nurse posts within intellectual disability services. Internationally, Irish nurses are highly regarded thus enhancing career opportunities.

Following qualification you can specialise within intellectual disability nursing in areas such as communication, behaviour support and dementia.

You may also pursue postgraduate study in nurse education/management.

Year 1 Modules

- Semester 1**
- Anatomy & Physiology 1
 - Intellectual Disability Nursing Skills & Experience
 - Intro to Intellectual Disability Nursing
 - Learning to Learn
 - Personal & Professional Development
 - Professional & Personal Safety 1
- Semester 2**
- Anatomy & Physiology 2
 - Caring for People with Intellectual Disabilities
 - Health & Psychosocial Studies 1
 - Medication Management 1
 - Intro to Evidence Based Practice
 - Nursing Experience 2



WORK PLACEMENT AVAILABLE

Bachelor of Science (Honours) Psychiatric Nursing

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE914	Round 1: 326	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 Science: O6/H7	Miriam Farrell E: miriam.farrell@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

The Bachelor of Science (Honours) in Psychiatric Nursing is a 4 year professional honours degree course that qualifies you as a Registered Psychiatric Nurse (RPN) and enables you to register with the Nursing and Midwifery Board of Ireland (NMBI). Psychiatric Nursing / Mental Health nursing is a specialist field that involves the use of therapeutic interpersonal skills and interventions to deliver person centred, holistic care for people who use the mental health services both in acute and community settings to support, empower and enable the person to recover from their distress.



The role involves engaging, liaising, and working alongside with other professionals, agencies, the person who uses the services and their families to develop individualised, recovery focused plans for their care, management and treatment.

Career opportunities

- Acute & community care settings in Ireland and internationally
- Early Intervention services
- Dual diagnosis services
- Addictions services
- Child and adolescent services
- Psychiatry of later life services
- Clinical practice, management, education and research.

Year 1 Modules

- Semester 1**
- Anatomy & Physiology
 - Fundamental Nursing Skills & Psychiatric Nursing Experience (placement)
 - Intro to Psychiatric Nursing
 - Learning to Learn
 - Personal & Professional Development
 - Professional & Patient Safety
- Semester 2**
- Altered Mood Perspective
 - Anatomy & Physiology 2
 - Health & Psycho Social Studies
 - Intro to Evidence Based Practice
 - Medication Management
 - Psychiatric Nursing Experience



WORK PLACEMENT AVAILABLE



COMMON ENTRY

Health Sciences (Waterford)

COURSE CODE	STREAMS	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
SE900	Public Health & Health Promotion Applied Health Care	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Prof Niamh Murphy PhD E: niamh.murphy@setu.ie



About the course

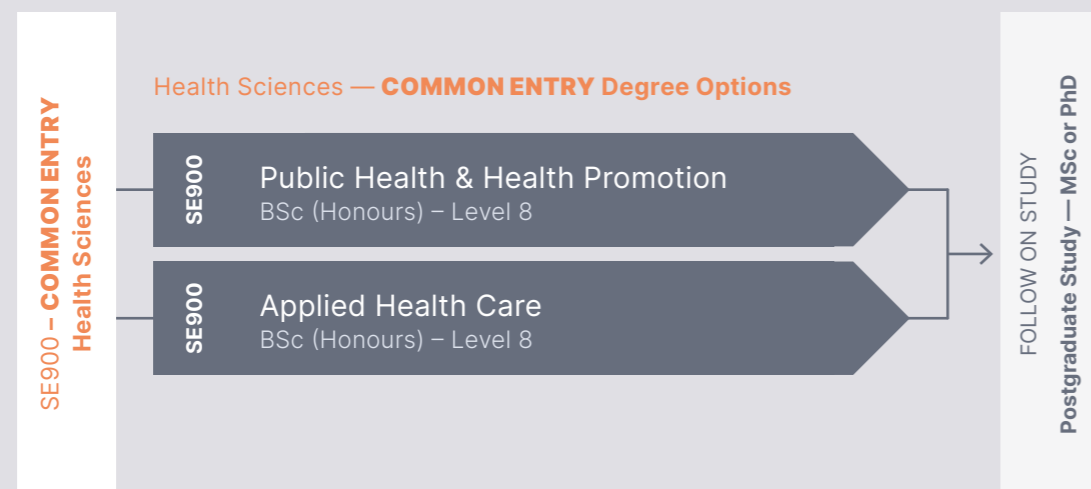
Healthcare and health promotion are broad field with diverse areas of work where health science graduates can make a difference to people's lives. There are many career options across a wide range of health related industries, ranging from direct individualised care to people across the lifespan from infancy to old age and persons with special needs, or through telehealth careers, to management & research.

Career opportunities

Career opportunities will be subject to your choice of specialist exit pathways. Health Sciences (Common Entry) is the gateway for the two Level 8 BSc (Honours) degrees in SETU, an Applied Health Care degree or a Public Health and Health Promotion degree. At the end of first year you will be asked to select one of the courses to study in order to obtain your final award.

Year 1 Modules

- Semester 1**
Learning to Learn
Care of the Older Adult 1
Psychology for Health Care
Anatomy & Physiology 1
Intro to Healthcare Informatics
Principles of Health Promotion
- Semester 2**
Lifeskills for Health & Wellbeing
Fundamentals of Care 1
Medical Surgery Care 1
Anatomy & Physiology 2
Placement 1



COMMON ENTRY — Bachelor of Science (Honours)
Public Health & Health Promotion

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE900	Round 1: 309	SE900 Health Sciences (Common Entry)	Prof Niamh Murphy PhD E: niamh.murphy@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

The BSc (Honours) in Public Health & Health Promotion is a full-time, four year, honours degree course that can be chosen within the Health Sciences Common Entry Route.

The course is approved by the International Union for Health Promotion and Education which allows graduates to register as accredited public health and health promotion practitioners.



Career opportunities

- Health Promotion Officer in the Health Service Executive
- Health Promotion professional in hospitals
- State companies and private companies
- Charities
- Youth services
- Mental health services
- Health research.

Year 2 Modules

- Semester 1**
Health Promotion in Key Settings
Communication and Media Skills
Introduction to Research Methods & Statistics
Nutrition: Energy & Macro-Nutrients 1
Sociology of Health
Basic Facilitation Skills for Health and Well-Being
- Semester 2**
Active Citizenship
Health Screening
Introduction to Mental Health
Nutrition: Vitamins & Minerals 2
Introduction to Epidemiology & Public Health



COMMON ENTRY — Bachelor of Science (Honours)
Applied Health Care

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE900	Round 1: 309	SE900 Health Sciences (Common Entry)	Ms Ruth Maher E: ruth.maher@setu.ie Dr Louise Bennett, PhD E: louise.bennett@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

The BSc (Honours) in Applied Health Care is a full-time, four year, honours degree course that can be chosen within the Health Sciences Common Entry Route.

This honours degree course allows the student to develop as a self-aware, reflective graduate who is a confident practitioner and able to integrate and use their knowledge, skills and attitudes in a variety of health care settings.



Career opportunities

- Graduates may gain employment in the following areas:
- Technical health care roles
 - Phlebotomy
 - Managing and coordinating General Practices.
 - Delivery of health care in the emerging telehealth industry
 - Health research
 - Applied health care provision in a variety of healthcare settings
 - Healthcare education
 - Postgraduate study.

Year 2 Modules

- Semester 1**
Fundamentals of Care 2
Pharmacology for Health Care 1
Medical Surgical 2
Placement 2
- Semester 2**
Professional Development & Community
Medical Surgical Care 3
Introduction to Mental Health Care
Activity Co-ordination for Older Adult
Nutrition for Health
Pharmacology for Health Care 2
Placement 3



Bachelor of Science Applied Health Care

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE928	Round 1: 226	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Ms Ruth Maher E: ruth.maher@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

The BSc in Applied Health Care is the first programme of its kind in Ireland and is designed to help you understand the varied needs of patients across the lifespan and enable you to deliver direct health care in hospitals, community care, general practice, pharmaceutical industry and health research.

This course also prepares students for the emerging area of internet and telephone health.



Career opportunities

Graduates may gain employment in the following areas:

- Applied health care provision in variety of settings including hospitals, clinics, community care settings, nursing homes
- Sales representatives in the pharmaceutical industry
- Delivery of health care in the emerging telehealth industry
- Access to the final year of BSc (Honours) in Applied Health Care programme (subject to meeting advanced entry requirements).

Year 1 Modules

Semester 1

Learning to Learn
Care of the Older Adult 1
Psychology for Health Care
Anatomy & Physiology 1
Intro to Healthcare Informatics
Principles of Health Promotion

Semester 2

Life Skills for Health & Wellbeing
Fundamentals of Care 1
Medical Surgery Care 1
Anatomy & Physiology 2
Placement 1



Bachelor of Arts (Honours) Psychology

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE205	Round 1: 433	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O4/H7	Dr Claire Cullen PhD E: claire.cullen@setu.ie
	LEVEL 8	COURSE DURATION 3 YEARS		

About the course

Psychology is the scientific study of cognitions, the mind, and behaviour, and help us better understand our world.

The BA (Honours) in Psychology at SETU is a three year, full-time honours degree.

The programme emphasises critical thinking and research skills, through modules which examine both the theory and application of psychological knowledge.



Career opportunities

Graduates may choose to study at postgraduate level in order to seek a career as a professional psychologist in areas such as: clinical, educational, coaching, counselling, forensic, health, academia, neuropsychology, work/organisational, or sport.

Alternatively, many psychology graduates find rewarding careers in a related profession such as healthcare, human resources, marketing.

This course is accredited by the Psychological Society of Ireland.

Year 1 Modules

Semester 1

Intro to Psychology
Intro to Statistical Analysis & Design
History of Psychology
Intro to Psychological Research Methods
Minor Subject 1 Module 1
Minor Subject 2 Module 1

Semester 2

Intro to Cognition & Perception
Intro to Biological Psychology
Developmental Psychology
Intro to Social Psychology
Minor Subject 1 Module 2
Minor Subject 2 Module 2

ARCHITECTURE



Bachelor of Architecture (Honours) Architecture

RIAI

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford - Granary	SE701	Round 1: 409	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Sharon O'Brien PhD E: sharon.obrien@setu.ie
	LEVEL	COURSE DURATION		
	8	5 YEARS		

About the course

This is a Level 8, Bachelor of Architecture (Honours) degree course, professionally accredited by the Royal Institute of Architects of Ireland (RIAI). It is a five year, full-time course located in the Granary building in Waterford city centre.

Career opportunities

All areas and types of architecture practice from building design to architectural conservation, urban design, interior design and architectural project management.

Year 1 Modules

Semester 1
Architectural Design Studio 1
Cultural Context 1
Structures & Environmental Science 1
Techne Studio 1
Visual Communications 1

Semester 2
Architectural Design Studio 2
Cultural Context 2
Research & Academic Development 1
Techne Studio 2
Visual Communications 2



Bachelor of Science (Honours) Architectural Technology



RIAI

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE702	Round 1: 331	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Margaret Doyle Hughes MCIAT E: margaret.doyle@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This is a studio-based technical design course that integrates architectural theory with practical application. Students complete an integrated project, based on a field study to international locations such as Bilbao, Rome or Milan.

Students will complete a 30-credit work placement during Semester 5 in Year 3 providing great insight into their role.

Career opportunities

With the increasing complexities of construction, Architectural Technologists have never been so much in demand. Careers can include working with



other technologists and architects on building design and construction, BIM management, modular building specialisation, technical sales, education, environmental design and many other creative and technical roles.

As a graduate, you will have numerous options for further study, both within SETU and beyond. Options range from Masters by research into a topic that really interests you, taught Masters in specialist areas such as Project Management, Conservation to specialist environmental qualifications such as LEED Professional and also BIM management.

This course is professionally accredited by both CIAT and the RIAI.

Year 1 Modules

Semester 1
Studio 1
Building Technology, Materials & Structures 1
Revit, CAD & Information Technology 1
Building Performance & Services 1
Surveying & Recording 1

Semester 2
Studio 1 (continued)
Building Technology, Materials & Structures 2
Revit, CAD & Information Technology 2
Building Performance & Services 2
Surveying & Recording 2



Bachelor of Science (Honours) – Architectural & Building Information Modelling Technology



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford - Granary	SE703	Round 1: 308	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O5/H7	Gordon Chisholm MCIAT E: gordon.chisholm@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This four year programme is fully accredited by the CIAT. It enables students to become architectural technologists with additional accredited programme advanced skills in Building Information Technology (BIM). It includes an industrial placement in Year 3 and an annual international symposium.

Career opportunities

Graduates are in very high demand across the full spectrum of architecture and built environment organisations at home and abroad. The knowledge and skill sets gained on this degree programme are at the cutting edge of modern design and construction.

Year 1 Modules

Semester 1
Architectural & BIM Studio 1
Architectural Communication & BIM 1
Construction Technology 1
Structures & Environment 1
Detail the External Envelope

Semester 2
Architectural & BIM Studio 2
Architectural Communication & BIM 2
Construction Technology 2
Structures & Environment 2
Creative & Critical Thinking



Bachelor of Science Architectural Technology

RIAI

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE717	Round 1: 289	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Margaret Doyle Hughes MCIAT E: margaret.doyle@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

This is a studio-based technical design course that integrates architectural theory with practical application. Students complete an integrated project, based on a field study to international locations such as Bilbao, Rome or Milan.

Students will complete a 30-credit work placement during Semester 5 in Year 3 providing great insight into their role.

Professionally accredited by RIAI.



Career opportunities

With the increasing complexities of construction, Architectural Technologists have never been so much in demand. Careers can include working with other technologists and architects on building design and construction, BIM management, modular building specialisation, technical sales, education, environmental design and many other creative and technical roles.

As a graduate, you will have numerous options for further study, both within SETU and beyond. You will have the opportunity to continue into the final year of the BSc (Honours) in Architecture Technology (SE702) programme and from there further studies at Masters level.

Year 1 Modules

Semester 1
Studio 1
Building Technology, Materials & Structures 1
Revit, CAD & Information Technology 1
Building Performance & Services 1
Surveying & Recording 1

Semester 2
Studio 1 (continued)
Building Technology, Materials & Structures 2
Revit, CAD & Information Technology 2
Building Performance & Services 2
Surveying & Recording 2



Bachelor of Science
Architectural Technology



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford - Granary	SE716	Round 1: 238	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Gordon Chisholm MCIAT E: gordon.chisholm@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

This three year course enables students to become competent in preparing construction drawings and specifications for complex building types. Architectural Technologists become specialists in preparing detailed drawings and specifications for building projects. They work closely with architects and other members of the design team.

Career opportunities

Graduates are in very high demand, particularly in architectural design offices at home and abroad. The knowledge and skill sets gained on this degree programme are directly relevant modern design and construction. Many graduates progress to the Level 8 degree, either immediately or after gaining some work experience.

Year 1 Modules

Semester 1

- Arch & BIM Technology Studio 1
- Arch Communications & BIM 1
- Construction Technology 1
- Detail the External Envelope Structures & Environment 1

Semester 2

- Arch & BIM Technology Studio 2
- Arch Communications & BIM 2
- Construction Technology 2
- Creative & Critical Thinking Structures & Environment 2



BUILT ENVIRONMENT



Bachelor of Science (Honours) Construction Management & Engineering



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE707	Round 1: 270	2 subjects: H5 4 subjects: O6/H7 English or Irish: O5/H7 Mathematics: O5/H7	Dr Brian Graham PhD E: brian.graham@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

Construction Management and Engineering prepares students for responsible engineering and management roles in all phases of construction projects. It emphasises management, engineering and technological techniques useful in organising, planning and controlling the activities of diverse specialists working in the project environment of the Irish and international construction industry.

Career opportunities

The CME programme prepares students for a variety of exciting career opportunities in project management and engineering roles across the global construction sector. Many of our graduates work with some of the best Irish and international construction companies in roles such as: Project Management, Construction Engineering, Design and Build, IT, Facilities Management, Business, and many more.

Year 1 Modules

Semester 1
Construction Measurement & Estimating 1
Intro to Management Mathematics
Residential Technology 1
Intro to ICT
Communications & Study Skills

Semester 2
Intro to Construction Economics
Theory of Structure
Intro to Construction Materials
Intro to BIM
Intro to Building Services
Residential Technology 2



Bachelor of Science Construction Management



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE726	Round 1: 261	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Anthony Dempsey MSc E: anthony.dempsey@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

Construction projects supply the key infrastructure that is vital for modern society ranging from schools to hospitals, houses, apartment buildings, office blocks, shops and retail buildings.

Construction managers are responsible for managing the construction of these projects from concept to completion, ensuring that they meet the client's requirements and are completed on time and within budget.

Career opportunities

- Manage the construction process with building contractors
- Project Manager working with project management consultants
- Manager of property procurement process working with property developers
- Manager of new developments for large retail and industrial companies with internal building procurement offices.

Year 1 Modules

Semester 1
Domestic Technology & Structural Appreciation 1
Land Surveying
AutoCAD, IT & Communications
Applied Mathematics
Intro to the Construction Industry

Semester 2
Domestic Technology & Structural Appreciation 2
Materials, Building & Land Surveying
Building Services 1
Building Information Modeling 1
Construction Management Fundamentals



Bachelor of Science (Honours) Construction Management



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE706	Round 1: 300	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Anthony Dempsey MSc E: anthony.dempsey@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

Construction projects supply the key infrastructure that is vital for modern society ranging from schools to hospitals, houses, apartment buildings, office blocks, shops and retail buildings.

Construction managers are responsible for managing the construction of these projects from concept to completion, ensuring that they meet the client's requirements and are completed on time and within budget.

Career opportunities

- Manage the construction process with building contractors
- Project manager working with project management consultants
- Manager of property procurement process working with property developers
- Manager of new developments for large retail and industrial companies with internal building procurement offices.

Year 1 Modules

Semester 1
Domestic Technology & Structural Appreciation 1
Land Surveying
AutoCAD, IT & Communications
Applied Mathematics
Intro to the Construction Industry

Semester 2
Domestic Technology & Structural Appreciation 2
Materials, Building & Land Surveying
Building Services 1
Building Information Modeling 1
Construction Management Fundamentals



Bachelor of Engineering (Honours) Civil Engineering



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE713	Round 1: 444	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: H4	Shane Murray MSc E: shane.murray@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This course covers the core civil engineering disciplines of highways, structures, geotechnics, water and environmental. You will learn how to design and construct a wide variety of civil engineering projects from motorways to buildings, bridges, water & wastewater schemes and environmental projects. You will learn about the importance of developing sustainable solutions and develop the analytical skills and structured approach to problem solving that underlies civil engineering. This



course is accredited by Engineers Ireland as a Level 8 honours degree.

Career opportunities

Studying on this course will give you the skills to work as a Civil Engineer and play an important role in the design, construction and maintenance of vital civil engineering projects. These provide the vital infrastructure which is critical for modern living.

Our graduates work on major civil engineering projects for Design consultants, contractors, local authorities and utility companies such as Irish Water and the ESB. A civil engineering qualification travels well - allowing graduates to work anywhere in the world.

The employment prospects for Civil Engineers are excellent with demand exceeding supply.

Year 1 Modules

- Semester 1**
Mathematics & Statistics 1
Civil Engineering Technology 1
Engineering Chemistry 1
Material Science & Soil Mechanics
Engineering Drawing 1
- Semester 2**
Engineering Mathematics 1
Civil Engineering Technology 2
Engineering Physics 1
Quantity Surveying & Estimating
Engineering Drawing 2 and Surveying & Setting Out 1

Bachelor of Science (Honours) Quantity Surveying



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE704	Round 1: 283	2 subjects: H5 4 subjects: O6/H7 English or Irish: O5/H7 Mathematics: O5/H7	John Mernagh MRICS, MSCSI E: john.mernagh@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Quantity Surveying in SETU is an internationally recognised Honours Degree programme. It boasts a 100% graduate employment record for each of the last 10 academic years placing our graduates amongst the most highly sought after in the industry.

It has full course accreditation from the Society of Chartered Surveyors Ireland. It provides the student with 30 weeks paid placement with tier 1 main contractor and consultancy firms in Ireland, Europe and North America in year 3 of the programme.



Career opportunities

Graduates are currently working all over the world on some of the largest construction projects around the globe.

Our graduates can expect a career as a high valued and integral member of the design team on construction projects of all sectors and values both nationally and internationally.

The cost skills of cost management, contractual knowledge, negotiation and communication skills are an integral part of the course we offer in SETU.

Graduates will be permitted direct entrance to the Assessment of Professional Competence.

Year 1 Modules

- Semester 1**
Intro to Management
Measurement & Estimating 1
Mathematics for Surveyors
Residential Technology 1
Communication & Study Skills
Intro to ICT
- Semester 2**
Intro to Construction Economics
Theory of Structures
Intro to Building Services
Intro to Construction Materials
BIM 1
Residential Technology 2



Bachelor of Engineering (Honours) Civil Engineering



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE719	Round 1: 219	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Shane Murray MSc E: shane.murray@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

This course develops the core skills that you will need as a Civil Engineering Technologist. You will learn the methods used in the design and construction of roads, buildings, bridges, water and sewage treatment plants. You will study the properties of the key materials including concrete, soils and stone aggregates. You will develop your CAD skills to create 2D and 3D drawings. You will learn to survey using our state-of-the-art equipment which includes levels,



Total Stations and GPS equipment.

The course is accredited by Engineers Ireland.

Career opportunities

Our graduates work with contractors, consultants or local authorities on civil engineering design, construction and maintenance works. You have the opportunity to contribute to the vital infrastructure that a modern country requires. A civil engineering qualification travels well - allowing graduates to work anywhere in the world. You may be able to transfer to our Level 8 Civil Engineering Honours Degree and qualify as a civil engineer if you achieve the required results in Year 3 of this course.

The demand for Civil Engineering Technologists greatly exceeds supply at present.

