



**TUS**

Ollscoil Teicneolaíochta na Sionainne:  
Lár Tíre, An tIarthar Láir  
Technological University of the Shannon:  
Midlands Midwest

**Undergraduate  
Prospectus  
2025**



**#StartWithTUS**

## Limerick Campuses Open Days

Moylish & Clare Street  
17th & 18th October 2024

## Athlone Campus Open Days

18th & 19th October 2024

## Clonmel Campus Open Days for Digital Animation, Game Art & Visual Effects

23rd October & 23rd November 2024  
18th January 2025

## Thurles Campus Open Day

9th November 2024

## Ennis Campus Open Day

20th November 2024

## LSAD Portfolio Open Day

Clare Street, Limerick  
9th January 2025

## Engineering Open Day

Moylish Campus, Limerick  
11th January 2025

## Athlone Campus CAO Spring Open Evening

9th April 2025

Visit [www.tus.ie/opendays](http://www.tus.ie/opendays) for information on all events.



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COURSE	CODE	LEVEL	DURATION	CAO POINTS 2024	LOCATION	PAGE
<b>BUSINESS</b>						
Business (Honours)	US840	8	4	289	Athlone	25
Business	US720	7	3	231	Athlone	25
Digital Marketing (Honours)	US844	8	4	235	Athlone	26
Digital Marketing	US724	7	3	210	Athlone	26
Law (Honours)	US850	8	4	327	Athlone	27
Business & Law (Honours)	US848	8	4	280	Athlone	28
International Business (Honours)	US853	8	4	291	Athlone	29
Accounting with Finance (Honours)	US846	8	3	298	Athlone	30
Accounting with Finance & Placement (Honours)	US847	8	4	309	Athlone	31
<b>CONSTRUCTION &amp; BUILT ENVIRONMENT</b>						
Built Environment (Common Entry) (Honours) *	US888	8	1	<b>NEW</b>	Athlone	33
Construction Management (Honours)	US884	8	4	290	Athlone	34
Civil Engineering (Honours)	US887	8	4	437	Athlone	35
Civil Engineering	US761	7	3	240	Athlone	35
Quantity Surveying (Honours)	US880	8	4	288	Athlone	36
<b>ENGINEERING</b>						
Engineering (Common Year)	US773	7	3	231	Athlone	38
Mechanical Engineering (Honours)	US910	8	4	309	Athlone	39
Mechanical Engineering with Energy (Honours)	US912	8	4	342	Athlone	40
Polymer & Mechanical Engineering (Honours)	US913	8	4	369	Athlone	41
Automation & Robotics (Honours)	US916	8	4	318	Athlone	42
Design Engineering (Honours)	US812	8	4	432	Athlone	43
<b>HOSPITALITY &amp; TOURISM</b>						
Hospitality Management with International Placement (Honours)	US932	8	4	273	Athlone	45
Business Studies with Event Management (Honours)	US942	8	4	251	Athlone	46
Business Studies with Event Management	US793	7	3	251	Athlone	46
Culinary Arts	US630	6	2	<b>NEW</b>	Athlone	47
<b>INFORMATION TECHNOLOGY &amp; SOFTWARE</b>						
Software Design with Virtual Reality & Gaming (Honours)	US821	8	4	289	Athlone	49
Software Design with Virtual Reality & Gaming	US713	7	3	226	Athlone	49
Software Design with Digitalisation (Honours)	US823	8	4	300	Athlone	50
Software Design with Digitalisation	US715	7	3	243	Athlone	50
Software Design with Artificial Intelligence for Cloud Computing (Honours)	US822	8	4	333	Athlone	51
Software Design with Artificial Intelligence for Cloud Computing	US712	7	3	270	Athlone	51
Computer Engineering (Honours)	US917	8	4	296	Athlone	52
Computer Engineering	US714	7	3	220	Athlone	52
Computer Engineering with Network Infrastructure	US711	7	3	270	Athlone	53
Computer Engineering for Robotics (Honours)	US829	8	4	222	Athlone	54
International Software Design (with International Placement) (Honours)	US918	8	4	-	Athlone	55

\* 1 Year Common Entry Course

COURSE	CODE	LEVEL	DURATION	CAO POINTS 2024	LOCATION	PAGE
<b>MEDIA, DESIGN &amp; MUSIC</b>						
Graphic Design	US700	7	3	#765	Athlone	58
Graphic & Digital Design (Honours)	US803	8	4	#761	Athlone	59
Animation & Illustration (Honours)	US802	8	4	#874	Athlone	60
Animation & Illustration	US778	7	3	#783	Athlone	60
Music & Sound Engineering (Honours)	US809	8	4	290	Athlone	61
Music & Sound Engineering	US704	7	3	285	Athlone	61
<b>NURSING, HEALTH &amp; PSYCHOLOGY</b>						
Dental Nursing	US661	6	2	270	Athlone	63
General Nursing (Honours)	US877	8	4	378	Athlone	64
Mental Health Nursing (Honours)	US878	8	4	299	Athlone	65
Nutrition & Health Science (Honours)	US950	8	4	287	Athlone	66
Physical Activity & Health Science (Honours)	US957	8	4	271	Athlone	67
Exercise & Health Science	US788	7	3	241	Athlone	68
Applied Psychology (Honours)	US925	8	4	420	Athlone	69
<b>SCIENCE</b>						
Biotechnology (Honours)	US861	8	4	324	Athlone	71
Biotechnology	US731	7	3	320	Athlone	71
Pharmaceutical Sciences (Honours)	US866	8	4	280	Athlone	72
Pharmaceutical Sciences (Drug Development & Analysis)	US733	7	3	222	Athlone	73
Pharmacy Technician	US660	6	2	252	Athlone	74
Pharmacy Technician	Add-on	7	1	N/A	Athlone	75
Pharmacology (Honours)	US865	8	4	305	Athlone	76
Microbiology (Honours)	US862	8	4	308	Athlone	77
Bioveterinary Science (Honours)	US867	8	4	289	Athlone	78
Veterinary Nursing	US738	7	3	390	Athlone	79
Applied Bioscience (Honours)	Add-on	8	1	N/A	Athlone	80
<b>SOCIAL SCIENCES</b>						
Social Care Practice (Honours)	US921	8	4	270	Athlone	82
Applied Social Studies in Social Care	US782	7	3	218	Athlone	83
Early Childhood Education & Care (Honours)	US926	8	4	262	Athlone	84
Early Childhood Education & Care	US780	7	3	196	Athlone	84
<b>SPORT</b>						
Sports Science with Exercise Physiology (Honours)	US951	8	4	368	Athlone	86
Athletic & Rehabilitation Therapy (Honours)	US956	8	4	484	Athlone	87
Sport Management with International Placement (Honours)	US952	8	4	234	Athlone	88
Physical Education Studies (Honours)	US933	8	4	<b>NEW</b>	Athlone	89

# PORTFOLIO REQUIRED CAO Points are Round 1 Points 2024

# TUS Midwest – Course Guide

(Moylish, Clare Street, Thurles, Clonmel & Ennis Campuses)

COURSE	CODE	LEVEL	DURATION	CAO POINTS 2024	LOCATION	PAGE
<b>LIMERICK SCHOOL OF ART &amp; DESIGN</b>						
<b>First Year Art &amp; Design (Common Entry) *</b>	US800	8	1	#785	Clare Street, Limerick	92
<b>Animation &amp; Motion Design (Honours)</b>	Add-on	8	3	-	Clare Street, Limerick	93
<b>Ceramics in Expanding Practice (Honours)</b>	Add-on	8	3	-	Clare Street, Limerick	94
<b>Fashion Design (Honours)</b>	Add-on	8	3	-	Clare Street, Limerick	95
<b>Graphic Design Communication (Honours)</b>	Add-on	8	3	-	Clare Street, Limerick	96
<b>Painting (Honours)</b>	Add-on	8	3	-	Clare Street, Limerick	97
<b>Print Contemporary Practice (Honours)</b>	Add-on	8	3	-	Clare Street, Limerick	98
<b>Sculpture &amp; Combined Media (Honours)</b>	Add-on	8	3	-	Clare Street, Limerick	99
<b>Art &amp; Design Teacher Education (Honours)</b>	US801	8	4	#841	Clare Street, Limerick	100
<b>Interior Design (Honours)</b>	US811	8	4	#819	Clare Street, Limerick	101
<b>Creative Broadcast &amp; Film Production (Honours)</b>	US807	8	4	307	Moylish, Limerick	102
<b>Creative Broadcast &amp; Film Production</b>	US702	7	3	308	Moylish, Limerick	102
<b>Music Production &amp; Technology (Honours)</b>	US808	8	4	299	Moylish, Limerick	103
<b>Music Production &amp; Technology</b>	US703	7	3	281	Moylish, Limerick	103
<b>Digital Animation (Honours)</b>	US805	8	4	#742	Clonmel	104
<b>Game Art &amp; Design (Honours)</b>	US806	8	4	#830	Clonmel	105
<b>Visual Effects for Film, TV &amp; Animation (Honours)</b>	US810	8	4	#935	Clonmel	106
# PORTFOLIO REQUIRED * 1 Year Common Entry Course						
<b>BUSINESS</b>						
<b>Accounting &amp; Finance (Honours)</b>	US845	8	4	350	Moylish, Limerick	108
<b>Accounting &amp; Finance</b>	US610	6	2	348	Moylish, Limerick	108
<b>Business (Honours)</b>	US841	8	4	300	Moylish, Limerick	109
<b>Business (Honours)</b>	US842	8	4	220	Thurles	109
<b>Business</b>	US721	7	3	278	Thurles	109
<b>Business and Law (Honours)</b>	US838	8	4	292	Moylish, Limerick	110
<b>Law (Honours)</b>	US837	8	4	318	Moylish, Limerick	111
<b>Business Studies (Digital Marketing) (Honours)</b>	US843	8	4	253	Moylish, Limerick	112
<b>Business Studies (Marketing &amp; Management) (Honours)</b>	US851	8	4	251	Moylish, Limerick	113
<b>Business Studies (Marketing &amp; Management)</b>	US612	6	2	316	Moylish, Limerick	113
<b>Business Studies (Enterprise &amp; Innovation) (Honours)</b>	US852	8	4	264	Moylish, Limerick	114

COURSE	CODE	LEVEL	DURATION	CAO POINTS 2024	LOCATION	PAGE
<b>Business Studies (Enterprise &amp; Innovation)</b>	US723	7	3	179	Moylish, Limerick	114
<b>International Business Studies (Honours)</b>	US854	8	4	303	Moylish, Limerick	115
<b>CONSTRUCTION &amp; BUILT ENVIRONMENT</b>						
<b>Built Environment (Common Entry) (Honours) *</b>	US883	8	1	300*	Moylish, Limerick	117
<b>Civil Engineering Management (Honours)</b>	US886	8	4	358	Moylish, Limerick	118
<b>Civil Engineering</b>	US760	7	3	234	Moylish, Limerick	119
<b>Construction Management (Honours)</b>	US885	8	4	280	Moylish, Limerick	120
<b>Property Valuation &amp; Management (Honours)</b>	US882	8	4	306	Moylish, Limerick	121
<b>Quantity Surveying (Honours)</b>	US881	8	4	308	Moylish, Limerick	122
<b>ENGINEERING</b>						
<b>Agricultural Mechanisation</b>	US651	6	2	254	Moylish & Pallaskenry	124
<b>Agricultural Engineering</b>	US769	7	3	303	Moylish & Pallaskenry	125
<b>Automotive Engineering &amp; Transport Management (Honours)</b>	US915	8	4	314	Moylish, Limerick	126
<b>Electrical Engineering (Honours)</b>	US900	8	4	347	Moylish, Limerick	127
<b>Electrical Engineering</b>	US750	7	3	289	Moylish, Limerick	127
<b>Electronic Engineering with Computer Systems (Honours)</b>	US903	8	4	278	Moylish, Limerick	128
<b>Electronic Engineering with Computer Systems</b>	US751	7	3	227	Moylish, Limerick	128
<b>Renewable &amp; Electrical Energy Engineering (Honours)</b>	US901	8	4	304	Moylish, Limerick	129
<b>Renewable &amp; Electrical Energy Engineering</b>	US752	7	3	280	Moylish, Limerick	129
<b>Robotics &amp; Automation Engineering (Honours)</b>	US902	8	4	328	Moylish, Limerick	130
<b>Robotics &amp; Automation Engineering</b>	US753	7	3	197	Moylish, Limerick	130
<b>Mechanical Engineering (Honours)</b>	US911	8	4	318	Moylish, Limerick	131
<b>Mechanical Engineering</b>	US771	7	3	300	Moylish, Limerick	131
<b>Mechanical Engineering (Facilities) (Honours)</b>	Add-on	8	1	N/A	Moylish, Limerick	132
<b>Precision Engineering (Honours)</b>	US914	8	4	246	Moylish, Limerick	133
<b>Engineering Technology Management (Honours)</b>	US909	8	4	319	Moylish, Limerick	134
<b>Engineering Technology Management</b>	US779	7	3	307	Moylish, Limerick	134
<b>Process &amp; Engineering Management</b>	Add-on	8	1	N/A	Moylish, Limerick	135