Year 1 Modules

- Semester 1**
Mathematics 1
Material Science
Engineering Science 1
Civil Engineering Technology 1
Engineering Drawing and Information Technology 1
- Semester 2**
Mathematics 2
Surveying & Setting Out 1
Engineering Science 2
Civil Engineering Technology 2
Engineering Drawing and Information Technology 2

Bachelor of Science (Honours) Quantity Surveying



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE705	Round 1: 312	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Fiona Dawson MBS, FSCSI, FRICS E: fiona.dawson@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Quantity surveyors oversee all aspects of construction costs, ensuring projects are completed on time and within budget. Our course develops essential skills, focusing on construction methods and technology, from housing to complex commercial developments. With a "ground-up" approach, students gain a comprehensive understanding of construction, become commercially aware, and benefit from an SCSI-accredited program that includes a full semester of work placement in the third year.



Career opportunities

Quantity surveyors can find employment with consultancy firms, general and specialist building contractors, local authorities and government departments.

Graduates will be qualified to:

- Manage building design costs
- Manage contract and procurement procedures
- Administer financial construction contracts and budgets
- Manage projects.

The current demand for quantity surveyors far exceeds the supply.

Year 1 Modules

- Semester 1**
Land Surveying
AutoCad, IT & Communications
Intro to the Construction Industry
Domestic Technology & Structural Appreciation 1
Applied Mathematics
- Semester 2**
Materials, Building & Land Surveying
Quantity Surveying Principles & Procedures
Domestic Technology & Structural Appreciation 2
Building Services 1
Building Information Modelling 1



ENGINEERING



Bachelor of Engineering (Honours) Aerospace Engineering



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE714	Round 1: 462	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Gerard Gibbs PhD E: gerard.gibbs@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Aerospace engineering covers the design and development of all types of aircraft including: airplanes, helicopters, satellites and spacecraft.

Aerospace engineers bring concepts to reality by applying the principles of engineering to the design, manufacture and operation of highly-sophisticated technologies for use in aviation and space exploration.

Career opportunities

Aerospace engineers work in many different aspects of the aerospace industry which can involve air vehicle design, engineering analysis, flight testing and development of avionic systems.

Year 1 Modules

- Semester 1**
- Engineering Mathematics 1
 - Aircraft Anatomy & Design 1
 - Aviation Science 1
 - Avionics Fundamentals 1
 - Management Fundamentals & Communications
- Semester 2**
- Engineering Mathematics 2
 - Aircraft Anatomy & Design 2
 - Aviation Science 2
 - Avionics Fundamentals 2
 - Aviation Engineering Practice



Bachelor of Engineering Aircraft Systems



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE729	Round 1: 410	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Gerard Gibbs PhD E: gerard.gibbs@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

Aircraft systems engineering is the field of study relating to the maintenance and airworthiness of aircraft. Aircraft system engineers work in the development of on board systems, including flight controls, landing gear, electrical power systems, hydraulics, and avionics systems.

Career opportunities

Aircraft system engineers work with airline and aircraft maintenance companies. The role of an aircraft systems engineer can involve maintenance scheduling, logistics and field support.

Year 1 Modules

- Semester 1**
- Engineering Mathematics 1
 - Aircraft Anatomy & Design 1
 - Aviation Science 1
 - Avionics Fundamentals 1
 - Management Fundamentals & Communications
- Semester 2**
- Engineering Mathematics 2
 - Aircraft Anatomy & Design 2
 - Aviation Science 2
 - Avionics Fundamentals 2
 - Aviation Engineering Practice



COMMON ENTRY Engineering (Waterford)

COURSE CODE	STREAMS	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
SE700	Automation Engineering Sustainable Energy Engineering Sustainable Civil Engineering Electronic Engineering Electrical Engineering	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O2/H6	Mr David Williams E: david.williams@setu.ie



About the course

The Common Entry Engineering Honours degree is for students interested in engineering as a career, but who may be unsure of which discipline to follow. Year 1 gives students the opportunity to explore the five Bachelor of Engineering (Honours) degree options and decide which is best for them: Automation, Electrical, Electronic, Sustainable Civil and Sustainable Energy.

Career opportunities

There are many types of Engineering all of which are focused on making a better world. Studying Engineering leads to exciting career options at home and abroad with top salaries across a wide range of industries. Engineers are shaping the future by applying their valuable knowledge and skills. They are central to innovation and new product development.

Year 1 Modules

Semester 1

Intro to Engineering
Engineering Computing
Engineering Maths 1
Engineering Professionalism
Engineering Physics 1

Semester 2

Engineering Maths 2
Engineering Physics 2

Choose four electives

Mechanics 1
Management for Engineers
BIM1
Land Surveying & Sustainable Energy
Intro to Embedded Programming
Intro to Electronic & Electrical Technology
DC Circuit Theory
Analogue Electronic Devices

Engineering — COMMON ENTRY Streams



COMMON ENTRY — Bachelor of Engineering (Honours) Automation Engineering

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE700	Round 1: 307	SE700 (Level 8) Engineering (Common Entry)	Dominick O'Brien MEng E: dominick.obrien@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Modern automation engineering combines elements of software programming, networking, databases, data intelligence, robotics, interfacing, instrumentation and electronics which are highly sought-after skills in sectors such as the pharmaceutical, medical device and food industries.



Career opportunities

Graduates for the BEng (Honours) in Automation Engineering may find employment in the following areas:

- Automation Engineering
- Control Engineering
- Research & Development
- Test & Measurement
- Data Intelligence
- Network Management
- Production Support
- Instrumentation.

Year 2 Modules

Semester 1

Instrumentation & Measurement
Electromechanical Devices & Interfacing
Engineering Mathematics
AC Circuit Theory
Mechatronics 1
Advanced Programming for Robotics

Semester 2

Control Systems
Industrial Instrumentation
Object Orientated Programming for Microcontrollers
Programmable Digital Systems
Intermediate Engineering Calculus
Industrial Automation



COMMON ENTRY — Bachelor of Engineering (Honours) Sustainable Energy Engineering



LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE700	Round 1: 307	SE700 (Level 8) Engineering (Common Entry)	Colm Tynan MEng E: colm.tynan@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This programme investigates energy and its uses in areas such as sustainable low energy building design, low and zero carbon heat and power generation technologies (including renewables), energy management, energy storage and carbon emissions.

Become an engineer who designs energy systems, optimise energy performance, understands alternative energy technologies and environmental impact.



Career opportunities

Graduates from the BEng (Honours) in Sustainable Energy Engineering will be equipped with the knowledge and skills required to pursue a career within the energy sector either in Ireland or abroad. No two days as an energy engineer are the same. Graduates may find employment in the following areas:

- Renewable Energy
- Energy Systems Management
- Site Engineer
- Low Energy Building Design
- Energy Auditing
- BIM & Energy Simulation.

Year 2 Modules

Semester 1

BIM 2 – Mechanical Services Design 1
Engineering Maths 3
Heat Transfers in Buildings
Mechanical Building Services
Sustainable Heat & Power Generation
Engineering Finance

Semester 2

BIM 3 – Mechanical Services Design 2
Thermodynamics
Electrical Services Design
Engineering Maths 4
Materials for Sustainable Design
Introduction to Project Management



COMMON ENTRY — Bachelor of Engineering (Honours) Sustainable Civil Engineering



LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE700	Round 1: 307	SE700 (Level 8) Engineering (Common Entry)	Fintan Ryan MSc E: fintan.ryan@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

Civil Engineers work to achieve safe and sustainable development in a cost-effective, environmentally protective and socially responsible manner.

They utilise engineering principles to enhance the built and natural environment, and contribute to environmental protection and remediation, water conservation, environmental biotechnology, materials and infrastructure development.



Career opportunities

This course was established in 2010 and is very well regarded by industry, both in Ireland and internationally.

Having a civil engineering qualification that has sustainability as its core theme enables graduates to undertake a variety of design and construction roles in the future civil engineering industry.

Year 2 Modules

- Semester 1**
- Construction Health & Safety
 - Construction Technology
 - Built Environment Engineering Math 1
 - Reinforced Concrete Design
 - Site Works Design
 - BIM 2 and Surveying
- Semester 2**
- Built Environment Engineering Math 2
 - Environmental Engineering
 - Fluid Mechanics
 - Introduction to Project Management
 - Structural Analysis 1
 - Timber & Steel Design



COMMON ENTRY — Bachelor of Engineering (Honours) Electrical Engineering

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE700	Round 1: 307	SE700 (Level 8) Engineering (Common Entry)	Siobhan Wall MEng E: siobhan.wall@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

Electrical Engineering is concerned with the generation, transmission and distribution of Electrical power, the design and development of electrical machines and equipment and the specification of electrical service plans for industrial buildings and facilities.



Career opportunities

Employment Opportunities for BEng (Honours) in Electrical Engineering graduates.

Graduates from this programme may find employment in fields such as:

- Pharmaceutical Industry
- Medical Technology
- Process Control & Plant Automation
- Power Generation
- Renewable Energies
- Semiconductor Fabrication Industries.

Year 2 Modules

- Semester 1**
- Mechatronics 1
 - Electrical Engineering Systems
 - Instrumentation & Measurement
 - Lighting & Daylighting Design
 - Sustainable Heat & Power
 - Generation Technologies
 - Maths Ordinary Differential Equations
- Semester 2**
- Electrical Machines
 - Electrical Power Engineering
 - Electrical Services Design
 - Industrial Automation
 - Electrical Embedded Project
 - Maths Advanced Calculus



COMMON ENTRY — Bachelor of Engineering (Honours) Electronic Engineering

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE700	Round 1: 307	SE700 (Level 8) Engineering (Common Entry)	Fergal O'Hanlon MEng E: fergal.ohanlon@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

Electronic engineering is concerned with the design, development, manufacture, and application of electronic devices, circuits, and systems, encompassing both hardware and software. The skills acquired through an education as an electronic engineer are in high demand internationally and very transferable to other areas of employment. Electronic engineering at the heart of the rapid development of the world's information technology offers a broad range of exciting and rewarding career opportunities.



Career opportunities

Graduates from this well-regarded programme may find employment in fields such as:

- Robotics
- Mobile Systems
- Circuit Design
- Testing/Serviceing
- Internet of Things
- Software/IT
- Medical Technologies
- Pharmaceutical
- Manufacturing
- Transport/Aviation
- Aerospace Tech
- Automotive Industry
- Consumer Electronics
- Renewable Energy.

Year 2 Modules

- Semester 1**
- Advanced Programming for Robotics
 - Analogue Electronic Circuits 1
 - Finite State Machines
 - Maths Ordinary Differential Equations
 - Intro Telecoms Theory
 - AC Circuit Theory
- Semester 2**
- Analogue Electronic Circuits 2
 - Digital Systems
 - Electric Circuit Theory
 - Maths Advanced Calculus
 - Micro Electronics
 - Object Orientated Programming for Microcontrollers



Bachelor of Engineering Electrical Engineering

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE720	Round 1: 216	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Siobhan Wall MEng E: siobhan.wall@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

Electrical Engineering is concerned with the generation, transmission and distribution of Electrical power, the design and development of electrical machines and equipment and the specification of electrical service plans for industrial buildings and facilities.

Electrical Engineers work on the development of a smart electrical grid to allow for the effective use of renewable energies.



Career opportunities

Graduates from the BEng in Electrical Engineering may find employment in fields such as:

- Pharmaceutical Industry
- Medical Technology
- Manufacturing Engineering
- Power Generation
- Renewable Energies
- Electrical Contracting

Filling roles such as:

- Electrical Technician
- Maintenance Technician
- Field Service Engineer
- Electrical Services Engineer.

Year 2 Modules

- Semester 1**
- Fundamental Engineering Maths
 - Engineering Science
 - Electronic Devices & Circuits
 - Electrical Science 1
 - Engineering Professionalism & Technology
 - Electrical Engineering Apps & Practice
- Semester 2**
- Digital Electronics & Software
 - Discrete Active Circuits
 - Electrical Circuits
 - Electrical Design & Standards
 - Electrical Workshop
 - Introductory Calculus



Bachelor of Engineering (Honours) Electronic Engineering



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	STREAM LEAD
Carlow	SE708	Round 1: 299	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr David Allen PhD E: david.allen@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Electronics are at the heart of everyday life. Mobile and medical devices, vehicles, renewable energy systems and robots are now ubiquitous. As these technologies evolve, electronic engineers are at the forefront of this technological revolution. Electronic engineers work on cutting-edge research and development (R&D), semi-conductor fabrication, design, prototyping and software development. The course is a blend of theory, practical classes and hands-on project-based learning.



Career opportunities

Electronic engineers have a wealth of career prospects to choose from.

Ireland is home to most of the multinational technology and biomedical giants, such as Intel, Analog Devices, Apple, Boston Scientific, Medtronic, Google, Facebook, to name but a few.

Graduates can pursue careers in research and development, design, development, implementation and integration, software, sales and more.

Year 2 Modules

Semester 1
Mathematics & Computer Applications 1
Electronic Engineering Practice 1
Electrical & Electronic Fundamentals
Engineering Science
Programming Systems

Semester 2
Mathematics & Computer Applications 2
Electronic Engineering Practice 2
Electrical & Electronic Circuits
Development on GNU/Linux
Technical Communications



Bachelor of Engineering Electronic Engineering

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE721	Round 1: 215	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Jason Berry MEng E: jason.berry@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

Common electronic systems include applications like mobile phones, sound and vision systems, computer and information technology, automation and machine control, robotics and biomedical engineering.

Electronic engineering is concerned with the design, development, manufacture and application of electronic devices, circuits and systems.



Career opportunities

Career opportunities for BEng in Electronic Engineering graduates:

- Telecommunications (e.g. Nokia, Ericssons)
- Microprocessor manufacture (e.g. Intel)
- Field service engineering (e.g. Siemens)
- Automotive Electronics
- Software development C/C++/JAVA
- Technical sales.

Year 1 Modules

Semester 1
Electronic Engineering Applications & Practice
Electrical Science 1
Electronic Devices & Circuit Technology
Engineering Professionalism & Technology
Engineering Science
Fundamental Engineering Maths

Semester 2
Discrete Active Circuits
Combinational Digital Systems
Electrical Science 2
Introductory Calculus
Electronic Design Software
Electronics Project



Bachelor of Engineering Electronic Engineering



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE722	Round 1: 242	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr David Allen PhD E: david.allen@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

Electronics are at the heart of everyday life. Mobile and medical devices, vehicles, renewable energy systems and robots are now ubiquitous. As these technologies evolve, electronic engineers are at the forefront of this technological revolution.

Electronic engineers work on cutting-edge research and development (R&D), semi-conductor fabrication, design, prototyping and software development.



Career opportunities

Electronic engineers have a wealth of career prospects to choose from.

Ireland is home to most of the multinational technology and biomedical giants, such as Intel, Analog Devices, Apple, Boston Scientific, Medtronic, Google, Facebook, to name but a few.

Graduates can pursue careers in research and development, design, development, implementation and integration, software, sales and more.

Year 1 Modules

Semester 1
Mathematics & Computer Applications 1
Electronic Engineering Practice 1
Electrical & Electronic Fundamentals
Engineering Science
Programming Systems

Semester 2
Mathematics & Computer Applications 2
Electronic Engineering Practice 2
Electrical & Electronic Circuits
Development on GNU/Linux
Technical Communications

Higher Certificate in Engineering Electronic Engineering

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE730	Round 1: 443	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Martin Hayes PhD E: martin.hayes@setu.ie
	LEVEL	COURSE DURATION		
	6	2 YEARS		

About the course

Electronic Engineering is concerned with the design, development, manufacture and application of electronic devices, circuits and systems. Embedded Software is now common place in modern electronics. This programme is structured to enable a student to:

- develop solid technical skills in electronic hardware and software for employment and/or further education purposes
- have an understanding of and commitment to professional & ethical engineering practice towards people, society and the environment.



Follow-on SETU undergraduate programmes are available at Level 7 and Level 8.

Career opportunities

Graduates of the Higher Certificate in Engineering in Electronic Engineering find work in the following areas:

- Assembly, testing and troubleshooting of electronic equipment
- Operation and servicing of electronic equipment
- Technical sales and technical support
- Hardware and software applications.

Year 1 Modules

Semester 1
Electronic Engineering Applications & Practice
Electrical Science 1
Electronic Devices & Circuit Technology
Engineering Professionalism & Technology
Engineering Science
Fundamental Engineering Maths

Semester 2
Discrete Active Circuits
Combinational Digital Systems
Electrical Science 2
Introductory Calculus
Electronic Design Software
Electronics Project



Bachelor of Engineering (Honours) Biomedical Electronics

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE709	Round 1: 288	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Christopher Kufazvinei PhD E: chris.kufazvinei@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Biomedical electronics involves the application of electronic circuits and technologies for treating medical conditions, monitoring health problems and improving quality of life for patients.

Examples include:

- Medical implants (cardiac defibrillators, pacemakers, deep brain neuro-stimulators, insulin pumps)
- Medical monitors (ECG, EEG)
- Diagnostic equipment (ultrasound, MRI, PET, CT, X-ray)



- Life support (ventilators, incubators);
- Surgical equipment (endoscopy and electrosurgical).

Career opportunities

MedTech Sector:

- Research and development (R&D)
- Design of electronic circuits and systems for medical technologies
- Advanced manufacturing processes
- Specialist rehabilitation engineering
- Wearable and connected health products
- Clinical medicine & pharmaceutical products
- Engineering consultancy on biomedical technologies.

Year 1 Modules

Semester 1

Mathematics & Computer Applications 1
Electrical & Electronic Fundamentals
Programming Systems
Physiology & Cell Biology 1

Semester 2

Mathematics & Computer Applications 2
Electrical & Electronic Circuits
Technical Communications
Prototyping
Physiology & Cell Biology 2



Bachelor of Engineering (Honours) Robotics & Automated Systems

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE710	Round 1: 309	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Dorel Picovici PhD E: dorel.picovici@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Robotics and automated systems is a multidisciplinary area that combines electronic engineering, mechanical engineering, and computer science.

Students learn about industrial and collaborative robots, automation, embedded programming, control systems, automated decision-making and power electronics, which find application in almost every industry such as pharmaceutical, automotive, healthcare and agriculture.



Career opportunities

- Robotics Engineers / Test Engineers
- Automation System Engineers
- Senior Automation Engineer
- Senior Controls Engineer
- Senior C++ Engineer – R&D role
- Process Excellence Analyst
- Controls Team Lead
- Robotics Process Automation (RPA) Consultant
- Maintenance Test Engineer
- Field Service Engineer
- Solutions Architect Senior Consultant
- Engineering Project Manager.

Year 1 Modules

Semester 1

Robotics Programming 1
Engineering Mathematics 1
Static Mechanics
Electrical & Electronic Fundamentals
Computer Aided Drafting

Semester 2

Robotics Project
Engineering Mathematics 2
Dynamic Mechanics
Electrical & Electronic Circuits



Bachelor of Engineering Biomedical Electronics

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE727	Round 1: 356	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Christopher Kufazvinei PhD E: chris.kufazvinei@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

Biomedical electronics involves the application of electronic circuits and technologies for treating medical conditions and monitoring health problems for patients.

Examples include:

- Medical implants (cardiac defibrillators, pacemakers, deep brain neuro-stimulators, insulin pumps)
- Medical monitors (ECG, EEG)
- Diagnostic equipment (ultrasound, MRI, PET, CT, X-ray)



- Life support (ventilators, incubators);
- Surgical equipment (endoscopy and electrosurgical).

Career opportunities

MedTech Sector:

- Research and development (R&D),
- Design of electronic circuits and systems for medical technologies
- Advanced manufacturing processes
- Specialist rehabilitation engineering
- Wearable and connected health products
- Clinical medicine & pharmaceutical products
- Engineering consultancy on biomedical technologies.

Year 1 Modules

Semester 1

Mathematics & Computer Applications 1
Electrical & Electronic Fundamentals
Programming Systems
Physiology & Cell Biology 1

Semester 2

Mathematics & Computer Applications 2
Electrical & Electronic Circuits
Technical Communications
Prototyping
Physiology & Cell Biology 2

Bachelor of Engineering Robotics & Automated Systems

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE728	Round 1: 271	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Dorel Picovici PhD E: dorel.picovici@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

Robotics and automated systems is a multidisciplinary area that combines electronic engineering, mechanical engineering, and computer science.

Students learn about industrial and collaborative robots, automation, embedded programming, control systems, automated decision-making and power electronics, which are used in a range of applications e.g. packaging, welding, painting, machining and inspecting parts across all industry sectors.



Career opportunities

- Robotics Engineers / Test Engineers
- Automation System Engineers
- Senior Automation Engineer
- Senior Controls Engineer
- Senior C++ Engineer – R&D role
- Process Excellence Analyst
- Controls Team Lead
- Robotics Process Automation (RPA) Consultant
- Maintenance Test Engineer
- Field Service Engineer
- Solutions Architect Senior Consultant
- Engineering Project Manager.

Year 1 Modules

Semester 1

Robotics Programming 1
Engineering Mathematics 1
Static Mechanics
Electrical & Electronic Fundamentals
Computer Aided Drafting

Semester 2

Robotics Project
Engineering Mathematics 2
Dynamic Mechanics
Electrical & Electronic Circuits

Bachelor of Engineering (Honours) Mechanical Engineering



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE711	Round 1: 433	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Joe Dillane MA E: joe.dillane@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Mechanical engineering is one of the most diverse of the engineering disciplines. It deals with the design and manufacture of everything, from small individual parts and devices to large systems.

A mechanical engineer takes ideas from concept to reality. It requires specialist engineering knowledge combined with creative thinking, problem solving, team working and analytical skills.



The course equips graduates with specialist skills required to manage complete mechanical engineering

processes - from design through to output.

Career opportunities

Mechanical engineers work in a diverse range of industries including: automotive; aerospace; biotechnology; computers and electronics; microelectromechanical systems; energy conversion; environmental control; automation and manufacturing.

Graduates will have a variety of career options open to them such as working in industry, government, consultancy or research centres.

Year 1 Modules

Semester 1

Engineering Mathematics 1
Mechatronics 1
Static Mechanics
Computer Aided Drafting
Technical Communications

Semester 2

Engineering Mathematics 2
Mechatronics 2
Dynamic Mechanics
Workshop Practices
Fluid Mechanics 1



Bachelor of Engineering (Honours) Mechanical & Manufacturing Engineering

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE712	Round 1: 272	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O3/H7 *Subjects compensation	Dr Abdulaleem Albadawi PhD E: abdulaleem.albadawi@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This is a broad area focusing on the design and development of products and processes.

Mechanical engineering has a strong product and equipment design element, while manufacturing engineering analyses the processes and systems required to produce goods.

Streams include: biomedical engineering, automation and additive manufacturing.

* H5 or better in Lab Science or technical subject compensates for not making the required maths grade.



Career opportunities

Graduates of the course may find work in the following areas:

- Process Design and Improvement
- Enterprise Resource & Facilities Management
- Product Design & Development
- Manufacturing Engineering
- Research & Development
- Quality Management

Past graduates are with international industry including Bausch & Lomb, Boston Scientific, Sanofi, Intel, Stryker, De Puy and Radley Engineering.

Year 1 Modules

Semester 1

Engineering Maths 1
Physics
Materials 1
Engineering Drawing
Engineering Professionalism
Mechanical Systems

Semester 2

Mechanical Systems
Engineering Mechanics
Computer Aided Drafting
Electrical Science
Intro to Engineering Calculus
Manufacturing Systems



Bachelor of Engineering Mechanical Engineering



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE724	Round 1: 368	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Joe Dillane MA E: joe.dillane@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

Mechanical engineering is one of the most diverse of the engineering disciplines. It deals with the design and manufacture of everything, from small individual parts and devices to large systems.

A mechanical engineer takes ideas from concept to reality. It requires specialist engineering knowledge combined with creative thinking, problem solving, team working and analytical skills.



Career opportunities

Mechanical engineers work in a diverse range of industries including: automotive; aerospace; biotechnology; computers and electronics; microelectromechanical systems; energy conversion; environmental control; automation and manufacturing.

Graduates will have a variety of career options open to them such as working in industry, government, consultancy or research centres.

Year 1 Modules

Semester 1

Engineering Mathematics 1
Mechatronics 1
Static Mechanics
Computer Aided Drafting
Technical Communications

Semester 2

Engineering Mathematics 2
Mechatronics 2
Dynamic Mechanics
Workshop Practices
Fluid Mechanics 1

Bachelor of Engineering Mechanical Engineering

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE723	Round 1: 204	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Pdraig Donovan E: padraig.donovan@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

There is an unprecedented demand for Mechanical Engineering Degree Graduates locally, nationally and internationally. Mechanical engineering is the branch of engineering that deals with the design and manufacture of machinery and tools. Mechanical engineers use applied maths and science to design a wide range of machines, from domestic household appliances to sophisticated machines such as aircraft and automobiles.

To reflect the practical nature of mechanical engineering, the course contains a number of laboratory classes. These include



Workshop, Automation, Materials, Science and Automotive laboratories. In addition, industrial visits and field trips are used to enhance the learning experience.

Career opportunities

Graduates of BEng in Mechanical Engineering have found employment in such areas as:

- Engineering support roles in Manufacturing, Energy, Automotive and Automation
- Engineering Supervisor
- Maintenance Engineer
- Associate Design Engineer
- Technical Sales Advisor
- Technical Trainer.

Year 1 Modules

Semester 1

Electrical Technology
Fundamental Engineering Maths
Mechanical & Manufacturing Technology
Engineering Professionalism & Technology

Semester 2

Engineering Science
Mechanical Workshop
Manufacturing Technology 1
Introductory Calculus
Materials Technology 1
Mechanical Science
Engineering Drawing / CAD
Production Technology 1



Higher Certificate in Engineering Mechanical Engineering

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE731	Round 1: 200	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Robert McGowan E: robert.mcgowan@setu.ie
	LEVEL	COURSE DURATION		
	6	2 YEARS		

About the course

Mechanical Engineering is the branch of engineering that deals with the design and manufacture of machinery and tools.

Mechanical engineers use applied maths and science to design a wide range of machines, from domestic household appliances to sophisticated machines such as aircraft and automobiles.

Career opportunities

Graduates in the Higher Certificate in Engineering in Mechanical Engineering have found employment in such areas as:

- Plant operation and maintenance
- CAD/ Drawing Office
- CNC Programmer
- Manufacturing Engineering Support
- Assistant Design Engineer
- Technical Sales Person.

Year 1 Modules

Semester 1

Electrical Technology
Fundamental Engineering Maths
Mechanical & Manufacturing Technology
Engineering Professionalism & Technology
Engineering Science
Mechanical Workshop

Semester 2

Machine System
Introductory Calculus
Materials Technology 1
Mechanical Science
Engineering Drawing / CAD
Production Technology 1



Bachelor of Engineering (Honours) Agricultural Systems Engineering

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE732	Round 1: 313	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Anthony Nolan PhD E: anthony.nolan@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This programme focuses on agricultural science, agri-business, agricultural engineering and agricultural systems.

Students will develop knowledge in areas such as sensing technology, electro-pneumatics, electro-hydraulics, automation, agribusiness, management, marketing and product pricing.

Career opportunities

The main areas of employment for graduates of this programme are:

- Design of agricultural machinery and equipment
- Control system design
- Agri systems testing and maintenance
- Advising the agrifood industry
- Design of agricultural/food processing infrastructural works.

Year 1 Modules

Semester 1

Engineering Mathematics 1
Principles of Crop and Grassland Production
Applied Physics for Agriculture 1
Mechatronics for Agriculture

Semester 2

Engineering Mathematics 2
Principles of Animal Production
AgriBusiness Management
Agricultural Design & Mechanisation



Bachelor of Engineering Manufacturing Engineering

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE725	Round 1: 322	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Pdraig Donovan E: padraig.donovan@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

Manufacturing engineering is the branch of engineering that oversees the complex process of making things on a large scale.

Manufacturing engineers design the processes, the systems and the tools used in the manufacturing of a product. They ensure that the plant works efficiently and effectively to produce high quality products, often incorporating automated and robotics systems.

Career opportunities

There is an unprecedented demand for Manufacturing Engineering Graduates locally, nationally and internationally in the pharmaceutical and biomedical industries, precision engineering and manufacturing companies as well as in design and automation specialists.

Year 1 Modules

Semester 1

Electrical Technology
Engineering Professionalism & Technology
Engineering Science
Mechanical & Manufacturing Technology
Mechanical Workshop
Fundamental Engineering Maths

Semester 2

Production Technology 1
Engineering Drawing / CAD
Mechanical Science
Machine Systems
Introductory Calculus
Materials Technology 1



Bachelor of Engineering Agricultural Systems Engineering

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE733	Round 1: 263	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr John Carroll PhD E: john.carroll@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

This programme focuses on agricultural science, agri-business, agricultural engineering and agricultural systems.

Students will develop knowledge in areas such as sensing technology, electro-pneumatics, electro-hydraulics, automation, agribusiness, management, marketing and product pricing.

Career opportunities

The main areas of employment for graduates of this programme are:

- Design of agricultural machinery and equipment
- Control system design
- Agri systems testing and maintenance
- Advising the agrifood industry
- Design of agricultural/food processing infrastructural works.

Year 1 Modules

Semester 1

Engineering Mathematics 1
Principles of Crop and Grassland Production
Applied Physics for Agriculture 1
Mechatronics for Agriculture

Semester 2

Engineering Mathematics 2
Principles of Animal Production
AgriBusiness Management
Agricultural Design & Mechanisation



MEDIA, DESIGN & MUSIC



Bachelor of Science (Honours) TV & Media Production

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE208	Round 1: 311	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Jenny Russell E: jenny.russell@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

The Bachelor of Science (Honours) in TV & Media Production is a hands-on course that covers a wide range of media skills. Students will find themselves immersed in the practical world of media, working together to create productions for TV, radio and online.

This course allows students to develop and apply practical skills in writing, editing, camera, sound and graphics over four years. Students will complete a work placement in year 3. It also provides students with the



theoretical knowledge and legal backdrop for their future careers in TV & media production.

Career opportunities

The range of career options open to graduates of this course is extensive and varied. It includes roles such as:

- Production Crew
- Researcher for Factual Programmes
- Video Editing & Motion Graphics
- Media Entrepreneur
- Director / Producer for TV.

Year 1 Modules

Semester 1
Intro to TV Studio Production 1
Intro to Production
Visual Culture
Intro to Audio
Principles of Light

Semester 2
Intro to Single Camera Production
Intro to Post Production
Writing for the Screen
Media Skills
Principles of Sound



WORK PLACEMENT
AVAILABLE

Bachelor of Science TV & Media Production

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE212	Round 1: 270	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Jenny Russell E: jenny.russell@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

The Bachelor of Science in TV & Media Production is a hands-on course. Students will be immersed in the practical world of media, working in teams on their productions.

Graduates of this course will be equipped to:

- Research, plan and manage TV and film productions
- Film and edit their footage to high standards
- Create motion graphics to professional broadcast standards



- Understand the legal requirements associated with commissioning and broadcasting.

Career opportunities

The range of career options open to graduates of this course is extensive and varied. It includes roles such as:

- Production Crew
- Researcher for Factual Programmes
- Video Editing & Motion Graphics
- Media Entrepreneur
- Director / Producer for TV.

Year 1 Modules

Semester 1
Intro to TV Studio Production 1
Intro to Production
Visual Culture
Intro to Audio
Principles of Light

Semester 2
Intro to Single Camera Production
Intro to Post Production
Writing for the Screen
Media Skills
Principles of Sound



WORK PLACEMENT
AVAILABLE

Bachelor of Arts (Honours) Public Relations & Media

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE409	Round 1: 276	2 subjects: H5 4 subjects: O6/H7 English: O3/H6	Gregg Murphy E: gregg.murphy@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

This degree provides graduates with key skills for media and creative industries including radio and television presentation, video editing, digital design, media writing and journalism.

Expert knowledge and state-of-the-art facilities prepare graduates for a range of workplaces including radio, social media and exciting roles in the communications departments of local and global companies.

The course combines a mix of practical and theoretical media and PR subjects.



Career opportunities

Students graduate with business knowledge, technical know-how and a digital portfolio of their creative work.

Career opportunities include communications departments of global businesses, radio stations, online media companies and many graduates go on to set up their own independent companies.

This degree provides learners with all the skills they need to start a career in these exciting and fast-paced environments.

Year 1 Modules

Semester 1

Intro to Information Technology
Intro to Media Studies 1
Professional Writing & Research in the Digital Age
Intro & History of Public Relations
Intro to Digital Marketing Management 1

Semester 2

Social Psychology
Intro to Media Studies 2
Management 2
Theories & Best Ethical Practice of Public Relations
Social Media Marketing
Applied Information Technology



Bachelor of Arts (Honours) Content Creation and Social Media

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE300	Round 1: 308	2 subjects: H5 4 subjects: O6/H7 English: O3/H6	Dr Irene McCormick EdD E: irene.mccormick@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

The BA in Content Creation and Social Media (Honours) produces graduates who are champions of their own growth as people and practitioners in a supportive atmosphere structured around key skillsets and knowledge attainment. Over 4 years, the programme offers practical and theoretical modules and work-experience, building the expertise of learners and allowing them the creative freedom to graduate with a strong individual aesthetic and knowledge of professional standards. The programme provides industry aligned training in skills essential for content creation



including multi-modal writing, video and audio editing, platform awareness and multi-screen production. The programme provides a targeted approach to educating learners in all aspects of content creation and social media.

Career opportunities

- Content creation
- Content writer/editor
- Journalism
- Communications
- Social media/content marketing
- Influencing
- Content Management
- Digital design.

Year 1 Modules

Semester 1

An Introduction and History of Public Relations
Intro to Media Studies 1
Professional Writing and Research in the Digital Age
Intro to Digital Marketing
Intro to Information Technology
Intro to Data Analysis for Digital Marketing

Semester 2

Intro to Media Studies 2
Social Media Marketing
Social Psychology
Social Media Entrepreneurship
Data Analysis for Digital Marketing
Applied Information Technology



Bachelor of Arts Public Relations & Media

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE417	Round 1: 202	5 subjects: O6/H7 English or Irish: O6/H7	Gregg Murphy E: gregg.murphy@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

This degree provides graduates with key skills for media and creative industries including radio and television presentation, video editing, digital design, media writing and journalism.

Expert knowledge and state-of-the-art facilities prepare graduates for a range of workplaces including radio, social media and exciting roles in the communications departments of local and global companies.



Career opportunities

Students graduate with business knowledge, technical know-how and a digital portfolio of their creative work.

Career opportunities include communications departments of global businesses, radio stations, online media companies and many graduates go on to set up their own independent companies.

This degree provides learners with all the skills they need to start a career in these exciting and fast-paced environments.

Year 1 Modules

Semester 1

Intro to Information Technology
Intro to Media Studies 1
Professional Writing & Research in the Digital Age
Intro & History of Public Relations
Intro to Digital Marketing Management 1

Semester 2

Social Psychology
Intro to Media Studies 2
Management 2
Theories & Best Ethical Practice of Public Relations
Social Media Marketing
Applied Information Technology



Bachelor of Arts Content Creation and Social Media

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE301	Round 1: 224	5 subjects: O6/H7 English or Irish: O6/H7	Dr Irene McCormick EdD E: irene.mccormick@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

The BA in Content Creation and Social Media produces graduates who are champions of their own growth as people and practitioners in a supportive atmosphere structured around key skillsets and knowledge attainment. Over 3 years, the programme offers practical and theoretical modules and work-experience, building the expertise of learners and allowing them the creative freedom to graduate with a strong individual aesthetic and knowledge of professional standards. The programme provides industry aligned training in skills essential for



content creation including multi-modal writing, video and audio editing, platform awareness and multi-screen production. The programme provides a targeted approach to educating learners in all aspects of content creation and social media.

Career opportunities

- Content creation
- Content writer/editor
- Journalism
- Communications
- Social media/content marketing
- Influencing
- Content Management
- Digital design.

Year 1 Modules

Semester 1

An Introduction and History of Public Relations
Intro to Media Studies 1
Professional Writing and Research in the Digital Age
Intro to Digital Marketing
Intro to Information Technology
Intro to Data Analysis for Digital Marketing

Semester 2

Intro to Media Studies 2
Social Media Marketing
Social Psychology
Social Media Entrepreneurship
Data Analysis for Digital Marketing
Applied Information Technology



Bachelor of Arts (Honours) Product Design Innovation

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE202	Round 1: 252	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Hilary Dempsey MA E: hilary.dempsey@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This course is a dynamic blend of art and engineering, harnessing creativity and imagination to design solutions for new product development. It offers a deep understanding of human-centric design, driven by insights into how people live, work, and play. Our students become proficient in tools like SolidWorks, Photoshop, and Illustrator, enhancing their problem-solving, making, doing, and teamwork skills. The skills of sketching and workshop form a central pillar of the programme and are an intrinsic part of the delivery. The course leverages design thinking and research to create solutions that improve people's lives



and performance, highlighting design as a creative, collaborative, and life-enhancing pursuit.

Career opportunities

Our graduates enjoy diverse career opportunities. Design specific paths include in-house design, design consultancies and the entrepreneurial path of freelance design. Their versatility opens doors to careers in product design, UX design, medical device design, sustainable design, service design and beyond. The programme equips graduates for a range of career paths including the skills and confidence necessary to bring their own innovations to market.

Year 1 Modules

- Semester 1**
 Digital Presentation
 Digital Modelling & Materials
 Workshop Practice
 Design Discourse
- Semester 2**
 Design Studio 1 (Skills & Process)
 Digital Communications
 Digital Modelling & Process
 Ergonomics & Model Making
 Design Trends



Bachelor of Arts (Honours) Visual Communications & Design

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Wexford	SE204	Round 1: 235	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7	Patrick Morgan MA E: patrick.morgan@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Visual Communications and Design is a problem-solving studio practice that uses image, text, print and screen to communicate messages.

Based around the principles and processes of graphic design, students incorporate traditional skills of illustration, printing, photography, image making, typography and other graphic processes with the digital realms of video, web and screen design.



Career opportunities

Our graduates are employed across a wide range of sectors. From advertising agencies to printing companies, from web design companies to in-house designers.

The creative skills they acquire, including critical thinking and problem-solving are applicable across various industries. Specialisms include: brand designer, illustrators, web designer, app designer, UX/UI designers, content creation, desktop publishing, packaging design and digital media.

Graduates also find careers in the broader areas of digital marketing.

Year 1 Modules

- Semester 1**
 Visual Studies - Skills Based Workshops
 Visual Studies - Notebook Research
 Visual Studies - Colour, Drawing, 3D
 Art & Design: Themes & Contexts
- Semester 2**
 Digital Media Design
 Visual Studies Themed Project
 Photography & Video
 Visual & Material Culture

Bachelor of Arts Design

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE209	Round 1: 308	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Emmet Sexton BA (Honours) E: emmet.sexton@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

The Design degree at SETU promotes the practical application of creativity, integrating technical expertise, originality, and aesthetics. Effective design streamlines our interaction with daily products, applications, and services, making them intuitive, efficient, and enjoyable. It encompasses all aspects from physical items and app interfaces to packaging and visual communication, emphasising creative problem-solving, hands-on work, communication, and teamwork.



The programme utilises studio and workshop in conjunction with tools such as SolidWorks, Photoshop,

and Illustrator, in the creation and improvement of our everyday experiences. The skills of sketching and workshop form a central pillar of the programme.

Career opportunities

Our graduates enjoy diverse career opportunities. Design specific paths include in-house design, design consultancies and the entrepreneurial path of freelance design. Their versatility opens doors to careers in product design, UX design, medical device design, sustainable design, service design and beyond. The programme equips graduates for a range of career paths, underlining the broad employability of our alumni.

Year 1 Modules

- Semester 1**
 Digital Presentation
 Digital Modelling & Materials
 Workshop Practice
 Design Discourse
- Semester 2**
 Design Studio 1 (Skills & Process)
 Digital Communications
 Digital Modelling & Process
 Ergonomics & Model Making
 Design Trends



Bachelor of Arts Visual Communications & Design

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Wexford	SE210	Round 1: 214	5 subjects: O6/H7 English or Irish: O6/H7	Patrick Morgan MA E: patrick.morgan@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

Visual Communications and Design is a problem-solving studio practice that uses image, text, print and screen to communicate messages.

Based around the principles and processes of graphic design students incorporate traditional skills of illustration, printing, photography, image making, typography and other graphic processes with the digital realms of video, web and screen design.



Career opportunities

Our graduates are employed across a wide range of sectors. From advertising agencies to printing companies, from web design companies to in-house designers.

The creative skills they acquire, including critical thinking and problem-solving are applicable across various industries. Specialisms include: brand designer, illustrators, web designer, app designer, UX/UI designers, content creation, desktop publishing, packaging design and digital media.

Graduates also find careers in the broader areas of digital marketing.

Year 1 Modules

- Semester 1**
 Visual Studies - Skills Based Workshops
 Visual Studies - Notebook Research
 Visual Studies - Colour, Drawing, 3D
 Art & Design: Themes & Contexts
- Semester 2**
 Digital Media Design
 Visual Studies Themed Project
 Photography & Video
 Visual & Material Culture

Bachelor of Arts (Honours) Design (Visual Communications)

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford (College St campus)	SE201	Round 1: 301	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 Art or Design & Communication Graphics: O3/H5	Jackie Raftery MPhil E: jackie.raftery@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Visual Communication also referred to as graphic design covers several topics such as illustration, typography, print and screen graphics, packaging and page layout.

The course includes the creation of artwork for the print and screen graphic using traditional skills and design software packages, ie the Adobe suite and Apple Macintosh computers.



Career opportunities

Graphic Designer in a Graphic Design Company or as an In-house Graphic Designer in a large company, or as a sole trader.

Graphic designers can work in packaging, corporate identities, advertising, book publishing, illustration, printed or screen graphics and typography.

Year 1 Modules

Semester 1

Design Core 1 - Principles of Design
Design Technology 1
Illustration 1
Photography 1
Writing & Study Skills

Semester 2

Design Core 2 - Typographic Design
Design Technology 2
Illustration 2
Photography 2
Research Methods



Bachelor of Arts (Honours) Art

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Wexford	SE207	**	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7	Brian Garvey MA E: brian.garvey@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

The course provides specialist training to a professional level.

First year is interdisciplinary with electives in painting or sculpture practices in Years 2, 3 and 4 complimented by theory lectures, group critique and professional practice.

The course fosters a learning environment for the development of independent creative individuals with the ability to sustain a unique art practice and world view.



Career opportunities

Your career opportunities can be in your chosen art specialism.

You will also be qualified to work in related fields like film, photography, theatre, information technology, art handling, exhibition installation, community arts and arts administration.

Your visual cultural training will enable you to become an art critic or writer.

** Entry through a combination of leaving cert points and portfolio.

Year 1 Modules

Semester 1

Visual Studies Colour, Drawing, 3D
Visual Studies Skills-based Workshops
Visual Studies Notebook Research
Art & Design: Themes & Contexts

Semester 2

Visual & Material Culture
Digital Media Design
Photography & Video
Visual & Material Culture

Bachelor of Arts (Honours) Visual Art

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford (College St campus)	SE203	Round 1: 271	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 Art or Design & Communication Graphics: O3/H5	Dr Susan Connolly PhD E: susan.connolly@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Art as a subject taught at third level encourages self-expression and creativity while building confidence and creative skills as well as a sense of individual identity.

Most important, studying Visual Art at SETU helps to develop students critical thinking and the ability to interpret the world around us through determination and resilience while opening up new possibilities.

Career opportunities

Graduates of the programme may find work in the following areas:



- Professional Artists
- Community Artists
- Art Teacher
- Arts Administrator
- Workshop Facilitator
- Arts Management
- Photography
- Gallery Curator.

Follow on study options:

- Masters in Fine Art
- Taught MA in Art & Heritage Management
- Masters by Research
- Art & Design Education.