COURSE	CODE	LEVEL	DURATION	CAO POINTS 2024	LOCATION	PAGE
<b>HOSPITALITY &amp; TOURISM</b>						
<b>Business Studies with Beauty &amp; Spa Management (Honours)</b>	US946	8	4	280	Moylish, Limerick	137
<b>Business Studies with Beauty &amp; Spa Management</b>	US792	7	3	222	Moylish, Limerick	137
<b>Business Studies with Event Management (Honours)</b>	US941	8	4	251	Moylish, Limerick	138
<b>Business Studies with Event Management</b>	US791	7	3	242	Moylish, Limerick	138
<b>Culinary Entrepreneurship (Honours)</b>	US931	8	4	262	Moylish, Limerick	139
<b>Culinary Arts</b>	US795	7	3	163	Moylish, Limerick	140
<b>Culinary Arts</b>	US631	6	2	200	Moylish, Limerick	140
<b>INFORMATION TECHNOLOGY &amp; SOFTWARE</b>						
<b>Computer Networks &amp; Cyber Security (Honours)</b>	US827	8	4	328	Moylish, Limerick	142
<b>Computing - Mobile &amp; Web (Honours)</b>	US826	8	4	306	Moylish, Limerick	143
<b>Computing - Mobile &amp; Web</b>	US710	7	3	205	Moylish, Limerick	143
<b>Immersive Digital Media (Honours)</b>	US825	8	4	254	Moylish, Limerick	144
<b>Software Development (Honours)</b>	US820	8	4	338	Moylish, Limerick	145
<b>Software Development with Cyber Security (Honours)</b>	US819	8	4	<b>NEW</b>	Thurles	146
<b>Software Development with Games Programming (Honours)</b>	US828	8	4	270	Thurles	147
<b>SCIENCE</b>						
<b>Agricultural Science &amp; Sustainability (Honours)</b>	US870	8	4	302	Thurles	149
<b>Agricultural Science &amp; Sustainability</b>	US740	7	3	239	Thurles	149
<b>Applied Biology</b>	US730	7	3	297	Moylish, Limerick	150
<b>Bioanalysis &amp; Biotechnology (Honours)</b>	Add-on	8	1	N/A	Moylish, Limerick	151
<b>Biotechnology with Biopharmaceutical Science (Honours)</b>	US860	8	4	378	Moylish, Limerick	152
<b>Drug &amp; Medicinal Product Analysis (Honours)</b>	US864	8	4	309	Moylish, Limerick	153
<b>Forensic &amp; Pharmaceutical Science (Honours)</b>	US863	8	4	441	Moylish, Limerick	154
<b>Forensic &amp; Pharmaceutical Science</b>	US732	7	3	256	Moylish, Limerick	154
<b>Medical Technology (Honours)</b>	US869	8	4	347	Moylish, Limerick	155
<b>Medical Technology</b>	US735	7	3	358	Moylish, Limerick	155

COURSE	CODE	LEVEL	DURATION	CAO POINTS 2024	LOCATION	PAGE
<b>SOCIAL SCIENCES</b>						
<b>Applied Psychology (Honours)</b>	US924	8	4	403	Moylish, Limerick	157
<b>Early Childhood Education &amp; Care (Honours)</b>	US927	8	4	298	Moylish, Limerick	158
<b>Early Childhood Education &amp; Care</b>	US783	7	3	306	Moylish, Limerick	158
<b>Social Care Work (Honours)</b>	US920	8	4	337	Moylish, Limerick	159
<b>Social Care Work (Honours)</b>	US922	8	4	260	Thurles	160
<b>Social Care Work (Honours)</b>	US923	8	4	225	Ennis	160
<b>Social Care Work</b>	US781	7	3	144	Ennis	160
<b>SPORT</b>						
<b>Applied Sports Science with Performance Technology (Honours)</b>	US959	8	4	278	Thurles	162
<b>Applied Sports Science with Performance Technology</b>	US789	7	3	216	Thurles	162
<b>Applied Sports Science with Sport &amp; Exercise Nutrition (Honours)</b>	US961	8	4	218	Thurles	163
<b>Applied Sports Science with Sport &amp; Exercise Nutrition</b>	US784	7	3	218	Thurles	163
<b>Applied Sports Science with Strength &amp; Conditioning (Honours)</b>	US958	8	4	244	Thurles	164
<b>Applied Sports Science with Strength &amp; Conditioning</b>	US786	7	3	188	Thurles	164
<b>Business Studies with Sports Management (Honours)</b>	US953	8	4	225	Moylish, Limerick	165
<b>Business Studies with Sports Management</b>	US787	7	3	271	Moylish, Limerick	165
<b>Physical Education with Business (Honours)</b>	US934	8	4	<b>NEW</b>	Moylish, Limerick	166
<b>Sports Development &amp; Performance (Honours)</b>	US954	8	4	264	Moylish, Limerick	167
<b>Sports Development &amp; Performance</b>	US785	7	3	230	Moylish, Limerick	167
<b>Sports Development &amp; Coaching</b>	US640	6	2	179	Moylish, Limerick	168

## Learn More About Studying at TUS: Calendar of Events 2024/2025

EVENT	LOCATION	DATE
Engineering Faculty Weekly Visits	Moylish Campus, Limerick	Thursdays weekly during academic year for 5th Year students studying Engineering
Hospitality, Tourism, and Leisure Taster Sessions STEM in Action Dream Big FIRST LEGO League Challenge Law Taster Sessions Accounting & Finance Taster Days for TY students	All events take place at Athlone Campus	All events run across the year from September 2024 – May 2025
Taste of University Science for 5th & 6th Year students	Athlone Campus	September 2024 – February 2025
Culinary, Event Management, Beauty with Spa Management Taster Sessions	Moylish Campus, Limerick	September 2024 – May 2025
4th year Pharmaceutical Science contemporary issues seminar series with Industry Speakers	Athlone Campus	September 2024 – November 2024
Engineering Olympics	Athlone Campus	September 2024 – December 2024
Discover Biz	Athlone Campus	9th & 23rd October, 6th & 20th November, 4th December 2024
<b>Open Days, Moylish &amp; LSAD Clare Street Campuses, Limerick</b>	<b>Moylish &amp; Clare Street Campuses, Limerick</b>	<b>17th &amp; 18th October 2024</b>
<b>CAO Autumn Open Days, Athlone</b>	<b>Athlone Campus</b>	<b>18th &amp; 19th October 2024</b>
<b>Open Day for Digital Animation, Game Art &amp; Visual Effects</b>	<b>Clonmel Campus</b>	<b>23rd October 2024</b>
<b>Open Day, Thurles</b>	<b>Thurles Campus</b>	<b>9th November 2024</b>
<b>Science Week 2024</b>	Athlone & Moylish Campuses	10th – 17th November 2024
<b>Chef Network Ireland Open Kitchen</b>	Moylish Campus, Limerick	11th – 17th November 2024
<b>Science Week ISTA Leaving Cert Quiz</b>	Athlone Campus	14th November 2024
<b>Festival of Sports Science</b>	Athlone Campus	14th & 15th November 2024
<b>'Inside Social Care' Open Day</b>	<b>Ennis Campus</b>	<b>20th November 2024</b>
<b>PE &amp; Sports Performance Workshops</b>	Moylish Campus, Limerick	22nd November 2024
<b>PE &amp; Sports Performance Workshops</b>	Thurles Campus	22nd November 2024
<b>Open Day for Digital Animation, Game Art &amp; Visual Effects</b>	<b>Clonmel Campus</b>	<b>23rd November 2024</b>
<b>Animation &amp; Illustration Portfolio Workshop 1 / Graphic Design Portfolio Workshop 1</b>	Athlone Campus	November 2024
<b>Engineering Week 2024</b>	Moylish Campus, Limerick	9th – 13th December 2024
<b>Construction Day</b>	Moylish Campus, Limerick	10th December 2024
<b>Engineering / Construction Studies Leaving Certificate Workshops</b>	Athlone Campus	11th & 12th December 2024
<b>Portfolio Open Day, LSAD</b>	<b>Clare Street Campus, Limerick</b>	<b>9th January 2025</b>
<b>Engineering Open Day</b>	<b>Moylish Campus, Limerick</b>	<b>11th January 2025</b>
<b>Information Morning for Further Education &amp; Mature students</b>	<b>Thurles Campus</b>	<b>15th January 2025</b>
<b>Open Day for Digital Animation, Game Art &amp; Visual Effects</b>	<b>Clonmel Campus</b>	<b>18th January 2025</b>
<b>Animation &amp; Illustration Portfolio Workshop 2</b>	Athlone Campus	January 2025
<b>Graphic Design Portfolio Workshop 2</b>	Athlone Campus	25th January 2025
<b>Discover Biz</b>	Athlone Campus	15th January, 26th February, 12th March, 16th April, 14th May 2025
<b>Performance Technology Workshops for Female Athletes</b>	Thurles Campus	28th February 2025
<b>Games Fleadh 2025</b>	Thurles Campus	5th March 2025
<b>IT Workshops for Transition Year students</b>	Thurles Campus	5th March 2025
<b>Women in Engineering Day</b>	Athlone Campus	6th March 2025
<b>Graphic Design Online Portfolio Submission / Animation &amp; Illustration Online Portfolio Submission</b>	Athlone Campus	March 2025
<b>CAO Spring Open Evening</b>	<b>Athlone Campus</b>	<b>9th April 2025</b>
<b>Sustainable Tourism Workshops</b>	Moylish Campus, Limerick	April 2025
<b>SciFest 2025</b>	Athlone, Moylish & Thurles Campuses	April 2025
<b>Engineering Showcase</b>	Moylish Campus, Limerick	April 2025
<b>Engineering Taster Days for 5th Year students</b>	Moylish Campus, Limerick	30th April – 2nd May 2025
<b>Engineering Taster Days for 5th Year students</b>	Athlone Campus	7th & 8th May 2025
<b>LSAD Graduate Showcase – Design / Digital Arts &amp; Media / Fine Art &amp; Education / Midlands Media &amp; Design</b>	Clare Street Campus, Limerick & Athlone Campus	May 2025
<b>4th Year Poster Showcase</b>	Athlone Campus	May 2025
<b>Digital Pitch Summer School</b>	Athlone Campus	May 2025

\*All dates are subject to change, visit [www.tus.ie](http://www.tus.ie) for full details.



## Fáilte ón Uachtarán

**Fáilte romhat chuig réamheolaire Ollscoil Teicneolaíochta na Sionainne (OTS) - ní ollscoil nua amháin í, ach is cineál nua ollscoile í.**

Is ollscoil bhríomhar, thacúil agus fáilteach í OTS. Comhtháthaíonn OTS foghlaim phraiticiúil atá bunaithe ar an áit oibre le taighde feidhmeach agus í fós dírithe ar an mac léinn ag an am céanna.

Bainfidh sibhse a thiocfaidh chugainn leas as cur chuige nua agus nuálach maidir le hArdoideachas trína ndéantar ár gcéimithe ina gcéimithe is infhostaithe sa tír.

Trínár dteagasc agus trínár bhfoghlaim den chéad ghlúin eile féachfar chuige go seasfaidh do ghairmréim an aimsir. Leis sin déanfar leas duit féin agus do na pobail, do na réigiúin agus do na sochaithe ina bhfuilimid uile inár gcónaí. Tá ár gcuid taighde dírithe ar fhadhbanna a réiteach, ar thorthaí a bhaint amach agus ar an saol a dhéanamh níos fearr, agus forbraítear ár gcúrsaí uile i gcomhar le tionscail agus áirítear córas dréimire leo lena ligfear an tsolúbthacht duit chun foghlaim ar dhóigh a oireann do do shaol féin.

Is campas éagsúil é gach ceann dár seacht champas, agus tugtar le chéile muid tríd an éagsúlacht sin mar phobal ollscoile, rud atá níos tábhachtaí ná geografaíocht. Mar gheall ar mhéideanna níos lú na ranganna beidh níos mó ionat ná uimhir, agus trí bhaint a bheith agat le hollscoil nua, déanfar an bealach a réiteach duit. Beidh aithne ag do léachtóir ort, agus beidh tú i do bhall de phobal. Trí lear mór clubanna agus cumann chomh maith le saoráidí spóirt den chéad scoth cruthaítear áit spraiúil leo uile le bheith i do mhac léinn. Beidh deiseanna agat chun staidéar a dhéanamh thar lear trínár stádas mar Ollscoil Eorpach, nó chun do shocrúchán oibre a dhéanamh thar lear trínár gcomhpháirtíochtaí le hollscoileanna agus le comhlachtaí eile.

Chuir eolaithe, innealtóirí, ealaíontóirí, gairmithe míochaine agus cúraim, oideoirí, dearthóirí, an lucht spóirt agus an lucht gnó ar fud an domhain tús lena n-aistear linne ar na campais dár gcuid. Is í OTS an leagan is déanaí den oidhreacht oideachasúil seo a bhíonn ag athrú i rith an ama, oidhreacht atá dírithe go follasach ar riachtanais na nglúnta nua.

**Is í OTS an ollscoil duitse agus do do phobal, i láthair na huaire agus amach anseo.**

**Bí linn ar an aistear le chéile. Is leatsa OTS.**

## President's Welcome

**Welcome to the prospectus of TUS – not just a new university, but a new type of university.**

TUS is vibrant, supportive and welcoming. TUS fuses practical and workplace-based learning with applied research, while staying student-centred.

Those of you who join us will benefit from a new and innovative approach to Higher Education which makes our graduates the most employable in the country.

Our next-generation teaching and research will future-proof your career. This benefits you and the communities, regions and societies that we all live in. Our research is focussed on fixing problems, getting results and making life better, while our courses are all developed with industry and include a ladder system of qualifications that allow you the flexibility to learn in a way that fits your life.

Each of our seven campuses is diverse, and this diversity unites us as a university community, transcending geography. Smaller class sizes mean you'll be more than just a number, while being part of a new university opens doors for you. Your lecturers will know you, and you will be part of a community. A host of clubs and societies along with outstanding sports facilities all create a fun place to be a student. You have opportunities to study abroad through our European University status, or to undertake your work placement overseas through our partnerships with universities and others. Scientists, engineers, artists, medical and caring professionals, educators, designers, sportspeople and businesspeople all over the world have begun their journeys with us on our campuses. TUS is the latest incarnation of this ever-changing educational heritage, one that is oriented clearly towards the needs of new generations.

**TUS is the university for you, for your community, for now and for the future.**

**Come on the journey with us. TUS is yours.**

**Professor Vincent Cunnane / An tOllamh Vincent Cunnane  
President, TUS / Uachtarán, OTS**

# Welcome to TUS - Technological University of the Shannon

We are a multi-campus technological university. We are ambitious, supportive and welcoming and in choosing TUS, you will become part of a university that places our students at the heart of everything we do. With our focus on practical, research-led, applied learning, a qualification from TUS will equip you with the knowledge and skills for an exciting and rewarding career.

## Why choose TUS?

We know that making your university choice is an important decision, with many factors to consider. Our courses are designed with your future in mind and studying at TUS offers many advantages. Here are just some of the great reasons to make TUS your CAO choice.

### We are TUS. Join us!

### Highest Graduate Employment Rate in Ireland

TUS has the highest graduate employment rate in Ireland for degree graduates.\* Our diverse range of career focused courses are developed in partnership with industry to give you the best possible academic and employment outcomes. A university qualification from TUS is globally recognised and will open a world of opportunities to you.

(\*Source: HEA Graduate Outcomes Survey 2022)

### Practical Learning

Practical, hands-on learning is central to our courses, making for an enjoyable learning experience. Through a mix of lectures, workshops, group work and projects, along with work placement and study abroad opportunities, studying at TUS will equip you with the relevant knowledge and skills you need to launch a rewarding career.

### Small Class Sizes

Our small class sizes mean you're more than just a number at TUS. You will know all your classmates and your lecturers will know you too, meaning you feel part of a friendly university community. This commitment to small class sizes and our open, supportive and friendly environment ensures that as a student in TUS, you won't get lost in the crowd here.

### Supportive Environment

College life is exciting; however it is not without challenges. Supporting you is at the heart of everything we do, and we want you to get the most out of your studies. Our support services are dedicated to supporting you in reaching your potential, both academically and personally and provide a valuable support network for students.

### Our Campuses

TUS is made up of over 15,000 students across our seven campuses in the Midwest and Midlands regions. Our unique community links a network of towns and urban centres, spanning four counties and three provinces! Each campus differs in size, and all have their own unique atmosphere, but whichever TUS campus you choose, you can be sure of an enjoyable student experience.



15,000+ Students



7 Campuses



2,500+ Graduates Annually



4 Counties



250+ Global Partnerships



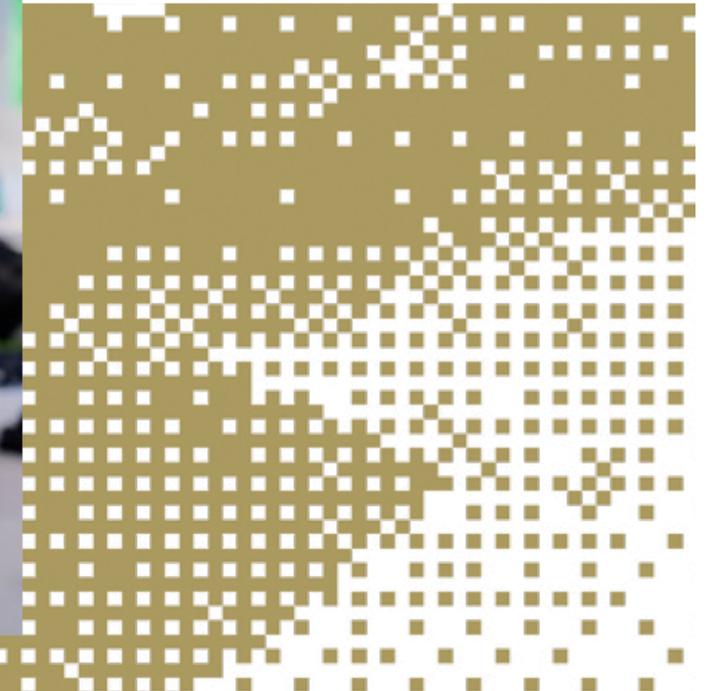
2 Regions



150+ Courses



1 Great University



# We are TUS

**Our vibrant, supportive and welcoming campuses in Athlone, Limerick City, Clonmel, Ennis and Thurles offer an exceptional educational experience, with inclusivity and innovation at the heart of everything we do. So whichever TUS campus or course you choose, you will thrive in a student-centred environment, dedicated to providing you with the best possible college experience, with globally recognised and respected qualifications that will carry you into an exciting future.**

TUS has seven campuses:

- Athlone Campus, Co. Westmeath
- Moylish, LSAD Clare Street, and Coonagh Campuses, Limerick City
- Clonmel Digital Campus, Co. Tipperary
- Thurles Campus, Co. Tipperary
- Ennis Campus, Co. Clare



## Athlone Campus

Located just a stone's throw outside the town, our Athlone campus is home to 6,000 students and is renowned for its warm, friendly and inclusive campus culture, which supports students in reaching their full potential. The campus offers 200+ industry-focused courses on a full, part-time, blended, and online basis, ranging from higher certificate right through to PhD and beyond. Students can expect to find exciting courses in areas like virtual reality and gaming, cybersecurity, veterinary nursing, robotics, digital marketing, and pharmaceutical science, to name but a few. The Athlone campus is also home to some totally unique course offerings, including Ireland's only dedicated microbiology degree. Athlone campus houses our state-of-the-art International Arena and contains the country's first international-standard indoor athletics track. It is also home to the Athlone International Grand Prix, Ireland's premier athletics meet. Students at the Athlone campus can avail of all of the latest technologies and equipment, including Alter G AntiGravity treadmills (designed by NASA) and cryotherapy pods.



Scan the QR code to learn more about Athlone town

## Limerick City Campuses – Moylish, LSAD Clare Street, Coonagh

### Moylish Campus

Our Moylish Campus is located on the outskirts of Limerick city and is our principal Midwest campus. Located in the shadow of the world-renowned Thomond Park, home to Munster Rugby, and a short walk from the TUS Gaelic Grounds, more than 7,000 students are based at Moylish. Students benefit from access to modern lecture theatres, science labs and computer suites, as well as our state-of-the-art Millennium Theatre, used during the day for practical classes and in the evenings and weekends as one of Limerick's leading live entertainment venues. Our Students' Union building has its own games room, relaxation lounge and radio station - Wired FM. A well-equipped gym facility and several pitches used for both recreational and competitive fixtures are also located at Moylish campus.

### Limerick School of Art & Design (LSAD) - Clare Street & George's Quay Campuses

The Clare Street campus is home to our internationally renowned Limerick School of Art & Design (LSAD), one of the longest-established centres of art and design education in Ireland. It is a vibrant living 'canvas' for the creation, display and celebration of the artistic talents of our students. With an award-winning reputation and cutting-edge creative technologies for student learning, LSAD is one of the most significant providers of art and design education in Ireland. Students learn from leading art and design practitioners; can access excellent workshop, studio and exhibition facilities and where their education is informed by the latest developments in the wider world of art and design.

## Coonagh Campus

Located near the TUS Moylish Campus on the outskirts of Limerick city, our new Coonagh Campus consists of a state-of-the-art 5,819 square metre engineering building. This modern facility will accommodate an additional 800 students, with an emphasis on increasing the number of apprentices at TUS. The Coonagh Campus will drive the expansion of engineering education and research and includes new workshops and laboratories that will deliver space for manufacturing engineering and other engineering activities, particularly in apprenticeship programmes.



Scan the QR code to learn more about Limerick city

## Thurles Campus

Our Thurles campus caters for students studying for qualifications in Applied Sports Science, Agricultural Science, Business, Social Care Work, and Software Development with Games Programming/Cyber Security. It is a friendly and student-centred campus with excellent sports facilities. Alongside lecture theatres, science labs and specialist games development labs, is our superb SportsLab, a dedicated strength and conditioning facility, designed and developed to the highest global standards. The 2,000 square metre facility includes a 45 metre six lane sprint track, especially designed to improve speed, as well as a range of sport technology systems, including micro electromechanical systems and GPS systems. Planning permission has recently been granted for a major expansion to the facility to include tennis courts, GAA and all-weather playing facilities. Thurles town is an affordable study location for students and the town is well served by the Irish Rail network, Local Link services and other private bus operators.



Scan the QR code to learn more about Thurles town



## Clonmel Digital Campus

Our Clonmel Digital Campus is part of the renowned TUS Limerick School of Art & Design, and although a small campus, it is a vibrant and creative hub that provides a relaxed and friendly learning space for students. Our popular and innovative degrees in Game Art and Design, Digital Animation, and Visual Effects for Film, TV and Animation are based at the Clonmel campus. A fantastic new addition to the campus is the €5 million Clonmel Sports Hub located on the campus grounds and which includes a 400-metre IAAF standard athletics track, skatepark, walkways and cycleways. Clonmel town has a thriving arts scene, with lots for students living locally to get involved in, as well as being situated on the beautiful Suir Bluesday.



Scan the QR code to learn more about Clonmel town

## Ennis Campus

A lively, bustling urban centre, Ennis is proud to be a university town with Social Care Work degrees at Level 8 and Level 7 available through the CAO at the Ennis Campus on Bindon Street. Located on one of the finest late-Georgian streets in Ireland, the newly refurbished campus building, with all its historic charm, now has brand new contemporary facilities. Our small class sizes and friendly atmosphere ensures students can gain the most from their TUS experience in Ennis.



Scan the QR code to learn more about Ennis town



# Accommodation

**Starting college brings new freedom and the independence to make your own choices and decisions. For many students, going to college also means moving away from home to a new city or town and trying to find accommodation for the first time and our campus locations in Athlone, Limerick city, Clonmel, Ennis and Thurles will give you an opportunity to make one of these locations your home for a few years.**

TUS Students' Union coordinate the accommodation service and are committed to providing students with as much information and support as possible in securing accommodation, however students themselves are responsible for securing their accommodation. The accommodation service operates on a referral basis, whereby all students organise their own accommodation and arrange by personal inspection. Students are encouraged to be proactive in organising and securing accommodation as places are in high demand year-round. Most student accommodation is located within easy walking distance of our campuses, of which there are multiple types, including shared housing, shared apartments and 'digs' where a student boards with a family. Accommodation is limited and in high demand and is offered on a 'first come, first served basis.'

Visit the TUS Students' Union website at [www.tussu.ie/accommodation](http://www.tussu.ie/accommodation) for more information or scan the QR code for accommodation information for all TUS campuses at Athlone, Limerick, Clonmel, Ennis and Thurles.



# Student Support

**TUS has a dynamic, interactive and supportive campus environment. The dedication and commitment of our staff is reflected in the energy and enthusiasm that extends to every aspect of our goal to support a positive student experience.**

We know that college life can be challenging and to support our students, we provide a comprehensive range of student supports and services. As you make your way through college life you will have access to our friendly and welcoming team who are dedicated to supporting a positive student experience with an emphasis on fostering inclusivity. At TUS, we are dedicated to helping you succeed and students are at the heart of everything we do. If you need additional information regarding the supports outlined here, please visit our website at [www.tus.ie/student-support](http://www.tus.ie/student-support)



Scan the QR code to learn more about Student Support Services across all TUS campuses

## Student Health Service

The aim of the TUS Student Health Services is to provide confidential and caring health support through health promotion and healthy lifestyle awareness and to respond to the needs and concerns of our students. Our services are nurse-led and provide comprehensive health services and emergency care to students. Doctors are available to all students within 3km of the campus location. Student Health Services are available from Monday to Friday throughout the academic year. For further information or to make an appointment:

**Student Health: Athlone Campus**  
Email: [studenthealth.midlands@tus.ie](mailto:studenthealth.midlands@tus.ie)

**Student Health: Moylish, Clare Street, Coonagh, Thurles, Clonmel & Ennis Campuses**  
Email: [nurses.midwest@tus.ie](mailto:nurses.midwest@tus.ie)

## Student Sexual Health Service

Funded via the HSE, TUS Athlone offers a free nurse-led student sexual health, contraception & health promotion service on campus. For further information, email: [sexualhealth.midlands@tus.ie](mailto:sexualhealth.midlands@tus.ie)

## Student Counselling Service

Our counselling services at TUS allow students time and space in a confidential setting to explore any issues of concern to them. We provide a multi-campus service to all TUS campuses. Our counsellors are specially trained to listen attentively and provide a supportive, non-judgmental environment where students have the opportunity to self-reflect and develop. TUS Student Counselling also offer a variety of groups, workshops, and webinars which promote and support student well-being.

**Student Counselling: Athlone Campus**  
Tel: 090 6468063  
Email: [counselling.midlands@tus.ie](mailto:counselling.midlands@tus.ie)

**Student Counselling: Moylish, Clare Street, Coonagh, Thurles, Clonmel & Ennis Campuses**  
Tel: 061 293129  
Email: [counselling.midwest@tus.ie](mailto:counselling.midwest@tus.ie)

## Access Service

TUS is committed to promoting equitable access to and successful participation in higher education for all members of society. Through the work of the TUS Access Service, targeted strategies and initiatives are delivered to facilitate entry to and successful participation in higher education for underrepresented students. The TUS Access Office supports students from groups within society who are underrepresented in third level education, such as students who experience socio-economic disadvantage, mature students, students with a disability/specific learning difficulty, Irish Travellers and grant-assisted students.

**TUS is a member of the Higher Education Access Route (HEAR).** This scheme offers reduced points places and extra college supports to school-leavers from socioeconomically disadvantaged backgrounds. Prospective students need to apply via the CAO, indicating that you wish to be considered for the HEAR scheme. Financial guidance and support is available through the Access Service and from the HEA on [www.studentfinance.ie](http://www.studentfinance.ie). For full information on all TUS Access services and supports, please contact:

**Access: Athlone Campus**  
Email: [access.midlands@tus.ie](mailto:access.midlands@tus.ie)

**Access: Moylish, Clare Street, Coonagh, Thurles, Clonmel & Ennis Campuses**  
Email: [access.midwest@tus.ie](mailto:access.midwest@tus.ie)

## Disability Service

The Disability Support Office encourages students with educational support requirements to avail of the many services we offer our students. TUS is part of the **Disability Access Route to Education (DARE)** which is a national admissions scheme that allocates reduced points places to eligible school leavers under 23 years old with specific learning difficulties, health conditions and/or disabilities.