Year 1 Modules

Semester 1

2D Media 1
3D Media 1
Art Core Studies 1
Art History 1: Research Methods
Creative IT Skills

Semester 2

2D Media 2
3D Media 2
Art Core Studies 2
Art History 2: Critical Thinking



Bachelor of Arts Art

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Wexford	SE211	**	5 subjects: O6/H7 English or Irish: O6/H7	Brian Garvey MA E: brian.garvey@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

The course provides specialist training to a professional level.

First year is interdisciplinary with electives in painting or sculpture practices in Years 2 and 3 complimented by theory lectures and professional practice.

The course fosters a learning environment for the development of independent creative individuals with an emphasis on developing a unique art practice.



Career opportunities

You will be able to commence your career as a professional artist, an artist's assistant or studio manager.

You will also be qualified to work in related fields like film, photography, theatre, information technology, art handling, exhibition installation, community arts and arts administration.

Your art history and cultural studies training will enable you to become an art critic or writer.

** Entry through a combination of leaving cert points and portfolio.

Year 1 Modules

Semester 1

Visual Studies Colour, Drawing, 3D
Visual Studies Skills-based Workshops
Visual Studies Notebook Research
Art & Design: Themes & Context

Semester 2

Visual Studies Themed Project
Digital Media Design
Photography & Video
Visual & Material Culture

Bachelor of Arts (Honours) Music

LAW

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford (College St campus)	SE206	Round 1: 282	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Hazel Farrell PhD E: hazel.farrell@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

The BA (Honours) in Music is a four year full-time degree which aims to give the student a well-rounded third level music education. The course offers a balance between practical and theoretical modules within the context of the principal music genres (classical, Irish traditional, jazz and popular). In Year 4 students can specialise in Performance, Composition, Research, or Music Technology.

Career opportunities

A degree in music is a valuable asset for access to many other careers. Music graduates are sought after in professions which demand a



high level of personal confidence, communication skills and expressive ability. Graduates are employed in:

- Performing
- Music Publishing & Editing
- Multi-media Composition & Arranging
- Music Therapy
- Music Journalism
- Education
- Sound Design
- Arts Management.

Year 1 Modules

Semester 1

- Aural Skills 1
- Critical Thinking & Writing Skills
- Music History 1 - The History of Early Music to the Baroque
- Music Technology 1
- Performance 1
- Rudiments of Music 1

Semester 2

- Music History 2: Popular Music
- Music Research Methodologies
- Music Technology 2
- Musicianship 1: Vocal & Irish Traditional
- Performance 2
- Rudiments of Music 2



Bachelor of Laws (Honours) Law (LLB)

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford (College St campus)	SE404	Round 1: 325	2 subjects: H5 4 subjects: O6/H7 English or Irish: O5/H7 Mathematics: O6/H7	Grainne Callanan LLM E: grainne.callanan@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

The Bachelor of Laws (Honours) (LLB) is a full-time four-year programme that is both challenging and stimulating.

As well as providing a broad based legal education, our law degree equips students with analytical, problem-solving, communication and research skills.

Career opportunities

Career opportunities are diverse. Many graduates pursue legal professional careers e.g. solicitor or barrister. Others pursue careers where legal knowledge is relevant and advantageous including careers in banking, finance, insurance, governance, public service, journalism and politics.

The degree is recognised by the Law Society and an approved degree for entry to King's Inns.

Year 1 Modules

Semester 1
Government & Politics of Ireland
Intro to Civil Liability 1
Intro to Family Relationships & the Law
Legal Methods
Legal Skills 1
The Irish Legal System 1

Semester 2
Children, Law & Society
Current Legal Issues
Intro to Civil Liability 2
Law & Social Justice
Legal Skills 2
The Irish Legal System 2



Bachelor of Arts (Honours) Criminal Justice Studies

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford (College St campus)	SE406	Round 1: 287	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Mr Donal Keating E: donal.keating@setu.ie
	LEVEL	COURSE DURATION		
	8	3 YEARS		

About the course

The Bachelor of Arts (Honours) in Criminal Justice Studies is a multi-disciplinary course aimed at developing the knowledge and competencies required to work or pursue further study in a wide variety of areas within the criminal justice system.

Students will study an array of modules from various disciplines including law, criminology, psychology, sociology and social policy.

Career opportunities

- An Garda Síochána
- Irish Prison Service
- Victim Support Organisations
- Post-Prison Organisations
- Youth Diversion Schemes
- Civil Service such as Department of Justice
- Postgraduate Research and Academia
- Anti-Fraud and Compliance
- Journalism.

Year 1 Modules

Semester 1
Intro to Criminal Justice Studies
Intro to Psychology
Intro to Sociological Problems
Irish Law & Governance
Social Policy, Poverty & Social Exclusion
Critical Thinking & Writing Skills

Semester 2
Applied Forensics
Irish Fundamental Rights
Irish Social Policy
Irish Law & Governance 2
Sociology of Contemporary Ireland
Intro to Research



Bachelor of Laws (Honours) Law (LLB)

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE405	Round 1: 300	2 subjects: H5 4 subjects: O6/H7 English: O3/H6	John Tully LLM E: john.tully@setu.ie
	LEVEL	COURSE DURATION		
	8	3 YEARS		

About the course

The LLB is a traditional law degree offering a curriculum of core and elective law subjects.

Students are supported in acquiring substantive legal knowledge, skills in legal research and analysis, and both written and verbal communication.

The course seeks to impart a sound understanding of law and the intellectual foundations necessary to prepare for a career as a legal professional.

Career opportunities

The LLB provides excellent preparation for work in a legal capacity in both the public and private sectors with most graduates undertaking professional training to qualify as a solicitor or barrister. However, there are many other careers for which a law degree is valuable, such as journalism, business, financial services, politics, human resources, research, policing, and academia.

The degree is recognised by the Law Society and an approved degree for entry to King's Inns.

Year 1 Modules

Semester 1
Tort Law 1
The Irish Legal System 1
Criminal Law 1
Legal Research & Communications
Constitutional Law 1

Semester 2
Tort Law 2
The Irish Legal System 2
Criminal Law 2
Legal Practice & Procedure
Constitutional Law 2



Higher Certificate in Arts Legal Studies

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford (College St campus)	SE422	Round 1: 220	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Stephanie O'Flynn PhD E: stephanie.oflynn@setu.ie
	LEVEL	COURSE DURATION		
	6	2 YEARS		

About the course

This is a two year, entry-level course, that provides students with a foundational knowledge of a broad range of legal subjects and various legal and business-related skills that can be utilised in a wide range of employment settings.

The course may also suit students who do not have a specific career in mind because whatever career or educational path a student may ultimately pursue, law is relevant to all careers and industries.

Career opportunities

- Solicitors' Offices
- An Garda Síochána
- Civil Service
- Banks & Building Societies
- Insurance Companies and other regulated industries.

Progression

- BA in Legal Studies
- BA (Honours) in Legal Studies with Business.

Year 1 Modules

Semester 1
Information Skills
Information Technology & Applications
Intro to the Irish Legal System 1,
Intro to Commercial Law
Intro to Contract Law
Intro to Crime

Semester 2
Legal Writing Skills
Intro to Labour Law
Intro to Land Law
Intro to Torts
Intro to the Irish Legal System 2
Legal Literacy & Research



Higher Certificate in Arts Legal Studies

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE423	Round 1: 204	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Ivan Sheeran B.L. E: ivan.sheeran@setu.ie
	LEVEL 6	COURSE DURATION 2 YEARS		

About the course

Knowledge of the law and legal systems is important for people in many walks of life.

Legal studies provides the professional and scholarly skills necessary for a general understanding of the law, as well as for law-related careers, public service or further graduate level study.

Graduates may be eligible to progress to Year 2 of level 8 Law (LLB) course at our Carlow campus.

Career opportunities

Graduates of the higher certificate course have many diverse career options available to them including legal roles such as: legal executive, law clerk or legal secretary.

There are also a range of careers available in many sectors such as: the Gardaí; Defence Forces; government agencies; banking; property management; insurance, taxation; accounting; retail management.

Year 1 Modules

Semester 1

Business Financial Accounting 1
The Irish Legal System 1
IT for Business 1
Business Law 1
Legal Research & Communications
Introduction to Management Theory

Semester 2

Business Financial Accounting 2
The Irish Legal System 2
Business Law 2
Legal Office Fundamentals
Data Analysis for Business 1
Management in Action



EARLY YEARS EDUCATION



Bachelor of Education (Honours) Early Childhood Education & Practice

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Carlow	SE913 Level 8	Round 1: 297	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required
Wexford	SE912 Level 8	Round 1: 249	
COURSE DURATION: 4 YEARS			

PROGRAMME DIRECTOR
Dr Caroline Redmond , PhD, MA E: caroline.redmond@setu.ie
Dr Lillian Byrne , PhD E: lillian.byrne@setu.ie

About the course

Early childhood education and practice involves supporting babies and young children become competent and confident learners through loving relationships with others.

Research indicates that the higher the professional qualification of the educator working with the children, the higher the quality of the setting and the children's experiences in it.



This four year programme has a practical focus embedded in each year of study.

Career opportunities

Professional employment opportunities can include roles as room leaders, managers and leaders in early childhood settings such as: pre-schools; crèches; special needs services; family support centres and community services.

Other roles include leadership in county childhood care committees, specialists with Better Start National Early Years Quality Development or inspectors with the Department of Education and Skills.

Year 1 Modules

- Semester 1**
Academic Writing & Enquiry in Higher Education
Intro to Sociology
Creative Arts Practice in Early Childhood
Intro to Psychology
Early Childhood Education & Practice
- Semester 2**
Play-based Pedagogy
Intro to Children's Social Policy
Children's Health, Care & Wellbeing
Child Development
Supervised Professional Practice 1



Bachelor of Arts (Honours) Early Childhood Care & Education

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Waterford (College St campus)	SE911	Round 1: 270	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 Garda vetting required
	LEVEL 8	COURSE DURATION 4 YEARS	

PROGRAMME DIRECTOR
Dr Carol Yelverton-Halpin PhD E: carol.yelverton-halpin@setu.ie

About the course

The BA (Honours) in Early Childhood Care & Education is a four year course.

The course is designed under four important academic foundations namely, theory, practice, research and reflective integration.

The course aims to produce professionally qualified graduates who can work in a range of early years' contexts, working with children up to 8 years in care, education or both.

The course is developed under the foundation of theory, practice, research all with reflective integration.



Career opportunities

This course aims to facilitate students who wish to pursue professional careers in Early Childhood Studies contexts, and postgraduate studies in Early Childhood Studies and related disciplines:

- Early Years Childcare
- Early Years Education
- Children's Residential Care Centres
- Health Services Executive, Family Support
- Children with special learning needs
- Private work in the child care sector
- ECCE settings
- Inspectors of ECCE settings.

Note: Mature applicants will be called for interview if applying to SE911.

Year 1 Modules

- Semester 1**
Critical and Creative Thinking in Early Childhood Care and Education
Early Years Pedagogies: Learning Through Play
STEAM and Digital Learning in Childhood Care and Education
Childhood in Social Context
Reflective and Creative Practice: Early Childhood Care and Education 1
- Semester 2**
Child Developmental Psychology
Early Learning and Children's Play
Early Childhood Care and Education: Child Centred Methods and Practice
Child Health and Wellbeing
Irish Family Policy
Reflective and Creative Practice: Early Childhood Care and Education 2



Bachelor of Education Early Childhood Education & Practice

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Carlow	SE935 Level 7	Round 1: 213	5 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required
Wexford	SE934 Level 7	Round 1: AQA	
COURSE DURATION: 3 YEARS			

PROGRAMME DIRECTOR
Dr Dean McDonnell , PhD E: dean.mcdonnell@setu.ie
Dr Lillian Byrne , PhD E: lillian.byrne@setu.ie

About the course

The programme has a practical focus embedded in each year of study.

This equips graduates with theoretical, policy, legal, and practical knowledge required to work competently and safely in early years education.

Students learn through scaffolded learning activities in individual and group activities.



Career opportunities

Graduates work in early years services tailoring learning experiences to children's developmental needs, supporting parents, managing services and working in professional representative organisations.

Graduates can also be involved in national governance and policy development, and student education.

Graduates can progress to the Level 8 programme at Carlow or elsewhere.

Such wide-ranging career opportunities ensures early childhood education is a rewarding and diverse profession.

Year 1 Modules

- Semester 1**
Academic Writing & Enquiry in Higher Education
Intro to Sociology
Creative Arts Practice in Early Childhood
Intro to Psychology
Early Childhood Education & Practice
- Semester 2**
Play-based Pedagogy
Intro to Children's Social Policy
Children's Health, Care & Wellbeing
Child Development
Supervised Professional Practice 1



ARTS, HOME ECONOMICS & SOCIAL STUDIES



Bachelor of Arts (Honours) Arts

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE200	Round 1: AQA	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7	Erin McNamara Cullen MA E: erin.mcnamara@setu.ie
	LEVEL	COURSE DURATION		
	8	3 YEARS		

About the course

Our Joint Honours Arts Degree offers students a wide range of subject combinations allowing students the opportunity to delve deeper into an area they have already experienced and enjoyed, or to explore new areas and find new passions.

Arts degrees develop a student's ability to explore complex issues and challenge difficult questions, mindful of the wide diversity of perspectives and the need to act with integrity. Arts graduates are known for their communication, creativity and



problem-solving skills; we focus on developing the ability to approach modern issues with the

critical and analytical skills necessary to ensure students are grounded in their areas of study, while also future focused.

Career opportunities

Graduates gain employment in a diverse range of careers. Students can access postgraduate degrees that develop one or both of their undergraduate subject areas, or move into other complimentary areas at Masters and PhD level.

Study Abroad is available on this degree, extending your degree by one year. Students who opt in graduate with a BA (Honours) International.

Year 1 Modules

First year is a time for students to work out what each of the subject areas is about. Students choose 3 subjects in first year from our subject offering and gain an understanding of each of these both during the degree and in terms of career pathways.

In first year, students take introductory modules in 3 subjects from:

- Social Sciences
- Languages
- English
- Theatre Studies
- Religious Studies
- Psychology
- Law
- Politics and Society
- Geography, Environment and Sustainability.

At the end of first year, students choose 2 of these for the remainder of their degree.

Bachelor of Arts (Honours) Home Economics

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE214	Round 1: NEW	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Aileen Murphy PhD E: aileen.murphy@setu.ie
	LEVEL	COURSE DURATION		
	8	3 YEARS		

About the course

Home Economics explores the relationship between individuals, families, and society through practical and theoretical study. Students engage with topics like food and nutrition, sustainable living, textiles, family resource management, and wellbeing. The course develops critical thinking and practical skills relevant to modern living. Studied alongside a second subject from the SE200 Arts list, it's ideal for students interested in education, health, or social sciences, providing a strong foundation for careers or further study in these areas.



Career opportunities

Graduates are equipped with a diverse skill set that opens doors to various career paths including:

- Nutritionist / Dietitian
- Food Scientist / Technologist
- Home Economics Teacher
- Childcare Specialist / Early Childhood Educator
- Textile / Apparel Designer
- Consumer Advisor / Financial Counselor
- Hospitality Manager
- Community Health Worker
- Interior Designer
- Product Developer (Household Goods)

Year 1 Modules

- Semester 1**
- Introduction to Applied Food Studies
 - Introduction to Textiles and Design
 - Home Economics Studies
 - Biological Chemistry for Home Economics
 - One elective**
- Semester 2**
- Development of Applied Food Studies
 - Textiles, Fashion and Sustainability
 - Essentials of Nutrition and Food Science
 - The Family
 - One elective**

* The full list of each semester's elective subject options is available on the relevant course page of our website.

Bachelor of Arts (Honours) Social Care Practice

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Waterford (College St campus)	SE919	Round 1: 260	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required
	LEVEL	COURSE DURATION	
	8	4 YEARS	

PROGRAMME DIRECTOR
Dr Danielle Douglas PhD E: danielle.douglas@setu.ie

About the course

This is a four year level 8 course designed to prepare students for professional careers in Social Care Work and facilitate students who wish to pursue a specific area of interest.

The aim of the course is to develop critically reflective, skilled and ethically aware practitioners with the capacity to build professional relationships, in partnership with vulnerable individuals.

Career opportunities

Graduates of the BA (Honours) in Social Care Practice may take up employment in the public, private or community based care sectors. Social



Care Workers work within a variety of settings including but not limited to:

- Children and adolescents in residential care
- People with physical, intellectual and or sensory disabilities
- People or families experiencing homelessness
- People with alcohol/drug dependency
- Families in the community
- Older people.

Note: Mature applicants will be called for interview if applying to SE919.

This course is approved by CORU.

Year 1 Modules

Semester 1
Intro to Sociology for Social Care Practice
Intro to Psychology
Health & Safety in Social Care Practice
Professional Social Care Theory & Practice
Communications, Research & Study Skills

Semester 2
Intro to Social Policy for Social Care Practice
Safeguarding Children & Vulnerable Persons
Lifespan Development & Individual Difference
Professional Social Care Practice Contexts Models & Legal System
Creative Skills 1



Bachelor of Arts (Honours) Professional Social Care Practice

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Carlow	SE918	Round 1: 260	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required
	LEVEL	COURSE DURATION	
	8	4 YEARS	

PROGRAMME DIRECTOR
Francis Gahan E: francis.gahan@setu.ie

About the course

Social care professionals provide vital support, advocacy and care to some of the most vulnerable and marginalised groups in society including: people with disabilities, children and families at risk, asylum seekers, people with addiction, mental health issues and the elderly.

The course provides graduates with the expertise to work across this diverse sector and includes a 12 week placement in a social care setting in both second and third year (400 hours each year).



Career opportunities

The course provides graduates with the skills and expertise to work in the social care profession and work across this diverse sector, in fields such as residential care, disability and community-based services.

This course is approved by CORU.

Year 1 Modules

Semester 1
Intro to Sociology for Social Care Practice
Intro to Psychology
Health, Safety & Wellbeing in Social Care Practice
Professional Social Care Theory & Practice
Communications, Research & Study Skills

Semester 2
Intro to Social Policy for Social Care Practice
Safeguarding Children & Vulnerable Persons
Lifespan Development & Individual Difference
Professional Social Care Practice Contexts Models & Legal System
Creative Skills 1



Bachelor of Arts Applied Social Care

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Waterford (College St campus)	SE927	Round 1: 188	5 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required
	LEVEL	COURSE DURATION	
	7	3 YEARS	

PROGRAMME DIRECTOR
Maire O'Reilly MA E: maire.oreilly@setu.ie

About the course

The BA in Applied Social Care is a three year course of study. The course is designed to prepare students for professional careers in Social Care Work.

The overall aim is to develop reflective and ethically-aware practitioners with the capacity to build professional relationships, in partnership with vulnerable individuals and groups who experience marginalisation or disadvantage.



Progression

Bachelor of Arts (Honours) Applied Social Studies in Social Care.

Career opportunities

Graduates of the BA in Applied Social Care may take up employment in the public, private or community based care sectors. Social Care Workers may work with:

- Children and adolescents in residential care
- People with physical, intellectual and or sensory disabilities
- People or families experiencing homelessness
- People with alcohol/drug dependency
- Families in the community
- Older people.

Note: Mature applicants will be called for interview if applying to SE927.

This course is approved by CORU.

Year 1 Modules

Semester 1
Introduction to Sociology for Social Care Practice
Introduction to Psychology
Health and Safety in Social Care Practice
Professional Social Care Theory and Practice
Communications, Research and Study Skills

Semester 2
Introduction to Social Policy for Social Care Practice
Safeguarding Children and Vulnerable Persons
Lifespan Development and Individual Difference
Creative Skills 1
Professional Social Care Practice Contexts Models and Legal System



Bachelor of Arts Professional Social Care Practice

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Carlow	SE926	Round 1: 188	5 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required
	LEVEL	COURSE DURATION	
	7	3 YEARS	

PROGRAMME DIRECTOR
Dr Sheila Long DChild E: sheila.long@setu.ie

About the course

Social care professionals provide vital support, advocacy and care to some of the most vulnerable and marginalised groups in society including: people with disabilities, children and families at risk, asylum seekers, people with addiction, mental health issues and the elderly.

The course provides graduates with the expertise to work across this diverse sector and includes a 12 week placement in a social care setting in both second and third year (400 hours each year).



Career opportunities

The course provides graduates with the skills and expertise to work in the social care profession and work across this diverse sector, in fields such as residential care, disability and community-based services.

Graduates may be eligible to progress to our level 8 Professional Social Care Practice course at our Carlow campus.

This course is approved by CORU.

Year 1 Modules

Semester 1
Intro to Sociology for Social Care Practice
Intro to Psychology
Health, Safety & Wellbeing in Social Care Practice
Professional Social Care Theory & Practice
Communications, Research & Study Skills

Semester 2
Intro to Social Policy for Social Care Practice
Safeguarding Children & Vulnerable Persons
Lifespan Development & Individual Difference
Professional Social Care Practice Contexts Models & Legal System
Creative Skills 1



Bachelor of Arts (Honours)

Applied Social Studies in Professional Social Care

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Wexford	SE917	Round 1: 280	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Garda vetting required	Christina Sieber MA E: christina.sieber@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

This course prepares graduates to work in social care, providing support and assistance to vulnerable people. These include residential services (adolescent, vulnerable older people); community development, family support, community child care, people with addiction and community disability services. This course requires applicants to successfully complete the Garda Vetting process.

The course includes a 12-week placement in a social care agency in both 2nd and 3rd year (400 hours each year).



Career opportunities

Graduates are able to take up front line positions in a diverse range of social care services and will act as a base for project coordination, supervision and management. This course gives you the knowledge and practice based learning skills to work in a wide range of care settings as a registered professional, including child and family, homelessness and addiction services, residential child care settings and day support services.

This course is approved by CORU.