Students with educational support requirements are encouraged to contact the Disability Officer in advance of registration to agree the supports needed to help them access their learning. While there is no obligation to discuss your disability/support requirements, we recommend that you contact us as from experience, we have found that this positively supports your transition to and progression in third level. All Access and Disability services are confidential. For full information on all services and supports please contact:

### Disability: Athlone Campus

Email: disability.midlands@tus.ie  
Tel: 090 6468142

### Disability: Moylish, Clare Street, Coonagh, Thurles, Clonmel & Ennis Campuses

Email: disability.midwest@tus.ie  
Tel: 061 293224

## Learning Support

The Learning Support Unit provides free academic support to all registered TUS students on request. All services are based on a supervised self-help model to empower students to build their skills and confidence in a supportive and encouraging environment. Learning Support tuition is based on active learning, with the student themselves leading the process, helping them participate fully in their course.

### Learning Support: Athlone Campus

Email: academicwriting.midlands@tus.ie

### Learning Support: Moylish, Clare Street, Coonagh, Thurles, Clonmel & Ennis Campuses

Email: lsu.midwest@tus.ie

## Chaplaincy/Pastoral Care

Our Chaplaincy and Pastoral Care Service is available to students of all religious denominations and of none. We aim to support students in the areas of Pastoral Care, Community, Spirituality and Personal Development.

### Chaplaincy / Pastoral Care: Athlone Campus

Email: ChaplaincyPastoralCare.midlands@tus.ie

### Pastoral Care: Moylish, Clare Street, Coonagh, Thurles, Clonmel & Ennis Campuses

Email: joseph.walsh@tus.ie  
Tel: 061 293442

## Careers and Employability

The Careers and Employability Service supports students as they transition to employment or further study. We provide a range of services and supports including work placement supports, CV reviews, employability workshops, mock interviews, employer events and careers fairs.

### Garda Vetting

Some placement opportunities require Garda Vetting. It is important that students know that previous convictions may limit their ability to obtain a placement in certain settings and might mean they are unable to reach required learning outcomes associated with certain courses. Students should research requirements thoroughly before embarking on a course of study which requires Garda Vetting.

### Careers: Athlone Campus

Email: careers.midlands@tus.ie  
Tel: 090 646 8138

### Careers & Employability: Moylish, Clare Street, Coonagh, Thurles, Clonmel & Ennis Campuses

Email: careersandemployability.midwest@tus.ie  
Tel: 061 293442

## Students' Union

The Students' Union is the independent representative organisation for students and is the elected voice for students in TUS. It represents students in academic affairs, student wellbeing, advocating for student rights and organises social events for students. TUS Students' Union works in the best interests of its members - supporting students in becoming active and responsible citizens, having their voices heard and rights upheld and in enjoying the university experience. Learn more about TUS Students' Union at [www.tussu.ie](http://www.tussu.ie)



# Sport, Scholarships and Societies

**Clubs and societies are at the heart of TUS life and all students on all campuses are encouraged to get involved in the varied extra-curricular activities available. Joining a club or society is a fantastic way to make new friends and meet people with similar interests. For first year students in particular, getting involved with a club or society helps in making the transition from school to college easier, and involvement in a club or society also helps you to develop other valuable skills alongside your academic skills, such as teamwork and leadership skills.**

## Sport

We boast a vibrant sports scene on all our TUS campuses, ensuring that many sporting interests are catered for. Our sports clubs cater for all levels of activity and you can get involved at your own pace, whether you are an elite athlete, a beginner or just looking to get fit and have some fun. We participate at a high level in the many intervarsity competitions and there are opportunities to represent TUS nationally, and in some instances, internationally too. However, you do not need to aspire to such lofty sporting ambitions; there are sports activities to suit all interests and abilities! Clubs include Hurling, Camogie, Men's and Ladies Gaelic Football, Men's and Ladies Rugby, Soccer, Boxing, Athletics, Weightlifting, Basketball, Aerobics and Circuit Training, to name but a few. See [www.tus.ie/sport](http://www.tus.ie/sport) for more information on Sport at TUS.

## Sports Facilities

From our state-of-the-art Athlone International Arena to the impressive Sports Lab in Thurles, TUS has superb sports facilities for students, including gym facilities and sports pitches at Athlone and Moylish, and the sports hub on the grounds of the Clonmel campus. All facilities are available for our students to use.



Scan the QR code to learn more about the sports facilities across our TUS campuses.

## Sports Scholarships

Our commitment to sport is underlined by our Sports Scholarship Scheme which allows students who are at the forefront of their chosen sport to apply for a range of supports. We are proud to invest in our students to support and encourage them in reaching their sporting potential and each year, we recognise the achievements and excellence of our students in their respective fields. Our sports scholarships are not just designed for those participating at the highest level in their chosen sport, but also for those involved in other aspects of sport.

Further information on **TUS Sports Scholarships** programme is available from the Sports Departments:



Athlone Sports  
Department



Limerick/Thurles/  
Clonmel/Ennis Sports  
Department

## Societies

In addition to sports clubs, there is a diverse range of societies to get involved with and societies are also a fantastic way to make friends, gain new skills and enjoy your time in college. Each society provides a range of activities for students during the year from volunteering opportunities to trips away and social nights out. Involvement in a society helps you to develop other valuable skills alongside your academic learning, such as leadership skills through committee involvement, experience in event management, and teamwork skills. TUS has a dedicated Societies Officer who works with societies across all our campuses. For more information, contact [socsofficer@tus.ie](mailto:socsofficer@tus.ie)



# International Opportunities and Study Abroad

**TUS offers a truly international education experience, welcoming students from over 100 countries to our seven campuses. Our diverse campus life enhances learning and community. Our multicultural campus community helps widen networks and fosters connections globally. Join our growing international community and experience a warm welcome with smaller class sizes and a friendly atmosphere.**

## International Office

The International Office at TUS provides comprehensive support for international students, including information, support, and orientation events. They offer continued support before, during and after a student's time at TUS, working in conjunction with the Students' Union, Student Services team, and other campus functions. The office also provides information and guidance on the Erasmus+ programme, as well as assistance to students with international ambitions, such as study abroad, exchange programmes and European placements.

## International Applicants

TUS welcomes applications from international students. Non-EU applicants must meet entry requirements and demonstrate English language competence. Certified transcripts and English language translations of qualifications not issued in English are required.

For international enquiries, contact: [international@tus.ie](mailto:international@tus.ie)



Non-EU students should apply directly online at <https://internationalapplication.tus.ie/> or scan the QR code

## Erasmus and Study Abroad

TUS is an Erasmus+ Charter holder, offering Study Abroad and Work Placement opportunities supported by the Erasmus+ Mobility Programme. All students are encouraged to explore these opportunities, which include partnerships with over 480 universities and research institutions worldwide. By participating, students can gain language skills, broaden their perspectives, expand their network and enhance their employability.

For Erasmus Study Abroad enquiries, contact: [Erasmus@tus.ie](mailto:Erasmus@tus.ie)

## Regional University Network – European University (RUN EU)

TUS is a member of the Regional University Network – European University (RUN EU) along with eight other European Higher Education Institutes. Students are encouraged to take up funded study abroad opportunities in partner institutions based in Portugal, The Netherlands, Finland, Hungary, Austria, Spain and Belgium. At TUS, students thrive in an inclusive educational environment, benefit from global opportunities and gain valuable skills for success in a diverse and interconnected world.

# Entry Requirements

**Choosing the right course is the first step towards your future career and at TUS, we have designed our courses in a flexible way that enable you to enter and exit courses at various levels, giving you multiple routes to achieving your goals.**

There are three entry levels at undergraduate level:

- Higher Certificate (Level 6)
- Bachelor Degree (Level 7)
- Honours Bachelor Degree (Level 8)

## CAO Entry Courses

Application for entry to first year of undergraduate courses at TUS must be made through the Central Applications Office (CAO). The CAO website [www.cao.ie](http://www.cao.ie) provides full details on the application procedure. You should read the information carefully and follow the directions given. Neither TUS nor the CAO accepts responsibility for any mistakes made, or the consequences of such mistakes, if correct procedures are not followed. For most applicants, the procedures outlined on the CAO website are sufficient to help ensure the completion of the application process.

## KEY CAO DATES TO REMEMBER

### Entry dates for CAO applications for September 2025

Closing date: **1 February 2025**  
Late closing date: **1 May 2025**  
Change of Mind date: **1 July 2025**

Exceptional Late Applicants:  
Closing date **22 July 2025**

This section sets out the standard required for entry to courses at TUS. If you do not meet these, you cannot be offered a place, even if your points are higher than the minimum. You may combine results from more than one sitting of the Leaving Certificate for the purposes of qualification only.

## Leaving Certificate or equivalent school leaving examination

For students with Leaving Certificate qualifications, the minimum entry requirements for entry to the first year of courses are as follows, however, applicants should also check for the specific requirements given on each course page or on the TUS website.

### Higher Certificate (Level 6) courses

The minimum entry standard for applicants to Level 6 courses is minimum grade H7 (Higher Level) or O6 (Ordinary Level) in five subjects. Two of these subjects must include Mathematics\* and a Language (either English or Irish).

### Bachelor Degree (Level 7) courses

The minimum entry standard for applicants to Level 7 courses is minimum grade H7 (Higher Level) or O6 (Ordinary Level) in five subjects. Two of these subjects must include Mathematics\* and a Language (either English or Irish).

### Honours Bachelor Degree (Level 8) courses

The minimum entry standard for applicants to Level 8 courses is minimum grade H5 (Higher Level) in two subjects, plus four subjects at minimum H7 (Higher Level) or O6 (Ordinary Level). Two of these subjects must include Mathematics\* and a Language (either English or Irish).

*\*Foundation Level Mathematics will only be accepted, as meeting the Mathematics requirement for courses listed in section 'Foundation Level Mathematics'.*

*#Leaving Certificate Maths at Grade O4 is required for entry to Level 8 courses, and at Grade O5 for entry to Level 7 courses in the Department of Electrical & Electronic Engineering (Limerick only). See courses section for information.*



### Bonus points for Honours Mathematics

25 bonus points will be awarded to any CAO applicant who has gained a grade H6 or higher in Leaving Certificate Honours Mathematics.

### Foundation Level Mathematics\*

Foundation Level Mathematics at Grade F2 or higher is acceptable as meeting the Mathematics requirement for the following courses:

#### Courses at Athlone Campus:

US926/US780	Early Years Education & Care
US782	Applied Social Studies in Social Care
US921	Social Care Practice
US803	Graphic & Digital Design
US700	Graphic Design
US802/US778	Animation & Illustration
US809/US704	Music & Sound Engineering
US942/US793	Business Studies with Event Management

#### Courses at Limerick, Thurles and Ennis Campuses:

US808/US703	Music Production & Technology
US807/US702	Creative Broadcast & Film Production
US920/US922	Social Care Work (Limerick/Thurles)
US923/US781	Social Care Work (Ennis)
US640	Sports Development & Coaching
US954/US785	Sports Development & Performance
US953/US787	Business Studies with Sports Management
US941/US791	Business Studies with Event Management
US946/US792	Business Studies with Beauty & Spa Management
US927/US783	Early Childhood Education & Care
US931	Culinary Entrepreneurship
US795/US631	Culinary Arts

*\*Please note, this list is correct at the time of print.*

### Foundation Level Irish

Foundation Level Irish at Grade F2 will meet the minimum language requirement for all courses.

## Qualifications other than the Leaving Certificate

### QQI-FET/FETAC

TUS accepts QQI-FET/FETAC awards for entry on all courses of study. The following minimum entry requirements will apply to graduates of QQI-FET/FETAC qualifications who are seeking admission to courses at TUS, however applicants should also check for the specific QQI requirements on each course page on the TUS website.

The minimum entry standard for applicants to level 6 and level 7 courses is a full QQI FET Level 5 award totalling 120 credits. The minimum entry standard for applicants to level 8 courses is a full QQI FET Level 5 award totalling 120 credits including a Distinction grade in at least 3 modules.

A full FETAC award normally contains 8 modules. A full award may be accumulated over more than one academic year. In such cases, it is the responsibility of the applicant to contact

QQI FET/FETAC for a full award where programmes are taken over more than one year. A QQI FET/FETAC Level 5 or Level 6 Record of Achievement does not meet the minimum entry standards. The maximum possible total score will be multiplied by 13 and divided by 12, to give a maximum overall points score of 390 for applicants from further education and training.

Applicants to Restricted Application courses or courses where a Portfolio is required will have their Portfolio score added to their QQI-FET/FETAC score.

### MATURE APPLICATIONS

All EU nationals aged 23 or over on 1st January in the year of application are classified as 'mature applicants'. The closing date for receipt of applications for consideration in this category is 1st February in the year of entry. Late applications will be considered for courses which do not require additional assessment. On an exceptional basis e.g. the quota remains unfilled, late applications may be considered for other courses.

### TRADE QUALIFICATIONS

A trade applicant, seeking admission to the first year of a course, should do so through the CAO. Such application may be on the basis of National Craft Certificate, Senior Trades or Advanced Tourism Certification Board (NTCB)/QQI qualifications, instead of, or in addition to, Leaving Certificate results. TUS welcomes applications from such candidates. Possession of these awards at advanced level normally qualifies an applicant for entry to TUS.

### RECOGNITION OF PRIOR LEARNING (RPL)

Applicants who do not meet the minimum entry criteria on certain courses may be considered in accordance with the University's Recognition of Prior Learning (RPL) entrance pathway. RPL gives formal value to learning that has been acquired in a range of contexts and at various stages in a person's life. To find out more about RPL at TUS, see [www.tus.ie/registry/rpl](http://www.tus.ie/registry/rpl) or contact [rpl@tus.ie](mailto:rpl@tus.ie)

### Other Qualifications

Applicants with qualifications other than those listed above (including EU and overseas qualifications) should apply in the usual way, giving full details of their qualifications/application category on their application.

### LEAVING CERTIFICATE VOCATIONAL PROGRAMME (LCVP)

Students apply through the CAO in the normal way. The LCVP module will be considered as a passing module provided the applicant achieves at least a pass grade. This will apply for entry to Honours Degree (Level 8), Ordinary Degree (Level 7) and Higher Certificate (Level 6) courses. Points will be awarded for LCVP Link Modules as follows:

**Pass:** 28 points    **Merit:** 46 points    **Distinction:** 66 points

### LEAVING CERTIFICATE APPLIED PROGRAMME (LCA)

The LCA subjects do not meet the minimum entry requirements for admission to academic courses at TUS and are not considered passing subjects. Holders of the Leaving Certificate Applied programme may wish to undertake a QQI FET course in order to gain eligibility for entry to third level courses at TUS.

### DISABILITY ACCESS ROUTE TO EDUCATION (DARE)

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 to school leavers who, as a result of having a disability, have experienced additional educational challenges in second level education.

TUS welcomes and encourages applications from people with disabilities/specific learning difficulties. Our aim is to ensure that all applicants are offered an opportunity to enter third-level education and to complete their studies successfully. Applicants should apply via the Central Applications Office (CAO) and indicate on the application that they have a disability/specific learning difficulty which is the basis for seeking reasonable accommodations or support in either the application process or their college course. More information on DARE is available from your school Guidance Counsellor or TUS Disability Support Service Co-ordinators:

#### Athlone Campus:

Lisa Hanlon  
Email: [dare.midlands@tus.ie](mailto:dare.midlands@tus.ie)

#### Limerick, Thurles, Clonmel & Ennis Campuses:

Broze O'Donovan  
Email: [dare.midwest@tus.ie](mailto:dare.midwest@tus.ie)

Information can also be found on [www.accesscollege.ie](http://www.accesscollege.ie) and [www.cao.ie](http://www.cao.ie)

### HIGHER EDUCATION ACCESS ROUTE (HEAR)

HEAR is a college and university admissions scheme for school leavers from socio-economically disadvantaged backgrounds who have completed the Irish Leaving Certificate. Eligible students compete for a quota of reduced points places in the colleges involved with HEAR. Students who gain a college or university place through HEAR also get a range of personal, academic and social supports while they are studying at third level. More information on HEAR is available from:

#### Athlone Campus:

Jenny Burke, Access Officer  
Email: [hear.midlands@tus.ie](mailto:hear.midlands@tus.ie)

#### Limerick, Thurles, Clonmel & Ennis Campuses:

Dr. Carolann Bargary, Access Officer  
Email: [hear.midwest@tus.ie](mailto:hear.midwest@tus.ie)

### Applications to Year 2, 3 and 4 of all courses

Closing date for Advanced Entry Candidates

External Transfers: 1st May 2025

Internal Transfers: 31st May 2025

Advanced Entry is possible to year 2, 3 or 4 of TUS courses where sufficient entry requirements are met. All admissions and progressions are subject to availability of places on the course applied for and applicants are ranked in order of merit. Advanced Entry for places to courses other than Year 1 should be made directly to the relevant Admissions Office. See [www.tus.ie/admissions](http://www.tus.ie/admissions)

### Garda Vetting

To ensure the protection of the public and justify public trust and confidence, TUS uses the Garda Vetting Unit (GCVU) service to assess the suitability of applicants to courses:

#### Athlone based courses:

US877	General Nursing
US878	Mental Health Nursing
US921	Social Care Practice
US780/US926	Early Childhood Education and Care
US782	Applied Social Studies in Social Care
US950	Nutrition and Health Science
US951	Sport Science with Exercise Physiology
US956	Athletic and Rehabilitation Therapy
US957	Physical Activity and Health Science
US788	Exercise and Health Science
US933	Physical Education Studies

#### Limerick, Thurles, Clonmel, Ennis based courses:

US801	Art & Design Teacher Education
US934	Physical Education with Business
US961/US784	Applied Sports Science with Sport & Exercise Nutrition
US958/US786	Applied Sports Science with Strength & Conditioning
US959/US789	Applied Sports Science with Performance Technology
US953/US787	Business Studies with Sports Management
US954/US785	Sports Development & Performance
US640	Sports Development & Coaching
US941/US791	Business Studies with Event Management
US927/US783	Early Childhood Education & Care
US920/US922	Social Care Work
US923/US781	Social Care Work



## Student Fees

### Fees Breakdown

All undergraduate course fees consist of two elements:

- A Student Contribution Fee and
- A Tuition Fee

### Student Contribution Fee

The Student Contribution Fee for the 2023/2024 academic year was €3,000. This is an annual charge, which is set by the Government for all full-time third level students.

### Tuition Fee

Most full-time undergraduate students are covered for the tuition fee under the 'Free Fees Scheme'. Under this scheme, the Government (HEA) pays tuition fees for full-time, non-repeat undergraduate students from Ireland and other EU countries, who have been resident in an EU country for three of the last five years. For more information on the eligibility and criteria for the free fees scheme, visit [www.heai.ie/funding-governance-performance/funding/student-finance/course-fees](http://www.heai.ie/funding-governance-performance/funding/student-finance/course-fees)

A student who wishes to repeat a full/part of a year or has a previous third-level educational history will be obliged to pay the appropriate tuition fee in addition to the student contribution fee.

### Material Fee/Health and Safety Fee

Some courses may attract a course specific fee. Please check the TUS website, Fees section for the published 'Midlands and Midwest Schedule of Fees 2024/2025' to see if additional fees are applicable to your chosen course. These fees are not covered by any grant and are due for payment on registration.

## SUSI Grant Applications

Students can apply through Student Universal Support Ireland (SUSI) for a grant to cover the Student Contribution Fee. SUSI is the single awarding authority for all grant applications. It is an 'online application system' and is accessed at [www.susi.ie](http://www.susi.ie). Students are advised to apply early for the SUSI grant, as approval must be in place in advance of fee payment deadlines. You will be required to reapply for funding from SUSI for each year of study.

**Please note:** Students must be registered in order for the Fees office to process student grant awards received from SUSI.

To assist applicants in the application process, the SUSI Support Desk is contactable at:  
Email: [support@susi.ie](mailto:support@susi.ie) Tel: 0818 888 777

## Financial Supports

We are very aware of the financial difficulties faced by many students. For most students, starting college coincides with moving away from home for the first time and trying to manage on a budget. You will have most outgoings at the start of the year, so it is important to budget for books, class materials and rent deposits, as well as day-to-day living costs. If a student is experiencing financial difficulties while waiting for a grant/scholarship, they should seek advice from TUS Student Services, the Students' Union, or the TUS Access Office. You can find out all you need to know about other sources of assistance for students, such as the Fund for Students with Disabilities, Back to Education Allowance, and the Student Assistance Fund (SAF) from the Higher Education Authority (HEA) website [www.heai.ie/funding-governance-performance/funding/student-finance/](http://www.heai.ie/funding-governance-performance/funding/student-finance/)

For further information on fees, instalment plans, etc, contact the TUS Grants and Fees team at:

### Athlone Campus:

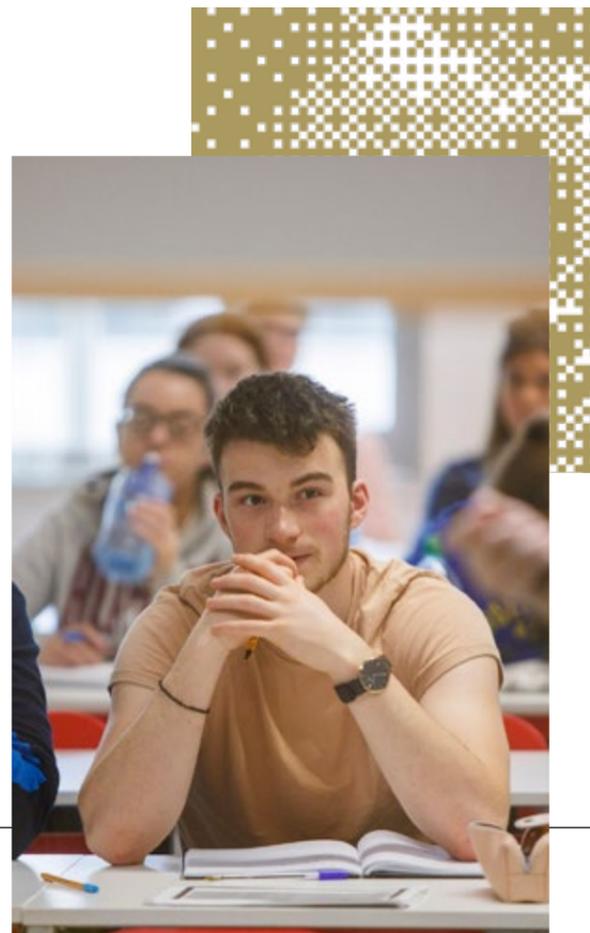
Email: [studentfees.midlands@tus.ie](mailto:studentfees.midlands@tus.ie)

### Limerick, Thurles, Clonmel & Ennis Campuses:

Email: [studentfees.midwest@tus.ie](mailto:studentfees.midwest@tus.ie)



# Course Information



Please refer to individual course pages on the TUS website [www.tus.ie](http://www.tus.ie) for specific entry requirements for Leaving Certificate applications, QQI applications, Mature Applicant applications, Recognition of Prior Learning applications.



# Business



Scan the QR code to read more about our Business Courses

Year 1	Year 2	Year 3	Year 4
US720 Business			Add-On Business
US840 Business			
US724 Digital Marketing			Add-On Digital Marketing
US844 Digital Marketing			
US850 Law			
US848 Business and Law			
US853 International Business			
US846 Accounting with Finance			
US847 Accounting with Finance and Placement			

Courses and Progression

## Level 8 Courses

- US840 Business**  
Bachelor of Business (Honours) Ab-Initio
- US844 Digital Marketing**  
Bachelor of Business (Honours) in Digital Marketing Ab-Initio
- US850 Law**  
Bachelor of Laws (Honours) in Law Ab-Initio
- US848 Business and Law**  
Bachelor of Business (Honours) in Law Ab-Initio

## Level 7 Courses

- US853 International Business**  
Bachelor of Business (Honours) in International Business Ab-Initio
- US846 Accounting with Finance**  
Bachelor of Arts (Honours) in Accounting with Finance Ab-Initio
- US847 Accounting with Finance and Placement**  
Bachelor of Arts (Honours) in Accounting with Finance and Placement Ab-Initio

## Level 7 Courses

- US720 Business**  
Bachelor of Business
- US724 Digital Marketing**  
Bachelor of Business in Digital Marketing

# Business

Bachelor of Business (Honours)		
Level 8	< >	Course Code: US840
		Duration: 4 Years
		CAO Points 2024: 289
		Location: Athlone Campus
		Entry Requirements: Leaving Certificate: Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).
<b>Modules at a glance:</b> Accounting, Economics, Marketing, Human Resource Management, Computer Applications, Entrepreneurial Skills, Business Law, Professional Skills & Personal Development, Advanced Spreadsheets, Business Project, Work Placement.		
<b>Other Information:</b>		
<ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement/Optional Study Abroad</li> <li>• Add-on programme available at Level 8</li> <li>• Scan the QR code for a full listing of modules offered on both courses.</li> </ul>		
Bachelor of Business		
Level 7	< >	Course Code: US720
		Duration: 3 Years
		CAO Points 2024: 231
		Location: Athlone Campus
		Progression to Level 8: Yes (Add-on)
	Entry Requirements: Leaving Certificate: Grade O6 at ordinary level in five subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details:</b> Dr. Alison Sheridan, Head of Department   Tel: 090 6468261   Email: Alison.Sheridan@tus.ie		

## What is this course about?

If you choose to study business on the TUS Athlone Campus, you may select from a Bachelor of Business (Level 7) or a Bachelor of Business (Hons) Level 8 course. Whichever choice you make, you will join an international and diverse student cohort, where students enjoy a truly globalised learning experience. This course will open up a range of opportunities in terms of your future career direction. Combining studies within the core business disciplines, with the benefits of practical experience gained through the work placement element of this course, you will be provided with an opportunity to consolidate and apply business skills within a business setting. This will offer you a distinct advantage in securing graduate employment.

You will have the opportunity to study a wide range of business-related subjects in the early years, while still having the benefit of selecting the key subject options that interest you most during the final two years of the course. In addition, you will benefit from a 20-week industry placement, which will afford you the opportunity to put into practice the knowledge you will have acquired in the classroom. The option to further internationalise your learning experience by undertaking a semester or year abroad at one of our many partner universities is open to you. Furthermore, you will develop your IT skills through the use of a variety of relevant software application packages.

## Why study this course?

A course in Business will furnish you with a deep understanding of the functional areas of business and the factors that influence success. By graduation, you will be proficient at problem solving in a business context. Our Business courses are extremely flexible and afford students the ability to tailor the course to reflect their preferred areas of study. This is achieved through the wide variety of elective modules on offer. No matter what route you choose, you will acquire a comprehensive understanding of the modern business world. If you have an interest in business and the complex interplay between people, organisations and their environment, then this course is for you.

## What can I do after this course?

These business courses will prepare you for a successful business career. Areas you can specialise in include accounting, banking, insurance, marketing, human resource management, administration, retail services and computing. Our sought-after graduates have gone on to pursue a wide variety of careers in companies ranging from small indigenous Irish companies to large multinational corporations.