Year 1 Modules

Semester 1

Professional Social Care Theory & Practice
Intro to Sociology for Social Care Practice
Creative Skills 1
Communications, Research & Study Skills
Intro to Psychology

Semester 2

Professional Social Care Practice: Contexts, Models & Legal System
Intro to Social Policy for Social Care Practice
Lifespan Development & Individual Difference
Safeguarding Children & Vulnerable Persons
Health & Safety in Social Care Practice

WORK PLACEMENT AVAILABLE

Bachelor of Arts (Honours)

Social Science

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE920	Round 1: 310	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr John McNamara PhD E: john.mcnamara@setu.ie
	LEVEL 8	COURSE DURATION 3 YEARS		

About the course

The BA (Honours) in Social Science is a multi-disciplinary three year course. In times of rapid social and economic change, this programme offer students the opportunity to understand and critically analyse contemporary Irish society and Ireland's place in an increasingly globalised world.

Students will develop a range of valuable transferable professional and academic skills including critical thinking, problem solving, teamwork, social analysis, and research skills.



Career opportunities

Social Science graduates are employed in a variety of professions across the public and private sectors, such as:

- Social work
- Human resource management
- Occupational therapy
- Non-governmental organisations (NGOs)
- Media
- Teaching
- Research
- Probation services
- Administration.

Year 1 Modules

Semester 1

Critical Thinking & Academic Skills
Intro to Psychology
Intro to Sociological Problems
Intro to politics in the Irish context
Irish Society & the Media
Social Policy, Poverty & Social Exclusion

Semester 2

Development of The Irish Welfare State
Developmental Psychology
Intro to Research
Intro to Social Psychology
Ireland: Race, Nation, Ethnicities
Irish Social Policy

HOSPITALITY, TOURISM & CULINARY ARTS



Bachelor of Arts (Honours) Hospitality Management

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE921	Round 1: 288	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Fabrice Bartholin MBA E: fabrice.bartholin@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This four year course is designed to equip graduates with a broad range of business skills combined with a thorough knowledge of the hospitality environment.

During the first semester of year 3, students are required to complete a placement in a hospitality organisation.

Students may also undertake an Erasmus programme to study abroad for the second part of their third year.

Career opportunities

Students who complete the BA (Honours) in Hospitality Management can expect to find work opportunities at the junior management level in operations, human resources, finance or sales and marketing departments in a hotel.

Graduates can also consider careers in entertainment venues, restaurants, bars, casual dining, event management and contract catering.

Year 1 Modules

Semester 1

Communications for Tourism & Hospitality
Intro to Management
Intro to Marketing
Intro to Tourism & Hospitality Operations
Restaurant Service
*One elective**

Semester 2

Accommodation Supervision
Beverage & Wine Studies
Information Communication Technology
Marketing Mix for Tourism & Hospitality
Front Office Fundamentals
*One elective**

* The full list of each semester's elective subject options is available on the relevant course page of our website.



Bachelor of Science (Honours) Tourism & Event Management

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Wexford	SE922	Round 1: 473	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Edmund Joyce MA E: edmund.joyce@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Tourism is one of Ireland's most important growing economic sectors supporting jobs on both a national and international level.

The tourism industry is largely driven by the sustainable promotion of natural and cultural heritage. A certificate in Regional Tour Guiding is available after Year 2.

Festivals and events are critical for tourism growth as they specifically attract both domestic and overseas visitors to Ireland and contribute significantly to the economy every year.



Career opportunities

Students on this course will develop a strong management background in the context of tourism and event management, this combined with transferable life skills will enable them to take up full-time positions in a diverse range of careers such as:

- Festival manager
- Event organiser
- Marketing executive
- Tourism executive
- Event planner
- Fundraising officer
- Entrepreneur.

Year 1 Modules

Semester 1

Academic & Professional Skills
Statistics & Forecasting
Principles of Event Management
Irish Natural Heritage & Landscape
Digital Skills 1

Semester 2

Customer Service in Practice
Irish Cultural Heritage
Introduction to Tourism
Investment Maths
Event Management
Digital Skills 2



Bachelor of Business Tourism & Hospitality Services

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE924	Round 1: 260	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Fabrice Bartholin MBA E: fabrice.bartholin@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

This course is a three year full-time level 7 programme designed to provide students with the knowledge and skills required to perform effectively at the supervisory level within the tourism and hospitality services sector.

The programme aims to provide students with strong operational, business, management and marketing skills to enhance their supervisory expertise.

During the first semester of year 3, students will complete a placement in Ireland or abroad in a hotel or a tourism site.



Career opportunities

The programme will enable graduates to perform effectively in a supervisory role in their chosen employment in Tourism or Hospitality services.

After successful completion of the programme, students also have the opportunity to progress to the level 8 BA (Honours) in Hospitality Management offered at the University.

Year 1 Modules

Semester 1

Communications for Tourism & Hospitality
Intro to Management
Intro to Marketing
The Tourism System
Restaurant Service
*One elective**

Semester 2

Information Communication Technology
Marketing Mix for Tourism & Hospitality
Tourism Studies
Accommodation Supervision
*One elective**

* The full list of each semester's elective subject options is available on the relevant course page of our website.

Bachelor of Science Tourism & Event Management

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Wexford	SE925	Round 1: 288	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Edmund Joyce MA E: edmund.joyce@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

The course combines tourism and event modules with a strong business and entrepreneurial focus.

Event management has become an integral element of the Irish tourism offering. From project management, to designing websites, to understanding key management issues, this course equips students with the required knowledge and skill set to develop careers in this area. A certificate in Regional Tour Guiding is available after Year 2.



Career opportunities

Students on this course will develop a strong management background in the context of tourism and event management, this combined with transferable life skills will enable them to take up full-time positions in a diverse range of careers such as:

- Festival manager
- Event organiser
- Marketing executive
- Tourism executive
- Event planner
- Fundraising officer
- Entrepreneur.

Year 1 Modules

Semester 1

Academic & Professional Skills
Statistics & Forecasting
Principles of Event Management
Irish Natural Heritage & Landscape
Digital Skills 1

Semester 2

Customer Service in Practice
Irish Cultural Heritage
Introduction to Tourism
Investment Maths
Event Management
Digital Skills 2



Bachelor of Arts (Honours) Culinary Arts

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE923	Round 1: 253	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Mark Gaffney E: mark.gaffney@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

This is a full-time, four year, level 8 programme of innovative and dynamic culinary study.

We teach you all the traditional culinary skills, but also include a number of other disciplines such as food innovation, media and visual arts, food policy, speciality food production, sustainable practices and gastronomy.

Career opportunities

Our graduates have an international reputation for excellence.

Many are employed in leadership roles in restaurants, bars, bakeries, food product development, food retailing and food education, both nationally and internationally.

A growing number of graduates also open and develop their own businesses.

Semester 1

Critical & Creative Thinking
Food Safety & Technology
Fundamentals of Culinary Skills
Intro to Gastronomy
*Elective options**

Semester 2

Development of Culinary Skills
Development of Modern International Gastronomy
Information & Communication Technology
Nutrition & Scientific Principles
*Elective options**

* The full list of each semester's elective subject options is available on the relevant course page of our website.



WORK PLACEMENT
AVAILABLE

Higher Certificate in Arts Culinary Arts

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE938	Round 1: 169	5 subjects: O6/H7 English or Irish: O6/H7	Edward Hayden MA E: edward.hayden@setu.ie
	LEVEL 6	COURSE DURATION 2 YEARS		

About the course

This two year programme is a fast paced course to prepare students for the culinary industry.

The course boasts an extensive selection of hands on practical modules married with some theoretical modules to afford students the opportunity to understand the underpinning theory and allow it to be the foundation to their practical endeavours.

Career opportunities

On successful completion of the programme a myriad of exciting opportunities are available to graduates including incremental progression in all culinary/hospitality providers, in positions of all grades as well as opportunities to travel and for further education.

Other opportunities may present to work in the wider food related circles and industries.

Progression

Successful completion of this programme allows students the opportunity to progress onto the BA (Honours) Culinary Arts programme.

Year 1 Modules

Semester 1

Academic Learning
Culinary Skills 1.1
Exploring Cookery
Food Safety & Culinary Science
Live Service 1.1
Pastry 1.1

Semester 2

Culinary Skills 1.2
Live Service 1.2
Culinary IT
Pastry 1.2
Career planning & work placement
Cost Control for Culinary Operations



WORK PLACEMENT
AVAILABLE



Master of Pharmacy Science Pharmacy

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE525	Round 1: NEW	2 subjects: H5 4 subjects: O6/H7 English OR Irish: O6/H7 Mathematics: O6/H7 * see note below	Dr Claire Lennon PhD E: claire.lennon@setu.ie
	LEVEL	COURSE DURATION		
	9	5 YEARS		

About the course

The Master of Pharmacy (MPharm) at SETU is a five-year integrated programme that equips students for professional pharmacy practice. The course combines pharmaceutical sciences, healthcare, clinical skills, and research. Students learn about drug formulation, patient care, pharmacology, and professional ethics, with real-world placements in community and hospital pharmacies. In the final year, students complete a research project and advanced practice modules. This programme develops both scientific



knowledge and clinical competencies, preparing graduates for registration as pharmacists in Ireland.

Career opportunities

MPharm graduates at SETU can work as registered pharmacists in community or hospital settings, enter the pharmaceutical industry in drug development, quality assurance, or regulatory affairs, or pursue careers in academia, research, or specialist postgraduate study in Ireland and abroad.

* ADDITIONAL ENTRY REQUIREMENTS

Chemistry OR Physics & Chemistry (joint): H4
Biology OR Physics OR Agricultural Science: H4

Applicants should note Physics & chemistry may not be presented with chemistry or physics to satisfy requirements.

Year 1 Modules

Semester 1

Foundations of Pharmaceutical Chemistry
Pharmacy Practice 1: The start of the professional journey.
Human Anatomy and Physiology
Cellular Biochemistry

Semester 2

Molecular Biology and Human Genetics
Pharmaceutical Formulations & Maths with Statistics
Introduction to Research Methods and Data Analysis for Pharmacists
Pharmacology 1
Physical Chemistry for Pharmacy



WORK PLACEMENT
AVAILABLE

COMMON ENTRY Science (Waterford)

COURSE CODE	STREAMS	ENTRY REQUIREMENTS	PROGRAMME LEADER
SE501 (Level 8)	Molecular Biology with Biopharmaceutical Science Food Science & Innovation Physics for Modern Technology Pharmaceutical Science	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Evelyn Landers PhD E: evelyn.landiers@setu.ie

About the course

Science (Common Entry) was designed for the student who has a keen interest in science, but is unsure of which area they would like to specialise in. This course gives the student a flavour of a variety of different scientific disciplines, allowing them to keep their options open when applying to study science at third level. This is a highly regarded hands-on practical based programme.

The modules of this course offer a good grounding in biology, chemistry, physics, mathematics, computing and good laboratory practice.

Students will study many lab and theoretical modules in first year.

Career opportunities

Career opportunities will be subject to your choice of specialist exit pathways. Science (Common Entry) is the gateway for four Level 8 BSc (Honours) degrees in SETU Waterford, which include the BSc (Honours) in Food Science and Innovation, BSc (Honours) in Molecular Biology with Biopharmaceutical Science, BSc (Honours) in Pharmaceutical Science, and BSc (Honours) in Physics for Modern Technology.

Year 1 Modules

Semester 1

Introductory Biology
Introductory Chemistry
Introductory Physics
Introductory Mathematics
Intro to ICT for Scientists
Good Laboratory Practice & Core Skills

Semester 2

Cell Biology and Biochemistry
Mathematics for Scientists
Physical & Organic Chemistry
Physics for Scientists
Choose two electives
Intro to Biotechnology & Pharmaceutical Science
Intro to Food Science
Intro to Modern Physics
Plant Biology
Science & Society



Bachelor of Science (Honours) Pharmaceutical Science

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE504	Round 1: 289	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 * see note below	Dr Eleanor Owens PhD E: eleanor.owens@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This is a four year, award winning, full-time honours degree course aimed at preparing graduates for the highly regulated pharmaceutical and biopharmaceutical industries.

Students gain experience in a broad range of scientific subject areas and laboratory instrumentation. A nine-month work placement is included in the third year of the course. A research project is also carried out in Year 4.



Career opportunities

There is a very strong demand for graduates qualified in pharmaceutical science. The South-East region has a hub of pharmaceutical and biopharmaceutical companies and SETU has well established links to these. Our graduates work as:

- Senior laboratory analysts
- Instrumentations specialists
- Quality Assurance specialist
- Industrial researchers
- Teachers (*Following PME).

* ENTRY RECOMMENDATION

Applicants should note that a science subject (Biology, Chemistry, Physics, Physics with Chemistry or Agricultural Science) at Leaving Certificate is recommended for this programme.

Year 1 Modules

Semester 1

Introductory Biology
Introductory Chemistry
Introductory Physics
Introductory Mathematics
Intro to ICT for Scientists
Good Laboratory Practice & Core Skills

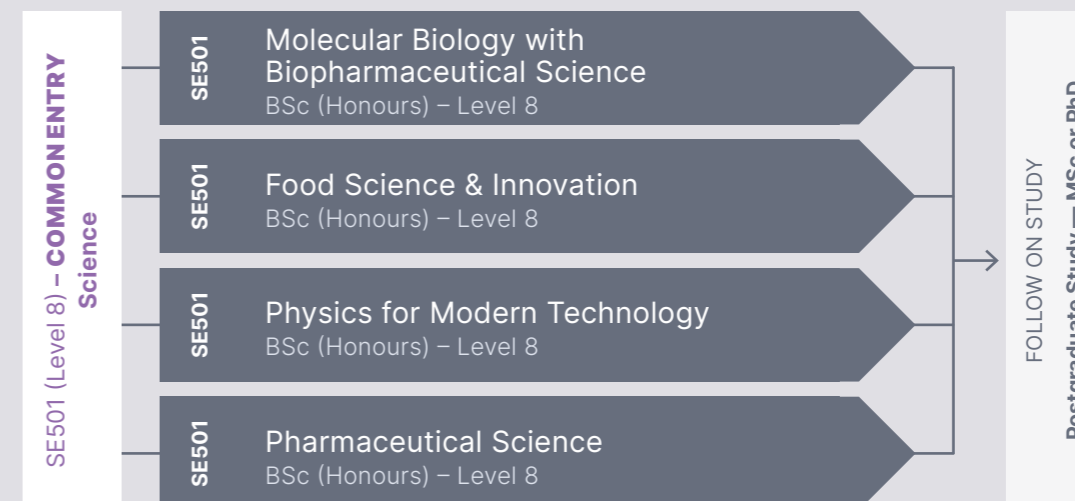
Semester 2

Cell Biology & Biochemistry
Mathematics for Scientists
Physical & Organic Chemistry
Physics for Scientists
Intro to Biotechnology & Pharmaceutical Science
Choose one elective
Forensic Science
Science & Society
Environmental Monitoring



WORK PLACEMENT
AVAILABLE

Science — COMMON ENTRY Degree Options



Students should note that a science subject at Leaving Certificate is recommended for this course.

COMMON ENTRY — Bachelor of Science (Honours) Molecular Biology with Biopharmaceutical Science

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE501	Round 1: 308	SE501 (Level 8) Science (Common Entry) * see note below	Dr Nabla Kennedy PhD E: nabla.kennedy@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

This four year honours degree course can be chosen within the SE501 - Bachelor of Science (Honours) Common Entry Route.

You will be trained in processes such as analytical testing, advanced molecular biology techniques, microbiological analyses, biopharmaceutical technology and cell culturing techniques. You can choose between Work Placement or Study Abroad in Semester 2 of third year.

Career opportunities



Industry needs suitably qualified graduates with hands-on practical experience

to be part of exciting developments in biopharmaceutical and related sciences. This course is designed to train you to work in the biopharmaceutical, biomedical, and/or food related industries.

The course will also train you for progression to further study such as postgraduate research and/or teaching.

* ENTRY RECOMMENDATION

Applicants should note that a science subject (Biology, Chemistry, Physics, Physics with Chemistry or Agricultural Science) at Leaving Certificate is recommended for this programme.

Year 2 Modules

Semester 3

Laboratory Data Analysis & Presentation
Microbiology 1
Organic Chemistry & Biomolecules
Scientific Enquiry in Biology
Spectroscopic Techniques
Statistics for Scientists

Semester 4

Applied Maths for Scientists
Biochemistry
Chromatographic and Electrophoretic Techniques
Environmental Monitoring
Food Microbiology
Microbial Biotechnology and Genetics



COMMON ENTRY — Bachelor of Science (Honours) Physics for Modern Technology

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEADS
Waterford	SE501	Round 1: 308	SE501 (Level 8) Science (Common Entry) * see note below	Dr Joe Murphy PhD E: joe.murphy@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

This is a four year honours degree, which includes a semester of work placement. The course is interdisciplinary providing students with an understanding of the physics underlying modern technologies such as semiconductors, optics/photonics, renewable energy, and sensor systems. Students develop complementary skills in the areas of physics, engineering, mathematics and programming. They develop associated skills in problem-solving, communication, research methods, team-work and leadership.



Career opportunities

Graduates of this degree develop a range of transferable

skills that are highly valued and in demand across various industries. They find employment in both industry and research, in sectors such as: semiconductors, telecommunications, and photonics; medical physics and biomedical technologies; environmental science, renewable energy, and meteorology; automotive and aerospace industries; software development and ICT education and academic research; and astronomy and astrophysics.

* ENTRY RECOMMENDATION

Applicants should note that a science subject (Biology, Chemistry, Physics, Physics with Chemistry or Agricultural Science) at Leaving Certificate is recommended for this programme.

Year 2 Modules

Semester 3

Mechanics and Waves
Science, Universe & Society
Electronic Devices & Systems
Ordinary Differential Equations
Programming Fundamentals 1
Spectroscopic Techniques

Semester 4

Advanced Mechanics
Electromagnetism
DC / AC Fundamentals
Advanced Calculus
Programming Fundamentals 2
Thermodynamics for Engineers



COMMON ENTRY — Bachelor of Science (Honours) Food Science & Innovation

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE501	Round 1: 308	SE501 (Level 8) Science (Common Entry) * see note below	Dr Elaine Duggan PhD E: elaine.duggan@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

This course will provide graduates with the skills to work in the various sectors of the food industry from food production to marketing and regulation.

The degree will train you in food manufacture, analysis, safety and nutrition in addition to marketing and innovation, giving you key skills for your future career. Industrial placement or study abroad option takes place in third year.

Career opportunities



Graduates have a wide range of excellent career opportunities with national and

international companies in:

- Product innovation
- Production management
- Food quality assurance
- Sales and marketing
- Food business entrepreneur.

Graduates from this course also have the opportunity to progress to postgraduate study at both masters and PhD level.

* ENTRY RECOMMENDATION

Applicants should note that a science subject (Biology, Chemistry, Physics, Physics with Chemistry or Agricultural Science) at Leaving Certificate is recommended for this programme.

Year 2 Modules

Semester 3

Food Analysis
Microbiology 1
Introduction to Nutrition and Human Physiology
Laboratory Data Analysis & Presentation
Bioanalytical Methods for the Food Industry
Statistics for Scientists

Semester 4

Food Microbiology
Food Process Technology
Food Marketing & Regulation
Environmental Monitoring
Chromatographic and Electrophoretic Techniques
The Professional Individual



COMMON ENTRY — Bachelor of Science (Honours) Pharmaceutical Science

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE501	Round 1: 308	SE501 (Level 8) Science (Common Entry) * see note below	Dr Eleanor Owens PhD E: eleanor.owens@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

This stream from our Science common entry course aims to prepare graduates for the highly regulated pharmaceutical and biopharmaceutical industries.

Students gain experience in a broad range of scientific subject areas and laboratory instrumentation. A nine-month work placement is included in the third year of the course. A research project is also carried out in year 4.

Career opportunities



There is a very strong demand for graduates qualified in pharmaceutical science.

The South-East region has a hub of pharmaceutical and biopharmaceutical companies and SETU has well established links to these. Our graduates work as:

- Senior laboratory analysts
- Instrumentations specialists
- Quality Assurance specialist
- Industrial researchers
- Teachers (*Following PME).

* ENTRY RECOMMENDATION

Applicants should note that a science subject (Biology, Chemistry, Physics, Physics with Chemistry or Agricultural Science) at Leaving Certificate is recommended for this programme.

Year 2 Modules

Semester 3

Organic Chemistry and Biomolecules
Spectroscopic Techniques
Physical Chemistry
Statistics for Scientists
Pharmaceutical Science
Laboratory Data Analysis and Presentation

Semester 4

Pharmaceutical Organic Chemistry
Chromatographic and Electrophoretic Techniques
Inorganic Chemistry
Pharmaceutical and Biopharmaceutical Processing
Biopharmaceutical Science
Applied Mathematics for Scientists



COMMON ENTRY Science (Carlow)

COURSE CODES	STREAMS	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
SE500	Biosciences with Biopharmaceuticals Brewing & Distilling Pharmaceutics & Drug Formulation	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Gary Cahill PhD E: gary.cahill@setu.ie



About the course

A Common Entry course is a popular choice for students who have an interest in a discipline but are unsure of what career path they would like to follow. Common Entry courses allow students to study a broad range of subjects initially and then choose their preferred specialist area. This allows students more time to discover what interests them most.

Course structure

The first year of this course provides students with a foundation in science, and subjects are common for all students. After Year 1, students separate into their

chosen specialist area from the following:

- Biosciences with Biopharmaceuticals
- Brewing & Distilling
- Pharmaceutics & Drug Formulation

The course offers a blend of academic and practical skill development and work placement.

Career opportunities

This course allows graduates to gain an understanding of a solid science foundation, while also ensuring students have time to explore a wide range of career options. The course is designed to produce highly employable graduates to work within

the biopharmaceutical, biotechnology and brewing and distilling industries. These sectors are rapidly evolving and offer excellent and varied employment options. Skills can be utilised globally so there are endless international opportunities.