# Digital Marketing

Bachelor of Business (Honours) in Digital Marketing		
<b>Level 8</b>	< >	<b>Course Code: US844</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 235</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).
<b>Modules at a glance:</b> Marketing in a Digital Age, Digital Marketing Applications, Business Accounting, Graphic Design for Marketing, Microeconomics, Computer Applications, Business Maths, Social Media Sales and Marketing, Introduction to Entrepreneurship, Introduction to Analytics & SEO, Video & Special Effects.		
<b>Other Information:</b>		
<ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Optional Study Abroad</li> <li>• Add-on programme available at Level 8</li> <li>• Scan the QR code for a full listing of modules offered on both courses.</li> </ul>		
Bachelor of Business in Digital Marketing		
<b>Level 7</b>	< >	<b>Course Code: US724</b>
		<b>Duration: 3 Years</b>
		<b>CAO Points 2024: 210</b>
		<b>Location: Athlone Campus</b>
		<b>Progression to Level 8: Yes (Add-on)</b>
	<b>Entry Requirements: Leaving Certificate:</b> Grade O6 at ordinary level in five subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details: Dr. Alison Sheridan, Head of Department   Tel: 090 6468261   Email: Alison.Sheridan@tus.ie</b>		

## What is this course about?

Digital marketing is a rapidly growing field and businesses of all sizes across the globe are increasingly relying on digital marketing to reach and engage with customers. This has created a high demand for skilled digital marketers who can develop and implement effective digital marketing strategies.

Studying Digital Marketing at TUS Athlone campus will enable students to:

- Develop creative content, apply SEO and explore cyberpsychology and its ability to alter human behaviours within the context of real-life digital marketing campaigns;
- Benefit from access to leading industry specialists via our award-winning Digital Speaker series (category winner at the Education Awards 2024);
- Experience an internationalised campus that brings a global focus to the learning experience;
- Benefit from lecturers' wealth of industry experience;
- Have the option to undertake a semester or a year abroad.

Students on our level 8 degree gain invaluable experience while working with a company on a live digital project during Year 4.

## Why study this course?

The digital economy is booming and with more and more brands putting a focus on digital marketing, demand for suitably qualified candidates is increasing rapidly. As a result, digital marketing is one of the few sectors where demand for graduates is exceeding supply. Our bespoke, industry

focused course ensures that our students are equipped with the necessary skills and knowledge to deliver impact with the latest trends and technologies in the industry, such as artificial intelligence, e-commerce and video special effects alongside the essential skills of branding, strategy and campaign management.

Students will learn about digital theory and cyber psychology while also getting hands-on practical experience from academics with relevant industry experience. This is crucial to your constant development and upskilling because digital marketing is an ever evolving, fast-moving field. If you have an interest in business, marketing and both the creative and scientific aspects of digital, then this course is ideal for you.

## What can I do after this course?

This qualification will furnish you with a wide and varied skillset meaning you will have the ability to work in enumerable in-house and agency positions where the demands for marketing with social media skills are apparent. Graduates have secured employment in many roles such as: Digital Marketing Assistant, Web Designer, Social Media Marketing, Digital Marketing Manager and SEO Consultant.

Graduates of the Level 7 programme can progress to the 4th year of the Level 8 honours degree. Graduates of the Level 8 programme can progress to the MSc in Digital Marketing and Analytics at TUS.

# Law

Bachelor of Laws (Honours) in Law		
<b>Level 8</b>	< >	<b>Course Code: US850</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 327</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 in two subjects in the Leaving Certificate plus Grade O6 or H7 in four other subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a Language (English or Irish).
<b>Modules at a glance:</b> Legal Skills, The Irish Legal System, Tort Law, Contract Law, Computer Applications, Legal Technology, Data Protection Law and Practice, Microeconomic Principles, Languages, Innovation, Entrepreneurship and Law, Climate Law, Family Law and Cyber Security.		
<b>Other Information:</b>		
<ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants. 3 places are reserved for QQI applicants.</li> <li>• Students have the option of transferring to the Bachelor of Business and Law upon successful completion of all modules in either first year or second year.</li> <li>• Work Placement</li> <li>• Honourable Society of King's Inns Accredited</li> <li>• Scan the QR code for a full listing of modules offered on this course.</li> </ul>		
<b>Contact Details: Dr. Alison Sheridan, Head of Department   Tel: 090 6468261   Email: Alison.Sheridan@tus.ie</b>		

## What is this course about?

This unique degree aims to prepare students for the modern world of work and legal practice. It offers students the opportunity to apply traditional law subjects in modern contexts, taking teaching law out of the textbooks and into real life, developing lawyering skills by practicing those skills in real and hypothetical legal environments.

This course has the added benefit of having significant commonality with the first and second years of the Bachelor of Business (Honours) in Business and Law. This will enable students to transfer to Business and Law if they find that they prefer the business elements of the course after year one or year two.

This course is accredited by the Honourable Society of King's Inns.

## Why study this course?

Few traditional law degrees offer students the opportunity to learn law as well as how to run a legal business, from a lecturing staff with experience of this, while allowing them to actually apply theory in real-life contexts, such as real-life legal clinics, work placements and mock court cases.

Interpersonal skills are almost as important as qualifications in predicting success in the modern business world and this course will develop these skills to a high level in addition to practical business management and legal skills like advocacy and legal research. Traditional core subjects are complemented by the opportunity to take advanced classes in a range of electives that reflect the challenges faced in the modern world, like legal technology, climate change, white collar crime and human rights law. Students will also have the opportunity to learn core business skills like entrepreneurship and management. Students will benefit from the opportunity

to do a work placement to develop their practical skills and contacts. They will get to participate in the vibrant extra-curricular law related societies such as Debating and the Law Society. They will have the opportunity to participate in competitions against students in other colleges through Mooting activities that take place both in the modules and extra-curricular. Lecturers on the course have professional qualifications as solicitors and barristers and give the students the benefit of their practice experience, as well as practical knowledge around how to navigate the professions.

## What can I do after this course?

This qualification equips students with skills like advocacy, legal research, reasoning, problem solving, business management and client handling. These will enable successful graduates to succeed in running their own businesses or in management positions in start-ups or established companies.

Students will also cover the core law subjects and skills necessary to prepare for a career as a solicitor or barrister. In order to progress to the solicitor's profession, students will need to sit exams for entry to the professional training course in the Law Society of Ireland. Alternatively, students may progress to a range of other potential roles such as ADR professional or Chartered Company Secretary.

A law degree is very desirable to employers across a range of fields and roles such as insurance, compliance, corporate governance, human resources, government and policy making, technology, dispute resolution and commerce. Every medium to large sized company has a legal department as law affects almost every aspect of life and business.

Students can also progress to further postgraduate study, such as Masters degrees in a range of disciplines or PhD study.

# Business and Law

Bachelor of Business (Honours) in Law			
Level 8	< >	<b>Course Code: US848</b>	<b>Modules at a glance:</b> Legal Skills, The Irish Legal System, Tort Law, Financial Accounting, Business Mathematics, Contract Law, Computer Applications, European Union Law, Criminal Law, and Equity Law.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 280</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details:</b> Dr. Alison Sheridan, Head of Department   Tel: 090 6468261   Email: Alison.Sheridan@tus.ie			

## What is this course about?

This degree combines law and business, providing graduates with a skillset that allows them enter the professions in law, or the versatility and flexibility to enter the commercial and business world. Students will be equipped with the analytical and advocacy skills that arise from legal training, combined with the numeracy and financial literacy of a business degree. The modules are taught by experienced practitioners from commercial and legal practice. This programme is accredited by the Honourable Society of King's Inns.

## Why study this course?

This course provides a comprehensive grounding in the fundamental areas of law, including the legal system and the interaction of Irish and European law. In addition, you will also engage with key areas of business such as marketing and management. Students on this course will have the opportunity to develop key transferable skills (including oral and written communication skills, analytical skills, enhanced numeracy, teamwork and research skills) which are increasingly attractive to potential employers. Students may participate in our extra-curricular activities such as FLAC and Mooting and Debating competitions. In addition, students may wish to benefit from the opportunity to study abroad for one semester with one of our partner colleges.

## What can I do after this course?

This honours degree provides a foundation for any student wishing to train as a solicitor by undertaking the exams of the Law Society of Ireland. It also offers students the opportunity to study the core subjects required for King's Inns entry and entrance exams. However, these are not the only options open to you.

This degree opens up a range of alternative options other than the practice of law. Students might decide to pursue a career in the public service or private industry. You will have acquired a skill set and competencies attractive to a wide range of businesses, both inside and outside of law including banking, the civil service, human resource management, media and other related disciplines.

Graduates of this course may progress to postgraduate studies such as the Master of Business course at the Athlone Campus or a range of other business/law courses at other universities.



# International Business

Bachelor of Business (Honours) in International Business			
Level 8	< >	<b>Course Code: US853</b>	<b>Modules at a glance:</b> Accounting, Economics, Marketing, Entrepreneurial Skills, Computer Applications, International Trade & Tax, International Business Negotiation, Cultural Diversity & Employability, Applied International Consulting Project, Supply Chain Management, Global Finance, Contemporary Issues in International Business, French (Optional).
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 291</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 in two subjects plus Grade O6/H7 in four other subjects in the Leaving Certificate examinations. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details:</b> Dr. Alison Sheridan, Head of Department   Tel: 090 6468261   Email: Alison.Sheridan@tus.ie			

## What is this course about?

This honours degree offers an opportunity to study the key international business subjects of accounting, finance, economics, management, marketing, human resource management, and computing with a focus on how companies do business in an international setting. The inclusion of a 20-week work placement in the third year of the course provides students an ideal opportunity to apply and embed the learning gained by putting into practice the knowledge you will have acquired in the classroom.

The option to further internationalise your learning experience by undertaking a semester or year abroad at one of our many partner universities is also open to you. Furthermore, you will develop your IT skills through the use of a variety of relevant software application packages.

## Why study this course?

Stand out from the crowd with an honours degree in international business, and with an option to take a language such as French you can further enhance your skillset. This course will open up a range of opportunities in terms of your future career direction and prospects from both a domestic and international perspective. The benefits of practical experience gained through the work placement element of this course will provide you with an opportunity to consolidate and apply business skills within an international business setting. It is likely to offer you a distinct advantage in securing graduate employment.

## What can I do after this course?

This course aims to produce a capable and competent graduate with the ability to work, operate and manage in an internationally focused business environment. In addition to core business subjects in the early semesters of the course, modules such as International Business Negotiation, Contemporary Issues in International Business, Cultural Diversity and Employability, combine with the mandatory work placement in year three and the applied international research project in the final year to leave graduates well placed to pursue a range of opportunities globally.

Career opportunities which may be available to graduates include: Business Development Manager, Diplomat/Roles within the Department of Foreign Affairs, Event Management, Global Brand Manager, International Finance Manager, International Marketing Executive, Management Consultant, Policy Officer (European Union), and Research Assistant (European Union).

# Accounting with Finance

Bachelor of Arts (Honours) in Accounting with Finance			
Level 8	< >	<b>Course Code: US846</b>	<b>Modules at a glance:</b> Critical Skills for Learning, Management Accounting, Financial Accounting, Economics for Accountants, Taxation, Sustainability for Accountants, Applications for Accountants, Data Analytics and Visualisation, The Evolving Professional.
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 298</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details: Mr. Bernard Tao Cui</b> , Head of Department, Accounting and Business Computing   <b>Tel:</b> 090 6471857   <b>Email:</b> Tao.Cui@tus.ie			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Scan the QR code for a full listing of modules offered on this course</li> </ul>

## What is this course about?

This award-winning, fast-track honours degree in Accounting with Finance will provide students with a comprehensive foundation in accounting principles, concepts and practices equipping students with the skills to work in various business contexts where they can progress to become professional qualified accountants. The course places a high emphasis on obtaining exemptions from professional accounting exams. This ensures that graduates from this course have a minimal number of exams to sit after they graduate in order to become a fully qualified professional accountant.

The course also places an emphasis on building students' professional and digital skills. Preparing graduates for employment, the professional skills theme that runs throughout the course encompasses a range of skills, practices and activities to build the professional competencies demanded by the modern workplace. To further enhance employability, the digital skills theme within the course encompasses a range of software skills widely used in the accounting profession.

## Why study this course?

TUS is recognised nationally for the quality of its accounting courses and lecturing staff. Our honours degree enjoys a large number of exemptions from professional bodies, such as CIMA, ACCA, CPA and CAI. Our lecturing staff have extensive industry experience as well as high academic standards. With a strong legacy of accounting within the department, the lecturing team will ensure that graduates are knowledgeable, skilled and well prepared wherever their career takes them. Their experience and expertise greatly contribute to our students consistently achieving top marks in exams, not only within Ireland but also on a global scale.

We take great pride in our students' outstanding academic achievements, which serve as a testament to the quality of education they receive. Their exceptional performance reflects our commitment to delivering a rigorous curriculum that prepares them for success in their chosen fields.

## What can I do after this course?

In addition to focussing on professional and digital skills, the course also enjoys a large number of exemptions from professional bodies, such as Chartered Accountants of Ireland, ACCA, CPA and CIMA. These exemptions reduce the number of professional exams you will have to take once you graduate when you start your training contract.

Graduates initially pursue a career in an accounting practice or industry. The majority gain employment with the "big four" firms and local accounting firms. The vast majority qualify as accountants within three years of graduation and can expect to rise to more senior executive level in private industry, in the public and private sectors, and in education. Our course team has developed very strong links with accounting practices across the country. The reputation of our past graduates is excellent, and we have no doubt future graduates will achieve similar recognition.

Alternatively, graduates also have the option of pursuing a number of Masters courses within TUS Athlone, including the MA in Accounting, the MSc in Data Analytics or the Masters of Business.

# Accounting with Finance and Placement

Bachelor of Arts (Honours) in Accounting with Finance and Placement			
Level 8	< >	<b>Course Code: US847</b>	<b>Modules at a glance:</b> Critical Skills for Learning, Management Accounting, Financial Accounting, Computer Applications, Economics for Accountants, Taxation, Sustainability for Accountants, Applications for Accountants, Data Analytics and Visualisation, The Evolving Professional, Work Placement (year long).
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 309</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details: Mr. Bernard Tao Cui</b> , Head of Department, Accounting and Business Computing   <b>Tel:</b> 090 6471857   <b>Email:</b> Tao.Cui@tus.ie			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Students have the option of transferring to the US846 course. Aside from the placement, all modules are identical to this course.</li> </ul>

## What is this course about?

The BA (Hons) in Accounting with Finance and Placement provides students with a comprehensive foundation in accounting principles, concepts and practices equipping students with the skills to work in various business contexts where they can progress to become professional qualified accountants. The course places a high emphasis on obtaining exemptions from professional accounting exams. This ensures that graduates from this course have a minimal number of exams to sit after they graduate in order to become a fully qualified professional accountant. The course also places an emphasis on building students' professional and digital skills. Preparing graduates for employment, the professional skills theme that runs throughout the course encompasses a range of skills, practices and activities to build the professional competencies demanded by the modern workplace. To further enhance employability, the digital skills theme within the course encompasses a range of software skills widely used in the accounting profession.

This course includes a year-long placement which runs during year 3 of the course. This allows students to gain real-world experience in the workplace allowing them to apply their theoretical knowledge to practical scenarios. Students will engage with a career-focused module 'The Evolving Professional' during year 2 of the course, in preparation for their placement. The work placement allows students to explore career paths, boosting their self-confidence and enhancing their curricula vitae.

At the Department of Accounting and Business Computing at TUS, our lecturing staff have extensive industry experience as well as high academic standards. With a strong legacy of accounting within the department, the lecturing team will ensure that graduates are knowledgeable, skilled and well prepared wherever their career takes them.

## Why study this course?

By choosing this course, you can significantly enhance your employability upon graduation. This course is specifically designed to equip you with professional, technical, interpersonal and digital skills, making you a highly sought-after candidate in the job market. Moreover, one of the key advantages of this course is the extensive range of exemptions it offers from prestigious professional bodies such as Chartered Accountants of Ireland, ACCA, CPA, and CIMA. These exemptions allow you to reduce the number of professional exams you'll need to take once you graduate and start your training contract.

## What can I do after this course?

In addition to focussing on professional and digital skills, the course also enjoys a large number of exemptions from professional bodies, such as Chartered Accountants of Ireland, ACCA, CPA and CIMA. These exemptions reduce the number of professional exams you will have to take once you graduate when you start your training contract.

Qualified accountants end up in a wide range of roles across a wide range of industries. Graduates typically start their careers in practice and once qualified, usually have their choice of employment opportunities. The majority gain employment with the "big four" firms, however some choose to stay in the locality with local accounting firms. Others take the option to work in the accounting/finance area in industry. Alternatively, graduates also have the option of pursuing a number of Masters courses within TUS Athlone, including the MA in Accounting, the MSc in Data Analytics or the Masters in Business.

# Construction and Built Environment



Scan the QR code to learn more about our Construction & Built Environment courses

Year 1	Year 2	Year 3	Year 4
US888 Built Environment (Common Entry)	3 year specialisations following completion of US888 Quantity Surveying, Construction Management (Athlone) Property Valuation & Management*, Civil Engineering Management* (Moylish*)		
US884 Construction Management			
US887 Civil Engineering			
US761 Civil Engineering			Add-On Civil Engineering
US880 Quantity Surveying			

Courses and Progression

## Level 8 Courses

**US888 Built Environment (Common Entry)**  
Bachelor of Science (Honours) Ab-Initio

**US884 Construction Management**  
Bachelor of Science (Honours) Ab-Initio

**US887 Civil Engineering**  
Bachelor of Engineering (Honours) Ab-Initio

**US880 Quantity Surveying**  
Bachelor of Science (Honours)

## Level 7 Courses

**US761 Civil Engineering**  
Bachelor of Engineering

# Built Environment (Common Entry) \*

\* This is a one year common entry course

NEW COURSE

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US888</b>
		<b>Duration: 1 Year with progression to Year 2 of the current Level 8 honours degree courses in Department of Civil Engineering</b>
		<b>CAO Points: New for 2025</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> Introduction to Built Environment Studies, Measurement and Costing, Mathematics, Communications, Domestic Construction Technology, Building Information Modelling, Construction Management, Land Surveying.
		<b>Class Contact Hours:</b> 24 hours per week approx.
		<b>Other Information:</b> • QQI FET/FETAC Applicants • Mature Applicants
<b>Contact Details:</b> Alan Duffy, Head of Department   <b>Tel:</b> 090 644 2531   <b>Email:</b> Alan.Duffy@tus.ie		

## What is this course about?

This is a one-year common entry course to the honours degree courses in the Built Environment. Successful completion of this Common Entry Year will entitle the student to progress into Year 2 of the following courses, subject to availability of places:

- BSc (Hons) in Quantity Surveying
- BSc (Hons) in Construction Management
- BSc (Hons) in Property Valuation and Management\*
- BSc (Hons) in Civil Engineering Management\*

\*offered on the TUS Moylish Campus

This course is offered on the CAO in addition to the existing Level 8 honours degrees in the Department of Civil Engineering. The Common Entry Year has been developed in order to advance the Transitions Agenda being pursued in Irish Higher Education, of better transition from second level to third level education.

This course aims to give the student the first stage of an academically challenging educational experience, that will enable the student to develop the knowledge, skills and competencies to serve both the construction industry and society, in whichever specialisation within the industry they progress to study in years 2, 3 and 4 of the Honours Degree courses in the Department of Civil Engineering.

## Why study this course?

This Common Entry Year is suited to individuals who are looking for a career in the construction industry but are not sure of the specialism they wish to pursue.

## What can I do after this course?

Successful completion of this common Year 1 entitles students to progress into Year 2 of any of the Level 8 courses in Construction and the Built Environment at TUS Athlone campus or TUS Moylish campus – Quantity Surveying, Construction Management, Property Valuation and Management, or Civil Engineering Management, subject to availability of places.

# Construction Management

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US884</b>	<b>Modules at a glance:</b> Domestic Construction Technology, Building Information Modelling, Mathematics, Construction Management, Communications for the Built Environment, Engineering Surveying, Measurement and Costing.
		<b>Duration: 4 years</b>	
		<b>CAO Points 2024: 290</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details:</b> Alan Duffy, Head of Department   <b>Tel:</b> 090 644 2531   <b>Email:</b> Alan.Duffy@tus.ie			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Accreditation</li> <li>• Work Placement</li> </ul>

## What is this course about?

The course will cover core areas of construction management, including Building Information Modelling (BIM), modern construction technology, lean project management and modern construction procurement and contract management. The course includes a minimum 24-week work placement. You will be exposed to a range of modules that are most relevant to digital construction management. You will be taught by academic staff with current industrial experience, and you will get direct exposure to relevant industrial practice.

## Why study this course?

This course is suitable for those interested in the professional side of the construction industry. This course is a unique offering in Ireland and has been specifically designed to meet the modern requirements of a construction manager in a fast-evolving sector. While rooted in construction management fundamentals, the focus of this course is on contemporary challenges such as the implementation of lean management processes and proficiency in Building Information Modelling (BIM) technology. Upon successful completion of this course, the graduate will possess much sought-after skills in the modern construction management sector.

## What can I do after this course?

The skills developed through this course have been identified as in-demand through both published national reports and from direct consultation with industry, carried out by our technological university. Areas such as lean construction, ICT, modern methods of construction and lean project delivery are seen as key requirements in the construction sector.

Identified skills such as lean project management, 4D Building Information Modelling, data management and procurement form the core of this course. Graduates from the course will find opportunities as construction managers, project managers, contract administrators/ managers, careers in BIM, management and construction law (with further education).

If travel is on your agenda, then this course is ideally suited to fulfil that ambition as it covers the many aspects of Building Information Modelling, construction technology, procurement and contract management that are recognised internationally.



# Civil Engineering

Bachelor of Engineering (Honours)			
Level 8	< >	<b>Course Code: US887</b>	<b>Modules at a glance:</b> First year modules include: Engineering Mathematics, Soil Mechanics and Technology, Surveying, Building Information Modelling, Structural Engineering, Mechanics, Commercial Construction Technology.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 437</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> 6 subjects with at least 2 subjects at Grade H5 or better. 4 subjects at Ordinary Level Grade O6 or Higher Level Grade H7. Subjects required: English or Irish at Ordinary Level Grade O6 or Higher Level Grade H7 or better. Mathematics at Higher Level Grade H4 or better. TUS will offer a special qualifying mathematics examination for students who achieve sufficient CAO points but do not meet the requisite grade of a H4 in Mathematics.	
<b>Contact Details:</b> Alan Duffy, Head of Department   <b>Tel:</b> 090 644 2531   <b>Email:</b> Alan.Duffy@tus.ie			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> <li>• Accreditation</li> <li>• Scan the QR code for a full listing of modules offered on this course</li> </ul> <p><i>* For progression to Level 8: Applicants must have achieved an overall merit 2 (50 – 59%) or higher in a level 7 BEng Civil Engineering course or equivalent. They must also have obtained 70% or higher in ordinary degree level mathematics module or a pass in bridging mathematics to bring the student to the requisite standard.</i></p>

Bachelor of Engineering			
Level 7	< >	<b>Course Code: US761</b>	<b>Modules at a glance:</b> First year modules include: Engineering Mathematics, Soil Mechanics and Technology, Surveying, Building Information Modelling, Structural Engineering, Mechanics, Commercial Construction Technology.
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 240</b>	
		<b>Location: Athlone Campus</b>	
		<b>Progression to Level 8: Yes (Add-on)*</b>	
	<b>Entry Requirements:</b> A minimum of a grade O6 at ordinary level in five subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).		
<b>Contact Details:</b> Alan Duffy, Head of Department   <b>Tel:</b> 090 644 2531   <b>Email:</b> Alan.Duffy@tus.ie			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> <li>• Accreditation</li> <li>• Scan the QR code for a full listing of modules offered on this course</li> </ul> <p><i>* For progression to Level 8: Applicants must have achieved an overall merit 2 (50 – 59%) or higher in a level 7 BEng Civil Engineering course or equivalent. They must also have obtained 70% or higher in ordinary degree level mathematics module or a pass in bridging mathematics to bring the student to the requisite standard.</i></p>

## What is this course about?

This course offers a rich learning experience in state-of-the-art facilities. As a civil engineer, your work will require a diverse skill set, so the course has been designed to ensure you have the cutting-edge knowledge to tackle complex problems in areas such as structures, materials, geotechnics, water, management, traffic and environmental engineering. Assessment is broad-based, employing reports, design projects, presentations, posters, interviews, exams, etc. all aligned to real-world examples and situations. Modules are delivered in an exciting and challenging blend of tutorials, laboratories and lectures. Integral to the course is an extended industrial placement, which offers invaluable 'hands on' experience in civil engineering companies, while research projects can be conducted alongside postgraduates and research active staff/companies.

## Why study this course?

Civil engineering deals with the design, construction and maintenance of the physical and built environment. Civil engineers play an essential role in solving some of the most pressing problems facing humanity, including concerns about planning, transport, energy and the environment. A career in civil engineering allows graduates to make a real contribution to improving people's everyday lives by planning, designing,

constructing and managing large-scale building projects, from roads to skyscrapers, hospitals to wind farms and airports to sea ports. Civil engineers are at the forefront of meeting the challenges of climate change by developing sustainable materials and construction methods, improving energy efficiency and reducing carbon emissions, and developing structures such as flood defences, green/passive buildings, energy harvesting plants, etc. This means that the industry is fast-moving and evolving rapidly with the needs of society. The course is delivered by a committed, highly qualified faculty with up-to-date industrial experience and a growing reputation for excellence in research, meaning you will be exposed to the very latest developments in the field.

## What can I do after this course?

There is now a high demand for civil engineers, leading to excellent opportunities with attractive starting salaries both at home and abroad. Graduates may find roles in either the private or public sector, involving the design, management and construction of large-scale projects, including energy infrastructure, water, coastal structures, bridges, tunnels, roads, rail, airports and major buildings. Graduates may also pursue further studies by completing taught courses or undertaking a research master's or PhD.

# Quantity Surveying

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US880</b>	<b>Modules at a glance:</b> Measurement and Costing, Project Management, Mathematics for Surveying, Domestic Construction Technology, Building Services Technology, Learning and Development for Higher Education, Building Information Modelling, Computer Applications.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 288</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details:</b> Alan Duffy, Head of Department   <b>Tel:</b> 090 644 2531   <b>Email:</b> Alan.Duffy@tus.ie			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• SCSi Accreditation</li> <li>• Work Placement</li> </ul>

## What is this course about?

The course will cover core areas of quantity surveying, explore BIM and in particular the cost management of mechanical and electrical services technology. The course includes a minimum 24-week work placement. In mechanical and electrical services technology, the student will learn about energy management, life cycle costing and measurement, estimating and cost control. The student will also learn about construction technology, construction law and contract administration as used both in Ireland and internationally.

## Why study this course?

This course is suitable for those interested in the professional side of the construction industry. The quantity surveyor acts within both accountancy and legal frameworks. This four-year course offers specialisms in building information modelling (BIM) and in the area of Mechanical and Electrical Services Cost Management. These are areas of significant growth in the Irish construction industry, particularly in sectors such as data centre development, pharmaceutical, agri-food, and large-scale commercial projects. In Ireland, as well as internationally, there is a shortage of quantity surveyors with mechanical and electrical qualifications. This means that the successful student will be much sought after by employers.