Year 1 Modules

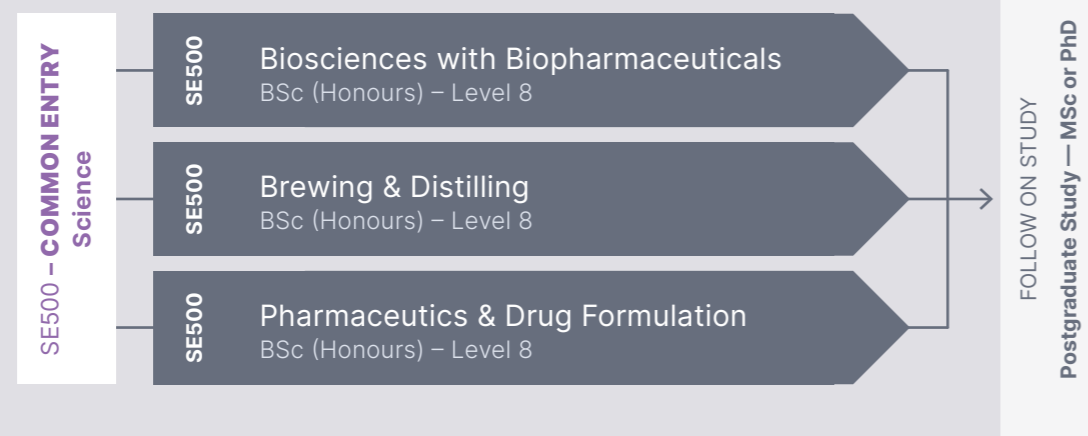
Semester 1

Fundamental Biology
Chemistry 1
Physics 1
Laboratory Science
Quantitative Methods 1

Semester 2

Animal & Human Biology
Chemistry 2
Physics 2
Quantitative Methods 2
Current Concepts in Science

Science — COMMON ENTRY Degree Options



COMMON ENTRY — Bachelor of Science (Honours) Biosciences with Biopharmaceuticals

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Carlow	SE500	Round 1: 279	SE500 (Level 8) Science (Common Entry)	Dr Anne-Marie Enright PhD E: anne-marie.enright@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

Bioscience is the branch of science concerned with living organisms and is the foundation of many other schools of scientific inquiry, including biopharmaceuticals, which refers to medical drugs manufactured in living organisms such as bacteria, yeast and mammalian cells.



Career opportunities

The four year Biosciences with Biopharmaceuticals course is designed to produce highly employable graduates for the bioscience, biotechnology, biopharmaceutical science and food science industries.

These sectors are rapidly evolving and offer excellent and varied employment options in quality control, quality assurance, technical, supervisory or management areas.

Year 2 Modules

Semester 1

Instrumentation
Quantitative Methods and Quality Control 1
Fundamentals of Microbiology 1
Molecular Biology 1
Biochemistry Biomolecules

Semester 2

Analytical Techniques
Pharmaceutical Science
Quantitative Methods and Quality Control 2
Fundamentals of Microbiology 2
Molecular Biology 2
Biochemistry Metabolism



COMMON ENTRY — Bachelor of Science (Honours) Pharmaceutics & Drug Formulation

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Carlow	SE500	Round 1: 279	SE500 (Level 8) Science (Common Entry)	Dr Ariane Perez-Gavilan PhD E: ariane.perezgavilan@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

The purpose of this course is to produce graduates with the skills to make new pharmaceutical products, trouble-shoot problems in the stability of existing products, and in production proper.

This course is for you if you like science, enjoy analytical activities and problem solving, and want to study a course with a high level of practical laboratory work.



Career opportunities

- Primary and secondary pharmaceutical production
- Pharmaceutical product development and manufacture
- Quality control in high-volume mass-market manufacturing plant
- Cleanroom and water-treatment facilities.

Year 2 Modules

Semester 1

Instrumentation
Quantitative Methods and Quality Control 1
Analytical Inorganic Chemistry 1
Organic and Physical Chemistry 1

Semester 2

Quantitative Methods and Quality Control 2
Analytical Inorganic Chemistry 2
Organic and Physical Chemistry 2
Biomolecules
Pharmaceutical Science



COMMON ENTRY — Bachelor of Science (Honours) Brewing & Distilling



LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE
Carlow	SE500	Round 1: 279	SE500 (Level 8) Science (Common Entry)
	LEVEL 8	COURSE DURATION 4 YEARS	

STREAM LEAD
Dr Sinead Morris PhD E: sinead.morris@setu.ie

About the course

Successful brewing and distilling requires the application of both scientific and engineering principles.

This four year course equips students with the necessary scientific knowledge and instrumentation competencies to work in the brewing and distilling industry.

Modules include product development, marketing and regulatory affairs. The course incorporates industry work placement in Year 3 and a research project in Year 4.



Career opportunities

This course in brewing and distilling is the first degree of this type in Ireland.

We work closely with industry to ensure that all graduates from the programme will directly meet the requirements of their future employers in the brewing and distilling industries but will also be in a position to enter a research career, undertake further studies or start up their own venture.

Year 2 Modules

Semester 1
Biochemistry Biomolecules
Fundamentals of Microbiology 1
Quantitative Methods & Quality Control 1
Analytical Techniques for Brewing & Distilling
Mechanical & Electrical Technology in Brewing & Distilling

Semester 2
Biochemistry Metabolism
Fundamentals of Microbiology 2
Quantitative Methods & Quality Control 2
Malt, Water, Hops & Yeast – Brewing & Distilling Raw Materials
Analytical Chromatographic Techniques for Brewing & Distilling



Bachelor of Science (Honours) Applied Microbiology

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Carlow	SE519	Round 1: 312	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7
	LEVEL 8	COURSE DURATION 4 YEARS	

PROGRAMME DIRECTOR
Dr Damien Brady PhD E: damien.brady@setu.ie

About the course

Over half of this course is hands-on laboratory work, building essential microbiology skills in small groups for personalised learning. This programme is a practical, career-focused pathway in science. This course is structured around three pillars, Diagnostic, Industrial, and Environmental Microbiology. It includes an embedded six-month placement in the second semester of third year, giving students valuable industry experience across healthcare, biotechnology, or environmental microbiology sectors.



Fourth year provides students with advanced modules in applied microbiology with a

strong research focus incorporating a final year project.

Career opportunities

Graduates have a wide range of career opportunities in both public and private sectors. Here are some common career paths:

- Clinical or Industrial Microbiologist
- Biomedical Scientist
- Food Safety Officer
- Environmental Health Specialist
- Quality Control Analyst
- Laboratory Technician
- Biotechnologist
- Pharmaceutical Analyst
- Water Quality Officer
- Research and Development Assistant.

Year 1 Modules

Semester 1
Fundamental Biology
Chemistry 1
Laboratory Science
Quantitative Methods 1
Physics 1

Semester 2
Animal and Human Biology
Chemistry 2
Quantitative Methods 2
Physics 2
Current Concepts in Science



Bachelor of Science (Honours) Brewing & Distilling



LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Carlow	SE521	Round 1: 270	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7
	LEVEL 8	COURSE DURATION 4 YEARS	

PROGRAMME DIRECTOR
Dr Sinead Morris PhD E: sinead.morris@setu.ie

About the course

Successful brewing and distilling requires the application of both scientific and engineering principles. This four year course equips students with the necessary scientific knowledge and instrumentation competencies to work in the brewing and distilling industry. Modules include product development, marketing and regulatory affairs. The course incorporates industry work placement in Year 3 and a research project in Year 4.



Career opportunities

This course in brewing and distilling is the first degree of this type in Ireland. We work closely with industry to ensure that all graduates from the programme will directly meet the requirements of their future employers in the brewing and distilling industries but will also be in a position to enter a research career, undertake further studies or start up their own venture.

Year 1 Modules

Semester 1
Fundamental Biology
Chemistry 1
Physics 1
Laboratory Science
Quantitative Methods 1

Semester 2
Animal & Human Biology
Chemistry 2
Physics 2
Quantitative Methods 2
Current Concepts in Brewing & Distilling



Bachelor of Science Applied Microbiology

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS
Carlow	SE520	Round 1: 268	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7
	LEVEL 7	COURSE DURATION 3 YEARS	

PROGRAMME DIRECTOR
Dr Damien Brady PhD E: damien.brady@setu.ie

About the course

Over half of this course is hands-on laboratory work, building essential microbiology skills in small groups for personalised learning. This programme is a practical, career-focused pathway in science. The first year of this course is common to all Science programmes in SETU providing students with a strong foundation in basic sciences. BSc Honours Applied Microbiology is structured around three pillars, Diagnostic, Industrial, and Environmental Microbiology. It includes an embedded six-month placement in the second semester of third year, giving students valuable



industry experience across healthcare, biotechnology, or environmental microbiology sectors. Fourth year provides students with advanced modules in applied microbiology with a strong research focus incorporating a final year project.

Career opportunities

Graduates can progress to careers in the public sector including education. Private sector employment can range from SMEs to global corporations in food and biologics production. Alternatively, graduates can continue to specialise with postgraduate taught or research programmes at level 9 and 10.

Year 1 Modules

Semester 1
Fundamental Biology
Chemistry 1
Laboratory Science
Quantitative Methods 1
Physics 1

Semester 2
Animal and Human Biology
Chemistry 2
Quantitative Methods 2
Physics 2
Current Concepts in Science



COMMON ENTRY Science (Waterford)

COURSE CODE	STREAMS	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
SE512	Food Science Pharmaceutical Science Molecular Biology with Pharmaceutical Science	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 * see note below	Dr Evelyn Landers PhD E: evelyn.landiers@SETU.ie



About the course

Science (General) was designed for the student who has a keen interest in science, but is unsure of which area they would like to specialise in.

This course gives the student a flavour of a variety of different scientific disciplines, allowing them to keep their options open when applying to study science at third level. This is a highly regarded hands-on practical based programme.

Career opportunities

Career opportunities will be subject to your choice of specialist exit pathways.

Science (General) is the gateway for three Level 7 BSc degrees in SETU, which are the BSc in Food Science, BSc in Molecular Biology with Biopharmaceutical Science and BSc in Pharmaceutical Science.

* ENTRY RECOMMENDATION

Applicants should note that a science subject (Biology, Chemistry, Physics, Physics with Chemistry or Agricultural Science) at Leaving Certificate is recommended for this

programme.

Year 1 Modules

Semester 1

Introductory Biology
Introductory Chemistry
Introductory Physics
Introductory Mathematics
Introduction to ICT for Scientists
Good Laboratory Practice & Core Skills

Semester 2

Cell Biology & Biochemistry
Physical and Organic Chemistry
Physics for Scientists
Mathematics for Scientists

COMMON ENTRY — Bachelor of Science Food Science

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE510	Round 1: 336	SE512 (Level 7) Science (Common Entry)	Dr Elaine Duggan PhD E: elaine.duggan@setu.ie
LEVEL	COURSE DURATION	7		

About the course

This course will provide graduates with the skills to work in the various aspects of the food industry from food processing development to quality control to marketing, regulation.

The degree will train you in food manufacture, analysis, safety and nutrition, giving you key skills for your future career. Industrial placement or study abroad option takes place in third year.



Career opportunities

Graduates have a wide range of excellent career opportunities with national and international companies in:

- Product development
- Production management
- Food quality and safety
- Sales and marketing.

Graduates from this course also have the opportunity to progress to into Year 4 of BSc (Honours) in Food Science and Innovation programme.

* ENTRY RECOMMENDATION

Applicants should note that a science subject (Biology, Chemistry, Physics, Physics with Chemistry or Agricultural Science) at Leaving Certificate is recommended for this programme.

Year 1 Modules

Semester 1

Introductory Biology
Introductory Chemistry
Introductory Physics
Introductory Mathematics
Intro to ICT for Scientists
Good Laboratory Practice & Core Skills

Semester 2

Cell Biology & Biochemistry
Mathematics for Scientists
Physical & Organic Chemistry
Physics for Scientists
Intro to Food Science
Plant Biology



COMMON ENTRY — Bachelor of Science Pharmaceutical Science

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE511	Round 1: 223	SE512 (Level 7) Science (Common Entry)	Dr Kathleen Grennan PhD E: kathleen.grennan@setu.ie
LEVEL	COURSE DURATION	7		

About the course

This course enables graduates to obtain a worthwhile degree qualification after three years of study.

Students will study a broad range of science subjects that are of relevance to the pharmaceutical and related industries, and are important for the discovery, development and manufacture of drugs. A final year project allows the student to work independently on a relevant research area.



Career opportunities

Pharmaceutical scientists design and develop new drugs, and devise cleaner, more efficient processes to manufacture them. Employment opportunities for pharmaceutical science graduates are excellent and extensive.

Graduates have found widespread employment in Ireland's growing pharmaceutical industry in areas such as quality control, quality assurance and product research and development.

* ENTRY RECOMMENDATION

Applicants should note that a science subject (Biology, Chemistry, Physics, Physics with Chemistry or Agricultural Science) at Leaving Certificate is recommended for this programme.

Year 1 Modules

Semester 1

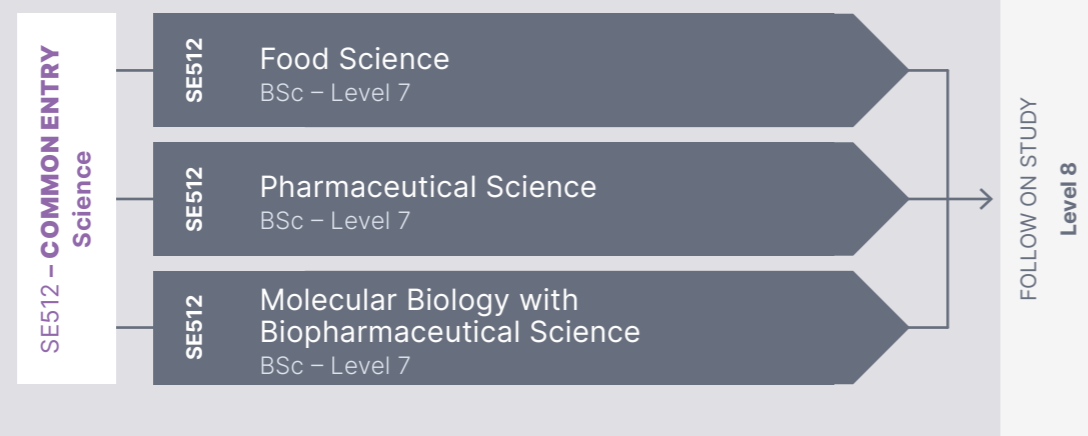
Introductory Biology
Introductory Chemistry
Introductory Physics
Introductory Mathematics
Intro to ICT for Scientists
Good Laboratory Practice & Core Skills

Semester 2

Cell Biology & Biochemistry
Mathematics for Scientists
Physical & Organic Chemistry
Physics for Scientists
Intro to Biotechnology & Pharmaceutical Science
Choose one elective
Forensic Science
Science & Society



Science — COMMON ENTRY Degree Options



COMMON ENTRY — Bachelor of Science
Molecular Biology with Biopharmaceutical Science

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE514	Round 1: 269	SE512 (Level 7) Science (Common Entry)	Dr Nabla Kennedy PhD E: nabla.kennedy@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

This is a three year full-time course designed to train you to work in the areas of biopharmaceutical, biomedical, environmental or food related industries. Students are trained in traditional and advanced molecular biology techniques, analytical testing and microbiological analyses, including specialist scientific skills in areas such as microbiology, biotechnology and quality.



Career opportunities

There are many career opportunities, for instance you could become a:

- Biopharmaceutical Laboratory Analyst
- Molecular Biology Laboratory Analyst
- Microbiology Laboratory Analyst
- Environmental Laboratory Analyst
- Quality Control Analyst (QC Analyst)
- Quality Assurance Representative (QA Rep).

*** ENTRY RECOMMENDATION**

Applicants should note that a science subject (Biology, Chemistry, Physics, Physics with Chemistry or Agricultural Science) at Leaving Certificate is recommended for this programme.

Year 1 Modules

Semester 1

- Introductory Biology
- Introductory Chemistry
- Introductory Physics
- Introductory Mathematics
- Intro to ICT for Scientists
- Good Laboratory Practice & Core Skills

Semester 2

- Cell Biology & Biochemistry
- Mathematics for Scientists
- Physical & Organic Chemistry
- Physics for Scientists
- Intro to Biotechnology & Pharmaceutical Science
- Choose one elective*
- Forensic Science
- Plant Biology

Bachelor of Science
Analytical Science

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE513	Round 1: 259	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr John Cleary PhD E: john.cleary@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

Analytical scientists use a variety of instruments and chemical methods to identify and measure substances in different kinds of sample. Their work helps to ensure the safety and quality of food and pharmaceutical products, to protect our environment by assuring compliance with regulations, and to diagnose diseases.

The course emphasises practical laboratory skills and hands-on experience in the use of analytical instruments.



Career opportunities

Our graduates are proficient in the use of analytical techniques and instruments, resulting in excellent employability. They work in industry and government agencies, using their skills to test samples, analyse data, and develop new analytical methods. Graduate typically work in areas such as:

- Pharmaceutical production and product development
- Quality control and quality assurance
- Food and beverage analysis
- Environmental monitoring.

Year 1 Modules

Semester 1

- Fundamental Biology
- Chemistry 1
- Physics 1
- Laboratory Science
- Quantitative Methods 1

Semester 2

- Animal & Human Biology
- Chemistry 2
- Physics 2
- Quantitative Methods 2
- Current Concepts in Science



Bachelor of Science
Biosciences

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE515	Round 1: 233	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Rosemary O'Hara PhD E: rosemary.ohara@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

Bioscience is the branch of science concerned with living organisms and is the foundation of many other schools of scientific inquiry, including biopharmaceuticals, which refers to medical drugs manufactured in living organisms such as bacteria, yeast and mammalian cells.

Career opportunities

The three year Biosciences with Biopharmaceuticals course is designed to produce highly employable graduates for the bioscience, biotechnology, biopharmaceutical science and food science industries.

These sectors are rapidly evolving and offer excellent and varied employment options in quality control, quality assurance, technical, supervisory or management areas.

Year 1 Modules

Semester 1

- Fundamental Biology
- Chemistry 1
- Physics 1
- Laboratory Science
- Quantitative Methods 1

Semester 2

- Animal & Human Biology
- Chemistry 2
- Physics 2
- Quantitative Methods 2
- Current Concepts in Science



Higher Certificate in Science Applied Biology or Applied Chemistry

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE516	Round 1: 290	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Biology: Adriana Cunha Neves E: adriana.cunhaNeves@setu.ie Chemistry: Dr Gary Cahill, PhD E: gary.cahill@setu.ie
	LEVEL 6	COURSE DURATION 2 YEARS		

About the course

This course provides students with a grounding in scientific knowledge and skills. More than 50% of the content is practical lab based work.

In Year 2, students specialise in either Applied Biology or Applied Chemistry.

This course will provide students with practical skills in bioanalysis, biotechnology, genetics, and biopharmaceutical science.

Career opportunities

The course will provide graduates with knowledge and practical skills necessary to pursue technical careers in the areas of industrial chemistry, pharmaceutical manufacture, scientific instrumentation, quality control, food science and technology.

Students who complete the Higher Certificate in either Applied Biology or Applied Chemistry may gain employment as laboratory technicians. Many students choose to continue their studies at SETU in the areas of biosciences, analytical science, pharmaceuticals and drug formulation.

Year 1 Modules

Semester 1

Fundamental Biology
Chemistry 1
Physics 1
Laboratory Science
Quantitative Methods 1

Semester 2

Animal & Human Biology
Chemistry 2
Physics 2
Quantitative Methods 2
Current Concepts in Science



WORK PLACEMENT
AVAILABLE

Higher Certificate in Science Pharmacy Technician Studies

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE937	Round 1: 200	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 Garda vetting required	David Phelan PhD E: PTQueries.cw@setu.ie
	LEVEL 6	COURSE DURATION 2 YEARS		

About the course

A pharmacy technician is a key member of the pharmacy team involved in the safe dispensing of medicines.

This programme prepares students for this role and provides a blend of academic knowledge, hands on experience and real word learning. Students attend on campus classes and practicals and complete a weekly work placement in a community pharmacy.

In Year 2 students benefit from a six month placement in a hospital or community pharmacy.

Career opportunities

Graduates are employed as pharmacy technicians in community pharmacies and hospital settings.

Year 1 Modules

Semester 1

Human Physiology
Drugs & How They Work 1
Pharmaceutical Chemistry
Over the Counter
Pharmacy Calculations & Computing

Semester 2

Regulations & Dispensing
Drugs & How They Work 2
Formulation & Compounding 1
Pharmacy Administration & Work Placement



WORK PLACEMENT
AVAILABLE

VETERINARY, AGRICULTURE, HORTICULTURE & FORESTRY



Bachelor of Veterinary Medicine (MVB) Veterinary Medicine

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE526	Round 1: NEW	2 subjects: H4 4 subjects: O6/H7 Chemistry OR Biology: H4 English OR Irish: O6/H7 Mathematics: O6/H7	Dr Mary-Kate Burke PhD E: mary-kate.burke@setu.ie
	LEVEL	COURSE DURATION		
	8	5 YEARS		

About the course

The Bachelor of Veterinary Medicine (MVB) at SETU is a five-year degree designed for students passionate about animal health and welfare. The programme covers animal biology, disease diagnostics, clinical medicine, surgery, and professional practice. Students' progress through pre-clinical, clinical, and professional phases, gaining hands-on experience in real-world veterinary settings. Aimed at those seeking a career as a veterinary surgeon, it includes practical placements in both small and



large animal care across veterinary clinics and hospitals.

Career opportunities

Graduates of the MVB in Veterinary Medicine at SETU can become licensed veterinary surgeons, working in small or large animal practices. Career paths also include roles in animal health research, diagnostics, and pathology. Opportunities exist in public health, food safety, and regulatory bodies. Graduates may work with government agencies, pharmaceutical companies, or wildlife and conservation organisations. Further study can lead to specialisation in areas such as surgery, internal medicine, or veterinary public health.

Year 1 Modules

Semester 1
Science of Veterinary Structural and Endocrine Systems
Animal Behaviour, Welfare and Husbandry
Veterinary Professional Skills

Semester 2
Science of Veterinary Alimentary Systems
Science of Veterinary Cardiorespiratory Systems
Animal Husbandry and Nutrition
Veterinary Ethics and Teamwork

* Students will be required to complete 60 hours of veterinary or animal husbandry related work experience within three years of applying to this course. Please see website for more details.



Bachelor of Science (Honours) Agriculture

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE529	Round 1: NEW	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Tony Woodcock PhD E: tony.woodcock@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

The BSc (Honours) in Agriculture is a four-year Level 8 degree designed to equip students with the knowledge and skills needed to manage modern commercial farms. The first two years focus on practical farming skills, while the third year enhances business, managerial, scientific, and IT competencies. Students undertake a 12-week farm placement in the second year, gaining hands-on experience on high-quality commercial farms. Graduates are prepared for roles in farm management, agri-food cooperatives, meat processing, and agribusiness sales.



Career opportunities

Graduates of The BSc (Honours) in Agriculture at SETU are equipped with a diverse skill set that opens doors to various career paths including:

- Farm Manager
- Agricultural Advisor
- Agribusiness Sales Representative
- Livestock or Crop Production Specialist
- Quality Assurance Officer
- Agri-food Industry Technician
- Feed or Fertiliser Sales
- Farm Inspector
- Supply Chain Assistant
- Agricultural Contractor.

Graduates may also pursue further study.

Year 1 Modules

Semester 1
Introduction to Farm Accounts
Plant Biology
Communication Skills
Computer Applications
Mechanisation & Safety
Animal Breeding & Welfare

Semester 2
Chemistry for Land Sciences
Agriculture in the Economy
Animal Biology
Animal Production
Agricultural Mechanisation
Tillage Crop Production



Bachelor of Science (Honours) Agricultural Science

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE502	Round 1: 381	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Michael Breen PhD E: michael.breen@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Agricultural Science is the application of science and other disciplines to the production of quality food.

The purpose of the course is to prepare students for a career in the areas of agricultural science and agri-business.

Self-management, teamwork, business awareness, problem solving, land management and communication are all areas which are strongly incorporated into the programme.



Career opportunities

Graduates from BSc (Honours) in Agricultural Science can expect to find employment in the following areas:

- Senior technical positions in quality control in agri-food industries
- Sales and marketing departments of agri-businesses
- Technical personnel in organisations offering environmental and other services to farmers
- Start-up agricultural-based businesses.

Year 1 Modules

Semester 1
Introductory Biology
Introductory Chemistry
Introductory Physics
Good Lab. Practice & Core Skills
Introductory Mathematics
Intro to ICT for Scientists

Semester 2
Physical & Organic Chemistry
Cell Biology & Biochemistry
Physics for Scientists
Mathematics for Scientists
Animal Biology
Plant Biology



Bachelor of Science Agriculture

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE508	Round 1: 315	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Tony Woodcock PhD E: tony.woodcock@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

The first two years of the course concentrates on equipping the student with the knowledge and skills needed to manage a modern commercial farm.

The third year aims to expand the student's business, managerial, scientific and IT skills.

This is a very practical course and it fulfils the requirements for stamp duty exemption or land transfer for young farmers (Green Cert.)



Career opportunities

Graduates from BSc in Agriculture may find employment in fields such as:

- Managers of modern farm enterprises
- Managers in agri-food cooperatives
- Managers in meat processing plants
- Sales positions in agribusiness.

Progression

BSc (Honours) in Land Management in Agriculture.

Year 1 Modules

Semester 1
Intro to Farm Accounts
Plant Biology
Communication Skills for Agriculturists
Computer Applications
Mechanisation & Safety
Intro to Animal Breeding & Welfare


Semester 2
Chemistry for Land Sciences
Agriculture in the Economy
Animal Biology
Animal Production
Mathematics and Physics for Agriculture
Tillage Crop Production




COMMON ENTRY

Sustainable Farm Management & Agribusiness (Wexford)

COURSE CODE	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
SE503 (Level 8) SE509 (Level 7)	Level 8: 2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7 Level 7: 5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Stephen Whelan PhD E: stephen.whelan@setu.ie

Level 8


Level 7


About the course
Agriculture and agri-food are dynamic sectors that continue to evolve in response to global challenges and new opportunities. The BSc (Honours) in Sustainable Farm Management and Agribusiness provides students with a well-rounded degree that blends theory with hands-on learning across agri-science, agri-business, and land-based training. This course equips graduates with the technical knowledge and practical skills needed to thrive in the agricultural industry.

allowing students to gain a strong foundation before deciding which pathway best suits their interests. Years 1 and 2 focus on technical and business skills used in farm enterprises, while Years 3 and 4 build deeper knowledge of agricultural systems, including organic production, agri-business management, and the biological principles underpinning the sector. Completion of Year 2 also qualifies students for Green Cert recognition, making them eligible for stamp duty exemption and land transfer schemes for young farmers.

Career opportunities

Graduates from the BSc (Honours) in Sustainable Farm Management and Agribusiness can pursue careers in farm advisory services, agricultural officer roles in state and semi-state organisations, technical sales, and agri-finance.

Graduates from the BSc (Honours) in Organic Agriculture will be equipped to work across the organic

agri-food sector in roles such as organic farm management, certification and advisory services, sustainable food production, and agricultural business development.

Both programmes also provide a strong foundation for postgraduate study at Level 9 and Level 10 at SETU and beyond, with opportunities in areas such as agri-science research, policy, and rural development.

Year 1 Modules

Semester 1

Applied Physics & Chemistry
Principles of Crop and Grassland Production
Farm Health & Safety
Academic & Personal Skills Development
Digital Skills for Agriculture

Semester 1

Basic Mathematics
Animal & Plant Biology
Principles of Animal Production
Farm Mechanisation & Regulations
Agribusiness Management



COMMON ENTRY — Bachelor of Science (Honours) or Bachelor of Science Sustainable Farm Management & Agribusiness

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Wexford	SE503 (Level 8)	L8: 280 L7: 252	SE503 (Level 8) or SE509 (Level 7) Bachelor of Science (Common Entry)	Dr Stephen Whelan PhD E: stephen.whelan@setu.ie
	SE509 (Level 7)	COURSE DURATION L8: 4 YEARS L7: 3 YEARS		

About the course

The agri-food sector is one that constantly evolves to rise up to new challenges and capitalise on new opportunities.

Sustainable Farm Management and Agribusiness is a well-balanced degree that combines theory and hands-on learning in the agri-sciences, agri-business and land based training that are required for graduates to be successful in the industry.

Level 8



Level 7



In year two there is an option to choose an Organic Agricultural Stream.

Career opportunities

Employment opportunities for graduates from the level 8 in Sustainable Farm Management and Agribusiness include: farm advisory services, agricultural officers in state and semi-state organisations, technical sales and agri-finance.

Continuing your studies to level 9 or level 10 at SETU.

Year 1 Modules

Semester 3

Academic and Professional Agricultural Microbiology
Applied ICT in Agriculture
Concepts in Soil Science
Farm Financial Accounting
Genetics and Breeding

Semester 4

Agricultural Marketing I
Agricultural Micro Economics
Animal Nutrition
Concepts in Sustainable Agriculture
Sustainable Cropping Systems



COMMON ENTRY — Bachelor of Science (Honours) or Bachelor of Science Organic Agriculture

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Wexford	SE503 (Level 8)	L8: 280 L7: 252	SE503 (Level 8) or SE509 (Level 7) Bachelor of Science (Common Entry)	Dr Stephen Whelan PhD E: stephen.whelan@setu.ie
	SE509 (Level 7)	COURSE DURATION L8: 4 YEARS L7: 3 YEARS		

About the course

Organic Agriculture is a programme for students that want to lead the development of the Irish Organic Sector. Graduates from the programme will have a skill set that specialises in organic food production and can be applied across the entire agrifood industry.

Level 8



Level 7



Career opportunities

Employment for graduates of this programme may include:

- Employment in State and Semi-State organisations
- Farm Advisory Services with an emphasis on organic farms
- Organic Certification Bodies
- Technical Sales
- Agri-finance
- Graduates may also progress to Level 9 and Level 10 programmes in SETU.

Year 1 Modules

Semester 3

Agricultural Microbiology
Applied ICT in Agriculture
Concepts in Soil Science
Farm Financial Accounting
Genetics and Breeding
Principals and Standards of Organic Production

Semester 4

Agricultural Marketing I
Agricultural Micro Economics
Agroforestry Production Systems
Animal Nutrition
Fundamentals of Protected Cropping Systems in Organic Agriculture



Bachelor of Science (Honours) Horticulture

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE528	Round 1: NEW	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Cara Daly PhD E: cara.daly@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

The BSc (Honours) in Horticulture at Kildalton College is a four-year Level 8 degree delivered in partnership with Teagasc and South East Technological University. It blends science, practical skills, and business, covering plant production, landscape design, food crops, and sustainability. With a 15-week industry placement, graduates earn Green Cert status. This course suits those passionate about plants, the environment, sustainable food production, or pursuing a dynamic career in horticulture, landscaping, or agribusiness.



Career opportunities

Level 8 graduates can pursue careers across horticulture, from roles like craft gardener, greenkeeper, nursery producer, or florist, to self-employed landscapers, designers, or garden centre managers. Opportunities also exist as arboriculturists, therapists, or educators, with further study expanding options.

Year 1 Modules

Semester 1

Communication Skills and Computer Applications
Horticulture Skills 1
Plant Biology
Plant Knowledge 1
Plant Protection
Soil and Growing Media

Semester 2

Chemistry for Land Scientists
Horticulture Building Construction
Horticultural Mechanisation and Safety
Horticulture Skills 2
Plant Knowledge 2
Plant Propagation



Bachelor of Science Horticulture

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
National Botanic Gardens Dublin	SE507	Round 1: 206	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Cara Daly PhD E: cara.daly@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

This is a three year level 7 course delivered with our partners Teagasc College of Amenity Horticulture based in the National Botanic Gardens.

You will benefit from the skills and expertise of staff and have access to the plant collection.

In Year 2 you will spend a semester on work placement in Ireland or abroad where you will train to be a professional horticulturist.



Career opportunities

Industry constantly requires trained, skilled and knowledgeable horticulturists in the areas of: Growing Fruit and Vegetables, Green keeping, Nursery Stock Production, Craft gardening, Landscaping, Garden Centre Management, Teaching, Landscape Design, Sports ground maintenance, Arboriculture.

Further training opens opportunities to research in plant science, pathology, or ecology.

Progression

Graduates of this course will have the opportunity to join the final year of the BSc (Honours) in Horticulture to obtain their level 8 degree.

Year 1 Modules

Semester 1

Communication Skills & Computer Applications
Horticulture Skills 1
Plant Biology
Plant Knowledge 1
Plant Protection
Soil & Growing Media

Semester 2

Chemistry for Land Scientists
Horticulture Building Construction
Horticultural Mechanisation & Safety
Horticulture Skills 2
Plant Knowledge 2
Plant Propagation



Bachelor of Science Horticulture

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Kildalton and Waterford	SE506	Round 1: 217	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Cara Daly PhD E: cara.daly@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

SETU's BSc in Horticulture course is a full-time, three year course designed to train professional horticulturists.

Our students study STEM-rich horticulture modules, undertake work placement, gain business acumen, and graduate from the course having specialised in two major streams of horticulture study.

Progression

Graduates of this course will have the opportunity to join the final year of the BSc (Honours) in Horticulture to obtain their level 8 degree.



Career opportunities

Craft Gardener in public parks, private or heritage gardens, Greenkeeper, Nursery Stock Producer, self-employed Landscaper/Landscape Designer, Garden Maintenance Contractor, Fruit/Vegetable Producer, Florist, Horticulture Teachers and Lecturers, Hort Therapists, Mushroom Grower, Tree Surgeon/Arboriculturist, Garden Centre Owner/Manager, Tree/Bedding Plant Producer, Research Scientist

Further training opens opportunities to research in plant science, pathology, or ecology.

Year 1 Modules

Semester 1

Communication Skills & Computer Applications
Horticulture Skills 1
Plant Biology
Plant Knowledge 1
Plant Protection
Soil & Growing Media

Semester 2

Chemistry for Land Scientists
Horticulture Building Construction
Horticulture Mechanisation & Safety
Horticulture Skills 2
Plant Knowledge 2
Plant Propagation



Bachelor of Science (Honours) Forestry

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE527	Round 1: NEW	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Tom Kent MSIF E: tom.kent@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

The BSc (Honours) in Forestry is a four-year Level 8 degree focused on sustainable forest management. Students engage in extensive fieldwork and a semester-long industry placement, gaining practical experience in forest operations. The curriculum covers topics such as silviculture, forest protection, timber technology, and environmental management. Graduates are prepared for careers in forest management, conservation, and the timber industry, or may pursue further study in related fields.



Career opportunities

Graduates of The BSc (Honours) in Forestry at SETU are equipped with a diverse skill set that opens doors to various career paths including:

- Forest Manager
- Forestry Contractor
- Timber Harvest Planner
- Environmental or Conservation Officer
- Forest Inventory Specialist
- GIS Technician
- Arborist
- Woodland Consultant
- Nursery Manager
- Forest Product Sales Representative

Graduates may also pursue further study.

Year 1 Modules

Semester 1

Plant Biology
Forest Establishment
Mechanisation & Safety
Dendrology
Mathematics for Forestry
Information & Communication Technology for Forestry

Semester 2

Forest Surveying & Mapping
Fundamentals of Forestry
Wood Science
Earth Science
ICT for Forestry
Chemistry for Land Scientists



Bachelor of Science Forestry

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE505	Round 1: 271	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Tom Kent MSIF E: tom.kent@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

The BSc in Forestry is aimed at providing students with the education, knowledge and skills to start a professional career in sustainable forest management. Practical classes and field trips are an essential element of all modules, to apply technical skills and demonstrate forest practices. All students undertake a semester of forestry placement in second year or students may opt to study abroad. On completion, students may progress onto the top-up one year Level 8 BSc in Land Management in Forestry.



Career opportunities

A professional forester's role is to manage trees and forests for climate, environmental and social benefits, while also producing wood, a sustainable and renewable material used in construction, furniture, joinery, paper, energy and bio-refining of chemicals. Sustainable forest management is a global imperative for a healthy planet and people. Our graduates work with Coillte, Teagasc and the Department of Agriculture, Food and the Marine and a wider range of private forest management companies, wood processing industries in Ireland and internationally. BSc in Forestry graduates are entitled to register as a DAFM Approved Forester.

Year 1 Modules

Semester 1

Plant Biology
Forest Establishment
Mechanisation & Safety
Dendrology
Mathematics for Forestry
Communication Skills & Computer Applications

Semester 2

Forest Surveying & Mapping
Fundamentals of Forestry
Wood Science
Earth Science
ICT for Forestry
Chemistry for Land Scientists



COMPUTING



COMMON ENTRY

Computer Science (Waterford)

COURSE CODES	STREAMS	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
SE600	Automotive & Automation Systems Cloud & Networks Computer Forensics & Security Internet of Things Game Development	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O3/H7	Robert O'Connor MSc E: robert.oconnor@setu.ie



About the course

This is a four year full-time programme which prepares students for an exciting career in the fast-paced world of technology. Students are introduced to the fundamentals of computer science and over the four years, build up their knowledge of software development, computer systems, networking and data science. Students choose a specialist stream from Year 2 onwards.

Career opportunities

Graduates of Computer Science are amongst the most sought-after computing professionals in Ireland today. As well as working directly in the IT industry, graduates are also employed in sectors that have been profoundly changed by technology, such as healthcare, media, finance, logistics, pharmaceuticals and agriculture. There are also opportunities for postgraduate study.

Year 1 Modules

- Semester 1**
 Programming Fundamentals 1
 Computer Systems 1
 Website Development 1
 Physics 1
 Discrete Mathematics
 The Computer Industry
- Semester 2**
 Programming Fundamentals 2
 Computer Systems 2
 Web App Development 1
 Physics 2
 Applied Calculus
- Choose one elective*
 Automotive & Automation Systems
 Cloud & Networks
 Computer Forensics & Security
 Game Development
 Internet of Things

Computer Science — COMMON ENTRY Degree Options



COMMON ENTRY — Bachelor of Science (Honours)

Computer Science (Automotive & Automation Systems)

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE600	Round 1: 309	SE600 Computer Science (Common Entry)	Robert O'Connor, MSc E: robert.oconnor@setu.ie Brendan Jackman, MTech E: brendan.jackman@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This is a specialism within Computer Science. Advances in automotive technology have resulted in a rapid growth in innovative features such as driverless cars and collision avoidance. These features require sophisticated software that can sense and interpret the environment around them.



Career opportunities

Roles available to graduates of this programme include:

- Automotive Software Developer
- Embedded Systems Developer in the automation, robotics and medical devices industries
- System integration roles with major car manufacturers and suppliers
- Control systems development for motor sport.
- Process control software developer
- There are also opportunities for follow on study.

Year 2 Modules

- Semester 1**
 Data Structure & Algorithms 1
 Relational Databases
 Computer Networks
 Mathematical Methods
 Professional Communications
 Embedded Systems
- Semester 2**
 Data Structure & Algorithms 2
 Software Eng. Practice
 Applied Cryptology
 Statistics & Probability
 DC/AC Fundamentals
 Programmatic Logic Controllers



COMMON ENTRY — Bachelor of Science (Honours)

Computer Science (Cloud & Networks)

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE600	Round 1: 309	SE600 Computer Science (Common Entry)	Robert O'Connor, MSc E: robert.oconnor@setu.ie Richard Frisby, MSc E: richard.frisby@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This is a specialism within the Computer Science (Common Entry) programme. The stream is designed to equip students with a practical understanding of Operating Systems and the tools required to deploy, manage and troubleshoot the underlying infrastructure supporting networked systems.



Career opportunities

Graduates who are able to configure, manage and troubleshoot applications and services in cloud based systems are in high demand across many domains. Recent graduates are eagerly sought after by many local companies such as Red Hat, Errigal, Done Deal, Sun Life Financial Services as well as international organisations. There are also opportunities for postgraduate study.

Year 2 Modules

- Semester 1**
 Data Structure & Algorithms 1
 Relational Databases
 Computer Networks
 Mathematical Methods
 Professional Communications
 Operating Systems
- Semester 2**
 Data Structure & Algorithms 2
 Software Eng. Practice
 Applied Cryptology
 Statistics & Probability
 Network Theory
 Networks Infrastructure



COMMON ENTRY — Bachelor of Science (Honours)
Computer Science (Computer Forensics & Security)

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE600	Round 1: 309	SE600 Computer Science (Common Entry)	Robert O'Connor , MSc E: robert.oconnor@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		Dr John Sheppard , PhD E: john.sheppard@setu.ie

About the course

The course is designed to equip graduates with the skills and knowledge needed to secure, monitor and examine electronic crime scenes and digital environments.

Criminal prosecutors have used computer forensic evidence to form the backbone in cases through the use of technologies such as smartphone forensics. The course covers programming, computer networks, operating systems and web technologies.



Career opportunities

The domain of computer security and forensics is growing and has become more essential than ever before.

Virtually all organisations now need and use internet technologies in their daily business.

Many companies employ full-time security personnel to fulfil these roles, whilst other organisations outsource them to external firms. There are also opportunities for follow on study.

Year 2 Modules

- Semester 1**
 Computer Networks
 Data Structure and Algorithms 1
 File System Forensics
 Mathematical Methods
 Professional Communications
 Relational Databases
- Semester 2**
 Applied Cryptology
 Data Structures and Algorithms 2
 Forensic Accounting and Fraud Auditing
 Secure Programming and Scripting
 Software Engineering Practice
 Statistics and Probability



COMMON ENTRY — Bachelor of Science (Honours)
Computer Science (Game Development)

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE600	Round 1: 309	SE600 Computer Science (Common Entry)	Robert O'Connor , MSc E: robert.oconnor@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		Brendan Lyng , MSc E: brendan.lyng@setu.ie

About the course

This is a specialism within the Computer Science (Common Entry) programme. Students develop a portfolio of playable games and game prototypes using high-level game development tools such as Unity, Unreal, C# and JavaScript.

Students also develop skills to enable them to create games ranging in technical complexity from indie and casual games up to AAA high-end commercial games.



Career opportunities

Employment prospects in computing are extremely healthy at the moment, with demand for skilled graduates exceeding supply.

Graduates of this course will have the skills necessary to follow opportunities that present themselves in this growing industry as well as having the freedom to choose their own career path.

There are also opportunities for follow on study.

Year 2 Modules

- Semester 1**
 Data Structures and Algorithms
 Relational Databases
 Computer Networks
 Mathematical Methods
 Introduction to Game Design
 Professional Communications
- Semester 2**
 Database Structures and Algorithms 2
 Statistics and Probability
 Applied Cryptography
 Software Eng. Practice
 Introduction to Game Development
 3D Game Assets



COMMON ENTRY — Bachelor of Science (Honours)
Computer Science (Internet of Things)

LOCATION	COURSE CODE	CAO POINTS 2025	COMMON ENTRY ROUTE	STREAM LEAD
Waterford	SE600	Round 1: 309	SE600 Computer Science (Common Entry)	Robert O'Connor , MSc E: robert.oconnor@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		Dr Frank Walsh , PhD E: frank.w.walsh@setu.ie

About the course

This is a specialism within Computer Science (Common Entry) programme. Internet of Things (IoT) refers to everyday objects which have the ability to harvest and process information and the connectivity capabilities to communicate the results.

IoT enables and facilitates smart cities and smart agriculture as well as improvements in industrial applications, emergency operations, health and home automation.



Career opportunities

Be a programmer and a maker! Be a hacker and a creator! The skills you acquired from this programme place graduates in a unique position - top class programming abilities combined with a solid understanding of how electronic devices are designed, configured and managed.

There are also opportunities for postgraduate study.

Year 2 Modules

- Semester 1**
 Electronic Devices & Systems
 Computer Networks
 Data Structures and Algorithms 1
 Mathematical Methods
 Project Semester 3
 Relational Databases
- Semester 2**
 IoT Standards & Protocols
 Applied Cryptography
 Data Structures and Algorithms 2
 DC/AC Fundamentals
 Project Semester 4
 Statistics & Probability



Bachelor of Science (Honours) Information Technology Management

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE601	Round 1: 309	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Enda Dunican EdD E: enda.dunican@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This course is aimed at students who are interested in working as an IT professional.

It provides graduates with a qualification that enables them to work in a vast array of organisations from small local companies and public service bodies to large multinationals. Graduates are exposed to a blend of business and IT subjects which is seen as critical by many employers.

Career opportunities

- Business Analyst
- Systems Administrator
- IT Consultant
- Database Administrator
- Network Administrator
- Web Developer
- Deployment Engineer
- Data Management Analyst
- IT Manager
- Self-employed IT Professional.

Year 1 Modules

Semester 1

Programming 1
Mathematics 1
Computer Hardware 1
Networking 1
Applications & Interpersonal Communication

Semester 2

Programming 2
Mathematics 2
Operating Systems
Computer Hardware 2
Networking 2



Bachelor of Science Information Technology

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE613	Round 1: 204	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O5/H7	Sinead Walsh, MSc E: sinead.walsh@setu.ie Dr TJ McDonald, PhD E: tj.mcdonald@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

The BSc in Information Technology facilitates graduates to develop practical skills that can be applied in companies to help them solve their problems and provide more efficient services & products.

Graduates will develop communication skills, web design abilities, database techniques, network and security strategies, as well as complete work experience to help them build a career in IT.

Career opportunities

- Cloud Computing Architect
- Network Engineer
- Systems Analyst
- Computer Support Specialist
- Data Quality Manager
- Information Technology Analyst
- Information Security Specialist.

Progression

BSc (Honours) in Information Technology Management.

Year 1 Modules

Semester 1

Programming Concepts
Website Development 1
Computer Systems 1
Communication Skills
Systems Analysis Design
Mathematics Fundamentals

Semester 2

Programming Fundamentals 1
Web Design & Development
Computer Systems 2
Intro to Cloud Computing
Business Information Systems and Processes
Statistical Analysis



Bachelor of Science Information Technology Management

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE614	Round 1: 290	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Enda Dunican EdD E: enda.dunican@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

This course focuses on developing graduates who have a skillset that enables them to function in a wide variety of IT related environments.

It provides graduates with practical computing skills in: networking, systems administration and infrastructure, as well as web development. Graduates engage in business related subjects which enable them to appreciate the need for alignment between business requirements and systems development and maintenance in modern organisations. Employers value the practical nature of the

course where graduates can hit the ground running and add value to their IT Department.

Career opportunities

There is a strong demand for graduates with the skill sets obtained from this degree both in Ireland and abroad. Opportunities include:

- Database Designer & Developer
- Cloud Computing Architect
- Network Engineer
- Systems Analyst
- Data Quality Manager
- Information Technology Analyst
- Information Security Specialist.

Progression

BSc (Honours) in Information Technology Management or any other Level 8 Computing course.

Year 1 Modules

Semester 1

Programming 1
Mathematics 1
Computer Hardware 1
Networking 1
Applications & Interpersonal Communication

Semester 2

Programming 2
Mathematics 2
Operating Systems
Computer Hardware 2
Networking 2



Bachelor of Science (Honours) Computer Forensics & Security

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE602	Round 1: 309	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O3/H7	Dr John Sheppard PhD E: john.sheppard@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Students who undertake this course will become aware of the value of data in storage and in transit and the need for security. When reconstructing what has happened on a digital device, they are able to adapt to the use of new tools to aid in their analysis. You will explore issues relating to system and network security as well as ethical hacking techniques for penetration testing. You will learn how to respond to a suspicious incident and the importance your actions can have. You will also

learn how to collect and examine network data for types of evidence as well as to generate statistical, session and alert information. Being

a strong programmer helps with skills such as secure software development and reverse engineering. Modules in law and business help prepare you for working in a range of roles that you may pursue as a career.

Career opportunities

The domain of computer security and forensics is growing and has become more essential than ever before. Virtually all organisations now need and use internet technologies in their daily business. Many companies employ full-time security personnel to fulfil these roles, whilst other organisations outsource them to external firms. There are also opportunities for follow on study.

Year 1 Modules

Semester 1

Programming Fundamentals 1
Computer Systems 1
Website Development 1
Physics 1
Discrete Mathematics
The Computer Industry

Semester 2

Programming Fundamentals 2
Computer Systems 2
Web App Development 1
Intro to Security & Forensics
Applied Calculus
Creative Problem Solving



Bachelor of Science (Honours) Cyber Crime & IT Security

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE606	Round 1: 309	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Richard Butler MSc E: richard.butler@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This program aims to produce graduates who are well-versed in a multitude of cybersecurity disciplines. Students will evaluate the security posture of IT infrastructure and software applications in a lab-based environment. By fostering proficiency in Cybersecurity fields of study, students will be empowered to develop secure and scalable solutions tailored to industry needs.

Career opportunities

Cybersecurity offers a vast array of career opportunities across various industries and sectors. Many companies, ranging



from technology firms to financial institutions, have dedicated cybersecurity teams to protect their networks, systems, and data, offering roles such as security analysts, penetration testers, and incident responders. Furthermore, the rapid expansion of cloud computing has created demand for cybersecurity specialists who can address the unique security challenges posed by these technologies. With cyber threats becoming increasingly sophisticated and pervasive, the demand for skilled cybersecurity professionals is expected to continue growing, offering abundant career prospects for those interested in this field.

Year 1 Modules

- Semester 1**
- Programming 1
 - Mathematics 1
 - Computer Hardware 1
 - Networking 1
 - Applications & Interpersonal Communication
- Semester 2**
- Programming 2
 - Mathematics 2
 - Operating Systems
 - Computer Hardware 2
 - Networking 2



Bachelor of Science (Honours) Software Development

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE603	Round 1: 318	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Joseph Kehoe PhD E: joseph.kehoe@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

This course equips students with the skills required to become software developers. Students learn how to collaborate creatively with people to produce software for phones, cars, tablets and computers that solve real world problems. Students follow our new 'learn-by-doing' model in Year 1.

Students cover a wide range of subjects and work placement. Year 4 concentrates on state-of-the-art, high-level topics such as: secure app development, data science, concurrent systems and a large software project.



Career opportunities

Ireland is a large global player in software development with significant employment opportunities for our graduates at home and abroad.

Graduates of this course are working with companies such as UNUM, Google, IBM, Microsoft, HP, AOL, DoneDeal, Symantec and Intel.

SETU's Bachelor of Science (Honours) in Software Development (SE603) is also offered as a tertiary degree programme with Laois and Offaly Education and Training Board. Full details of this pathway are available on inside back cover.

Year 1 Modules

- Semester 1**
- Programming 1
 - Mathematics 1
 - Computer Hardware 1
 - Networking 1
 - Applications & Interpersonal Communication
- Semester 2**
- Programming 2
 - Mathematics 2
 - Operating Systems
 - Computer Hardware 2
 - Networking 2



Bachelor of Science Cyber Crime & IT Security

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE612	Round 1: 244	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Richard Butler MSc E: richard.butler@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

This programme is designed to address the increasing demand for cybersecurity experts in today's technology-driven world. Students of this programme gain knowledge and skills in cybersecurity processes, practices, implementation and assessment of both IT infrastructure and software. With this expertise programme graduates can devise secure, adaptable and scalable solutions that meet the needs of various industries.



Career opportunities

With ever-growing concern over the privacy and security of digital information, cybersecurity has become one of the fastest growing sectors in the technology industry. Professionals with cybercrime and IT security qualifications and experience are highly sought after. Career options include roles in ethical hacking, secure network management and Security, Risk & Crisis Management fields.

Year 1 Modules

- Semester 1**
- Programming 1
 - Mathematics 1
 - Computer Hardware 1
 - Networking 1
 - Applications & Interpersonal Communication
- Semester 2**
- Programming 2
 - Mathematics 2
 - Operating Systems
 - Computer Hardware 2
 - Networking 2

Bachelor of Science Software Development

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE609	Round 1: 244	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Dr Chris Meudec PhD E: chris.meudec@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

Software development is about creating software: for mobile phones, for websites, for self-driving cars, for banking.

You will learn all the skills needed to become a successful software developer - from computer programming, project management, user interactions as well as how to work in a team.

The third year includes a six months hands-on industry work placement.



Career opportunities

Ireland is a large global player in software development: attractive job opportunities are plentiful and forecast to remain high.

Graduates of this course are working in Ireland and around the world with companies such as UNUM, Google, DELL, IBM, Microsoft, HP, AOL, DoneDeal, Symantec, Bank of America and Intel.

Graduates can also progress to our Level 8 BSc (Honours) in Software Development.

Year 1 Modules

- Semester 1**
- Programming 1
 - Mathematics 1
 - Computer Hardware 1
 - Networking 1
 - Applications & Interpersonal Communication
- Semester 2**
- Programming 2
 - Mathematics 2
 - Operating Systems
 - Computer Hardware 2
 - Networking 2



Bachelor of Science (Honours) Software Systems Development

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE604	Round 1: 320	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O5/H7	Amanda Freeman-Gater MSc E: amanda.freeman-gater@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

This four-year programme empowers students with a comprehensive understanding of software development, web development, mobile app development, and data science alongside security fundamentals.

Through specialised coursework, students delve into advanced programming languages and techniques essential for software engineering. They master web development frameworks, crafting dynamic and interactive web applications. Dedicated modules in mobile app development equip students



with the skills to create innovative solutions for iOS and Android platforms. Moreover, the curriculum delves into

data science methodologies, enabling students to extract insights from complex datasets. Graduates emerge with a versatile skill set, ready to meet the evolving demands of the tech industry.

Elective Streams

In the second year, students have the opportunity to specialise further by selecting an elective stream in business, psychology or a language.

We are delighted to announce our new Sports Technology stream. In this stream students will study sports biomechanics and wearable devices. This knowledge will enable our students to pave a career in the ever growing sports technology industry.

Year 1 Modules

Semester 1

Communication Skills
Computer Systems 1
Mathematical Fundamentals
Programming Fundamentals 1
Systems Analysis, Design & Testing
Website Development 1

Semester 2

Business Information Systems & Processes
Computer Systems 2
Intro to Software Engineering
Programming Fundamentals 2
Statistical Analysis
Website Development 2



Bachelor of Science (Honours) Creative Computing

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE605	Round 1: 336	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O5/H7	Bernie McKeown, MSc E: bernie.mckeown@setu.ie Jacqui Woods O'Brien, MSc E: jacqui.woodsobrien@setu.ie
	LEVEL 8	COURSE DURATION 4 YEARS		

About the course

The BSc (Honours) in Creative Computing provides students with the knowledge and practical experience of industry standard innovative tools and technologies, within the domains of technology and creative media.

This enables graduates to pursue a career in both the computing and creative media industry. Students study 60% computing modules and 40% creative media modules in this programme.



Career opportunities

- Web Development, Mobile App Development and Software Development
- UX (User Experience) Design
- Entertainment Sector - Animation, Film, Creative Content, Pipeline/ Production Management
- Graphic Design
- Software Support.

Year 1 Modules

Semester 1

Creative Programming Fundamentals 1
Graphic Design 1
User Experience Design
Intro to Creative Media
Computer Systems 1
Communication Skills

Semester 2

Creative Programming Fundamentals 2
Website Development 1
Digital Imaging
Pipeline Design Concepts
Computer Systems 2
Mathematics for Problem Solving



Bachelor of Science Software Systems Development

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE610	Round 1: 224	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O5/H7	Amanda Freeman-Gater MSc E: amanda.freeman-gater@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

This 3-year degree programme enables students embark on an immersive journey into the heart of software development, mobile app creation, web development, and data science. Throughout this comprehensive curriculum, students will explore the intricacies of software design and development, mastering essential programming languages and techniques. Students will acquire the skills to craft innovative applications tailored for both iOS and Android



platforms. Through their study of mobile app development, students will learn how to design and build innovative applications for iOS and

Android platforms, create interactive websites using cutting-edge technologies and delve into the realm of data science, discovering how to extract valuable insights from complex datasets to drive decision-making.

With hands-on projects and real-world applications, students graduate equipped with the skills and knowledge needed to thrive in the ever-evolving field of technology.

Career opportunities

- Software Engineer/Developer
- DevOps Engineer
- Full Stack Web Developer
- Data Analyst/Engineer
- Mobile App Developer
- Web Developer.

Year 1 Modules

Semester 1

Communication Skills
Computer Systems 1
Mathematical Fundamentals
Programming Fundamentals 1
Systems Analysis, Design & Testing
Website Development 1

Semester 2

Business Information Systems & Processes
Computer Systems 2
Intro to Software Engineering
Programming Fundamentals 2
Statistical Analysis
Website Development 2



Bachelor of Science Creative Computing

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Waterford	SE611	Round 1: 222	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O5/H7	Bernie McKeown, MSc E: bernie.mckeown@setu.ie Jacqui Woods O'Brien, MSc E: jacqui.woodsobrien@setu.ie
	LEVEL 7	COURSE DURATION 3 YEARS		

About the course

Creative Computing aims to provide students with the cross disciplinary skills of computing and creative media to work in today's highly dynamic digital environment.

If you would like to study a computing course and you also have a creative ability, this might be the course for you!

Students study approximately 60% computing modules and 40% creative media modules in this programme.



Career opportunities

- Web Development, Mobile App Development and Software Development
- UX (User Experience) Design
- Entertainment Sector - Animation, Film, Creative Content, Pipeline/ Production Management
- Graphic Design
- Software Support.

Year 1 Modules

Semester 1

Creative Programming Fundamentals 1
Graphic Design 1
User Experience Design
Intro to Creative Media
Computer Systems 1
Communication Skills

Semester 2

Creative Programming Fundamentals 2
Website Development 1
Digital Imaging
Pipeline Design Concepts
Computer Systems 2
Mathematics for Problem Solving



Bachelor of Science (Honours) Computing in Interactive Digital Art & Design

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE608	Round 1: 321	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Philip Bourke MSc E: philip.bourke@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Interactive Digital Art and Design is one of the most inventive careers within the technology industry. As concept creators, graduates will have a direct influence on product design.

User-focused design is critical in games, applications, entertainment media, simulation, virtual reality, animation and film production.

Our award-winning students and graduates have earned Best User Interface Design honours at the Games Fleadh for two consecutive years, along with the Best Digital Art Award and also industry nominations in 2025.



This proven excellence prepares our students to lead in the industry.

Career opportunities

Graduates will be literate in visual design within the interactive digital art space. They can work as 2D and 3D concept artists, technical artists, user experience designers, user interface designers and programmers.

Our graduates will be well-prepared to contribute to the industry. They can develop prototypes and determine the style of games, applications, and entertainment media. This course opens a wide range of digital art and design career opportunities.

Year 1 Modules

Semester 1

Intro to 2D Digital Art
Communications Skills
Human Computer Interaction
Mathematics for Graphics
Intro to Programming

Semester 2

Concept Art for Games
Game Design
Interaction Design
Intro to Data Analytics
Intro to Object Oriented Programming



Bachelor of Science (Honours) Computer Games Development

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE607	Round 1: 308	2 subjects: H5 4 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Ross Palmer MSc E: ross.palmer@setu.ie
	LEVEL	COURSE DURATION		
	8	4 YEARS		

About the course

Games Development is one of the most exciting and dynamic areas of software development in which to work.

Graduates of this course are sought after by both multinational and indigenous industry leaders such as Microsoft, Black Shamrock, Aeria Games and Viridian Software.

There are currently over sixty gaming startups who are eager to scale up their operations and help position Ireland as the next big gaming hub.



Career opportunities

- Specialist software engineering role in games (Rendering / AI / Gameplay / UI / Networking).
- Engine developer (Unity3D / Unreal / Frostbite)
- Specialist software engineer in performance-related solutions to problems in all types of industry (financial trading / autonomous driving / data analytics etc.)
- Mobile app developer
- General software engineer in the commercial computing sector.

Year 1 Modules

Semester 1

Intro to 2D Digital Art
Communications Skills
Human Computer Interaction
Mathematics for Graphics
Intro to Programming

Semester 2

Concept Art for Games
Game Design
Interaction Design
Intro to Data Analytics
Intro to Object Oriented Programming



Bachelor of Science Computing in Interactive Digital Art & Design

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE615	Round 1: 228	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Philip Bourke MSc E: philip.bourke@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

Interactive Digital Art and Design offers one of the most innovative career paths in the technology industry. As concept creators, graduates will have a direct influence on product design.

User-focused design is critical in games, applications, entertainment media, simulation, virtual reality, animation, and film production.

Our award-winning students and graduates have earned Best User Interface Design honours at the Games Fleadh for two consecutive years, along with the Best Digital Art Award and also industry



nominations in 2025. This proven excellence prepares our students to lead in the industry.

Career opportunities

Graduates will excel as visual designers for interactive digital art, ready for roles like 2D/3D concept artists, interface designers, and programmers. They can develop prototypes, define game and media styles, and explore diverse career opportunities in digital art and design. Graduates may enter the industry or pursue further studies with the BSc. (Honours) in Interactive Digital Art and Design.

Year 1 Modules

Semester 1

Intro to 2D Digital Art
Communications Skills
Human Computer Interaction
Mathematics for Graphics
Intro to Programming

Semester 2

Concept Art for Games
Game Design
Interaction Design
Intro to Data Analytics
Intro to Object Oriented Programming



Bachelor of Science Computer Games Programming

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE618	Round 1: 308	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Ross Palmer MSc E: ross.palmer@setu.ie
	LEVEL	COURSE DURATION		
	7	3 YEARS		

About the course

This course will equip you with the skills to enter one of the fastest-growing and most exciting fields in software development. Our graduates are in high demand by industry leaders, both international giants like EA and innovative Irish studios like Black Shamrock, Digit Game Studios and Viridian Software. Graduates of this programme will be part of Ireland's thriving games industry, which is rapidly gaining recognition as a global centre for game development excellence.



Career opportunities

- Specialist software engineering roles in games (Rendering / AI / Gameplay / UI / Tools / Audio)
- Engine developer (Unity3D)
- Mobile app developer
- General software engineer in the commercial computing sector.

Year 1 Modules

Semester 1

Intro to 2D Digital Art
Communications Skills
Human Computer Interaction
Mathematics for Graphics
Intro to Programming

Semester 2

Concept Art for Games
Game Design
Interaction Design
Intro to Data Analytics
Intro to Object Oriented Programming



Higher Certificate

Science Computing (with options in Applications or Programming)

LOCATION	COURSE CODE	CAO POINTS 2025	ENTRY REQUIREMENTS	PROGRAMME DIRECTOR
Carlow	SE616	Round 1: 216	5 subjects: O6/H7 English or Irish: O6/H7 Mathematics: O6/H7	Catherine Moloney BSc E: catherine.moloney@setu.ie
	LEVEL 6	COURSE DURATION 2 YEARS		

About the course

Computing is the study of computers and computer systems and how they are constructed and programmed. As computing increasingly impacts on every aspect of our lives, it is also becoming a more evolved and complex area.

This course provides a general overview of computing in Year 1 and includes modules in mathematics, programming, hardware, operating systems, networks and applications. In Year 2, students may choose to specialise in computer applications or programming.



Career opportunities

After this course, you will have a broad range of skills to start your career journey in one of the following areas:

- Web Development
- Network Engineering
- Software Development
- Systems Analysis
- Technical Support.

Year 1 Modules

Semester 1

- Programming 1
- Mathematics 1
- Computer Hardware 1
- Networking 1
- Applications & Interpersonal Communications

Semester 2

- Programming 2
- Mathematics 2
- Operating Systems
- Computer Hardware 2
- Networking 2

Tertiary Education Programmes



SETU's tertiary degree programmes allows you to start your degree in one of our partner ETBs/FE colleges before completing your degree programme at SETU.

What are the benefits of a tertiary degree programme?

A tertiary degree programme allows you to start your degree in a smaller campus closer to home. This means reduced accommodation and travel expenses, greater study/life balance, and a smoother transition to higher education.

There are other advantages, as you can enroll for a tertiary degree programme without CAO points, once you meet the minimum eligibility requirements. Finally, there are no fees for the years of the degree programme provided by the ETB. In subsequent years, the normal registration fees will apply, and you will be eligible to apply for a SUSI grant.

For more information about tertiary degree programmes at SETU, visit: www.setu.ie/tertiary or contact:



Sarah Sartori
E: sarah.sartori@setu.ie

Jacqueline Howley
E: jacqueline.howley@setu.ie

T: 059 9175719

Apprenticeship courses

An apprenticeship is a training course that gives students the opportunity to earn a salary as an employee while gaining valuable knowledge and skills in a chosen field. Training is both on-the-job and in a third level setting, combining both

practical skills and theory based knowledge for a qualification which is on the National Framework of Qualifications and is recognised internationally.

SETU Apprenticeships

Construction

- Geo Drilling – Level 6
- Brick and Stonelaying – Level 6
- Plumbing – Level 6
- Carpentry and Joinery – Level 6

Biopharma

- Laboratory Analyst – Level 7
- Laboratory Technician – Level 6

Motor

- Motor Mechanics – Level 6

Electrical

- Electrical – Level 6
- Instrumentation – Level 6
- Electrical Instrumentation – Level 6
- Electronic Security Systems – Level 6

How to become an apprentice

To find an apprenticeship, you can search apprenticeship vacancies on: www.apprenticeship.ie.

For more information on apprenticeships at SETU visit: www.setu.ie/apprenticeships





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Ollscoil
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an Oirdheiscirt

South East
Technological
University

Open Days 2025/26

Parents Information

Session (online)

Tuesday, 25 November

6.30pm - 7.30pm

Carlow Campus

Thursday, 23 October

10.00am - 2.00pm

Wednesday, 14 January

4.30pm - 7.00pm

Saturday, 9 May

10.00am - 2.00pm

Waterford Campus

Friday, 7 November

10.00am - 2.00pm

Thursday, 23 April

6.00pm - 8.00pm

Wexford Campus

Wednesday, 8 October

10:00am - 2:00pm

setu.ie

T: 0818 121212

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Kilkenny Road

Carlow

R93 V960

Waterford Campus

Cork Road

Waterford

X91 KOEK

Wexford Campus

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Y35 KA07