## What can I do after this course?

Graduates will be qualified to work with contractors, sub-contractors, local authorities, government departments or as a consultant in a private practice. Employment opportunities will also include working in dedicated mechanical and electrical departments of various industries such as data, pharmaceutical, agri-food and on large-scale commercial projects. If travel is on your agenda, then this course is ideally suited to fulfil that ambition as it covers different aspects of Irish and international mechanical and electrical services technology.

## Professional Accreditation

The BSc (Hons) in Quantity Surveying has been accredited by the Society of Chartered Surveyors of Ireland (SCIS), an affiliate of the Royal Institute of Chartered Surveyors (RICS). All graduates will have the educational qualification deemed necessary to apply for the title of Chartered Quantity Surveyor.

# Engineering



Scan the QR code to learn more about our Engineering courses.

Year 1	Year 2	Year 3	Year 4
US773 Engineering (Common Year)	Specialisations following completion of Engineering (Common Year) Mechanical Engineering Mechanical Engineering with Energy Automation and Robotics Polymer and Mechanical Engineering		Mechanical Engineering Mechanical Engineering with Energy Automation and Robotics Polymer and Mechanical Engineering
US770 Mechanical Engineering			Add-On Mechanical Engineering
US910 Mechanical Engineering			
US772 Mechanical Engineering with Energy			Add-On Mechanical Engineering with Energy
US912 Mechanical Engineering with Energy			
US777 Polymer and Mechanical Engineering			Add-On Polymer and Mechanical Engineering
US913 Polymer and Mechanical Engineering			
US776 Automation and Robotics			Add-On Automation and Robotics
US916 Automation and Robotics			
US812 Design Engineering			

Courses and Progression

## Level 8 Courses

**US910 Mechanical Engineering**  
Bachelor of Engineering (Honours)  
Ab-Initio

**US912 Mechanical Engineering with Energy**  
Bachelor of Engineering (Honours)  
Ab-Initio

**US913 Polymer and Mechanical Engineering**  
Bachelor of Engineering (Honours)  
Ab-Initio

**US916 Automation and Robotics**  
Bachelor of Engineering (Honours)  
Ab-Initio

**US812 Design Engineering**  
Bachelor of Technology (Honours)  
Ab-Initio

## Level 7 Courses

**US773 Engineering (Common Year)**  
Bachelor of Engineering

# Engineering (Common Year)

Bachelor of Engineering		
	< >	<b>Course Code: US773</b>
		<b>Duration: 3 Years</b>
		<b>CAO Points 2024: 231</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> Grade O6 at ordinary level in five subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a Language (English or Irish).
		<b>Modules at a glance:</b> Communications for Manufacturing, Mathematics, Engineering Science, Mechanics, Engineering Materials, Engineering Workshop and Graphics, Electronics Technology, Processing of Engineering Materials.
		<b>Other Information:</b> • QQI FET/FETAC Applicants
<b>Contact Details:</b> Eoin McIntyre, Course Leader   <b>Tel:</b> 090 6468176   <b>Email:</b> Eoin.McIntyre@tus.ie		

## What is this course about?

Our common first year has been developed to give our students sufficient time and experience to come to an informed choice as to which specific mechanical engineering course they wish to pursue at TUS Athlone.

The core engineering subjects will be taught to a large group of first years. This gives the student additional means to determine their best fit, as they will be able to talk to students in different courses with a shared syllabus. Students with a passion for robotics may feel that automation and robotics is the course for them; others may feel that a mechanical engineering qualification will provide a strong foundation for an interesting and successful career; if they have an interest in renewable and sustainable energy they may choose mechanical engineering with energy; while those who have an interest in materials, science and chemistry might pursue polymer and mechanical engineering.

Graduates of all four courses will gain a core common set of skills in mechanical engineering while each will be differentiated by distinct streams that target specific discipline areas. Mechanical Engineering graduates may be employed as technicians within, for example the medical devices, pharmaceutical, ICT, automotive sector or precision engineering sector.

Automation and Robotics graduates receive a more specific training in electronics automation and mechanical engineering that qualifies them to work as technicians in advanced manufacturing environments, configuring and maintaining production lines or automated mechanical processes. They work across sectors that have high levels of automation.

Mechanical Engineering with Energy graduates will be employable as mechanical engineers as well as have specific training in renewable energy technologies, giving them the opportunity to work on energy efficiency projects for enterprises or with companies developing renewable energy systems.

Polymer and Mechanical Engineering graduates can expect to find employment as technicians looking after and taking responsibility for the production of the product. They will also identify processes, equipment, and documentation improvements where possible and take part in improvement projects as assigned.

## Why study this course?

This course provides a common entry year 1 to the following level 7 courses:

- BEng in Mechanical Engineering
- BEng in Mechanical Engineering with Energy
- BEng in Automation and Robotics
- BEng in Polymer and Mechanical Engineering

This broad experience of some of the major areas in mechanical, renewable/sustainable energy, automation, and robotics will better enable the students to carry on to second year, knowing they have an interest and aptitude for a particular field.

The Common Engineering Entry Scheme is a one-year course for students interested in engineering as a career but who may be unsure of which discipline to follow.

At TUS Athlone, Engineering education is very practical. Almost 50% of your time will be spent in state-of-the-art laboratories developing your practical engineering skills, and the other 50% will be spent on engineering theory and its application.

# Mechanical Engineering

Bachelor of Engineering (Honours)		
	< >	<b>Course Code: US910</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 309</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).
		<b>Modules at a glance:</b> Communications for Manufacturing, Mathematics, Engineering Science, Mechanics, Engineering Materials, Engineering Workshop and Graphics, Electronic Technology, Processing of Engineering Materials and Engineering Workshop and Graphics.
		<b>Other Information:</b> • QQI FET/FETAC Applicants • Work Placement • Scholarship opportunities
		<i>* For progression to Level 8: Applicants must have a Bachelor of Engineering in Mechanical Engineering or a Level 7 qualification in a related engineering discipline.</i>
<b>Contact Details:</b> Eoin McIntyre, Course Leader   <b>Tel:</b> 090 6468176   <b>Email:</b> Eoin.McIntyre@tus.ie		

## What is this course about?

Mechanical Engineers shape the world around us and how we live our lives. They invent, design and build things that address the problems of today for a better tomorrow. Mechanical engineering is about putting ideas into action. It is about inventing, designing, developing, manufacturing and maintaining products, equipment and machinery of all kinds. Mechanical engineers use their knowledge of materials, mechanisms, power, energy and manufacturing technology to produce specifications for their designs and to see those designs become a reality. They also build and test prototypes in order to prove their designs.

Engineering education at TUS is very practical. Almost 50% of our students' time is spent in our state-of-the-art laboratories developing practical engineering skills, while the other 50% is spent in lectures focusing on engineering theory and its application.

## Why study this course?

Our Faculty of Engineering and Informatics has a long tradition of delivering mechanical engineering courses that meet the ever-changing needs of modern industry. Our close relationship with industry ensures that our courses have a practical and applied focus that will give you hands-on experience of the most relevant areas to today's enterprises. Our Mechanical Engineering degrees provide students with a detailed understanding of the fundamental principles of mechanical engineering. Students will develop their skills and knowledge working alongside experienced lecturers.

Students complete a 24-week work placement from January to June in the third year of the course. Placements may be done in Ireland or abroad. Students pursuing the Level 8 Bachelor of Engineering (Honours) degree will engage with an industrial partner or a research group on the topic for their final year project. These students gain the valuable experience of engaging in these practical real world industrial/research collaborations.

## What can I do after this course?

Engineering graduates can work in design, manufacturing and production, quality control, automation, planning logistics and supply, technical sales support with contracting and technical service industries.

# Mechanical Engineering with Energy

Bachelor of Engineering (Honours)		
Level 8	< >	<b>Course Code: US912</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 342</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).
		<b>Modules at a glance:</b> Communications for Manufacturing, Mathematics, Engineering Science, Mechanics, Engineering Materials, Engineering Workshop and Graphics, Electronic Technology, Processing of Engineering Materials.
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> <li>• Scholarship opportunities</li> </ul>
<i>* For progression to Level 8: Applicants must have a Bachelor of Engineering in Mechanical Engineering with Energy or a Level 7 qualification in a related engineering discipline.</i>		
<b>Contact Details:</b> Dr. Niall Burke, Course Leader   Tel: 090 6468169   Email: Niall.Burke@tus.ie		

## What is this course about?

This course is ideal for students interested in the intersection of mechanical engineering and energy technology, as it equips them with the skills and knowledge needed to address contemporary energy demands facing industry, including sustainability and environmental considerations. Engineering at TUS is very practical. Almost 50% of your time will be spent in state-of-the-art laboratories developing your practical engineering skills, and the other 50% will be spent on engineering theory and its application. On this course, students will:

- Visit some of our industrial partners to experience the role of a mechanical engineer.
- Operate high-end technical engineering equipment in our cutting-edge engineering laboratories.
- Develop the ability to critically appraise mechanical engineering systems, to identify area of potential improvement, to bring about corrective action and where applicable, to suggest and implement an alternative solution.
- Learn about environmental loadings of processes/plants and be committed to its reduction, either in terms of the product, the materials or the process.
- Improve your teamwork and communication skills by working as part of small teams on problem-solving and projects.
- Develop an ethical awareness with regard to the engineering profession and environment.

Students are required to complete a 24 week work placement from January to June in the third year of the course. Placements may be done in Ireland or abroad.

## Why study this course?

This course is designed in a way to blend the essential theoretical and practical elements of Mechanical Engineering with some specialised expertise in sustainable energy engineering. Mechanical engineers are essential for optimizing energy usage in manufacturing processes and ensuring the efficiency of industrial machinery, while energy engineering assumes a pivotal role in the generation, distribution, and storage of energy, forming the cornerstone of our society. The dynamic landscape of technological progress, including electric vehicles and data centres, is continuously evolving, which continues to drive strong industry demand for skilled graduates in this area.

## What can I do after this course?

As a graduate of this course, you will be well-prepared to pursue a diverse array of careers, including positions in utilities engineering/management, energy consultancy, production engineering, research & development, project management, quality control, production planning, or as a CAD designer.

# Polymer and Mechanical Engineering

Bachelor of Engineering (Honours)		
Level 8	< >	<b>Course Code: US913</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 369</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6/H7 in four subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a Language (English or Irish).
		<b>Modules at a glance:</b> Engineering Science, Mechanics, Materials and Processing, Engineering Workshop, Drawing and CAD, Communications and Computer Applications, Mathematics.
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> <li>• JL Goor Scholarship</li> <li>• Ultrapolymers Scholarship</li> </ul>
<i>* For progression to Level 8: Applicants must have a Bachelor of Engineering in Polymer and Mechanical Engineering or a Level 7 qualification in a related engineering discipline.</i>		
<b>Contact Details:</b> Prof. Austin Coffey, Course Leader   Tel: 090 646 8000   Email: Austin.Coffey@tus.ie		

## What is this course about?

Polymer and Mechanical Engineering provides students with a detailed understanding of the fundamental principles of polymers. Students develop skills to allow them to apply core polymer engineering principles to the design and development of polymer products and medical device components. Students develop their skills and knowledge working alongside experienced lecturers. Our strong industrial links allow our students to acquire hands-on experience with the industry they will be working in through industrial tours and teaching and learning based on current industry practices.

Engineering education at TUS is heavily practical based. Approximately 50% of your time will be spent in state-of-the-art laboratories developing your practical engineering skills, and the other 50% will be spent on engineering theory and its application.

## Why study this course?

The courses are designed to meet the demand for highly skilled graduates with training in mechanical engineering fundamentals, emphasising specific technologies and methodologies associated with polymer engineering. Polymer engineering is a core skillset that many employers in the medical device/ health care sector look for in graduates. Other industries that polymer engineering is highly sought for are automotive, aerospace, packaging, electronics, construction, textiles, energy and chemical sectors.

The polymer/medical devices sector in Ireland is thriving and is recognised as one of the fastest developing in the world. More than 250 companies are currently developing and manufacturing a diverse range of medical devices and diagnostic products. The sector employs a highly skilled workforce – over 45% of employees in the medical device sector are qualified to graduate or postgraduate level.

Students complete a paid six-month placement from January to June in 3rd year. The work placement may be done in Ireland or abroad. Placements are readily available across the medical devices, pharmaceutical and broader advanced manufacturing sectors. Companies include Boston Scientific, Medtronic, Harmac, Trend, and Bausch and Lomb.

## What can I do after this course?

Upon completed of this course, you can expect 100% job securement within six months. This degree course is designed to equip graduates with skill sets that are relevant and essential to emerging industrial technologies. Graduates can expect to find employment as Polymer Engineers, Mechanical Engineers, and Product Development Engineers.

# Automation and Robotics

Bachelor of Engineering (Honours)		
Level 8	< >	<b>Course Code: US916</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 318</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).
		<b>Modules at a glance:</b> Electrical Power Systems and Machines, Robotic Vision and Interaction, Enterprise Networks 4, Industrial Control 4, Manufacturing Automation, Connected Devices, Robotic Programming, Motion and Tooling.
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> <li>• Scholarship opportunities</li> </ul>
		<i>* For progression to Level 8: Applicants must have a Bachelor of Engineering in Automation and Robotics or Bachelor of Engineering in Mechatronics or a Level 7 qualification in a related discipline.</i>
<b>Contact Details: Cian Bregazzi-Nevin, Course Leader   Tel: 090 6441890   Email: Cian.BregazziNevin@tus.ie</b>		

## What is this course about?

Robotic and automation solutions are revolutionising sectors such as manufacturing, healthcare, and transport. This course is designed to equip learners with the specialist knowledge and wide range of hands-on practical skills at the cutting edge of instrumentation, robotics, process control and industrial automation to pursue a career in this dynamic and evolving field. Students on the course will work in bright, modern laboratories with the very latest in automation and robotic technology.

- Explore robotic cells and automation systems incorporating an array of industry leading sensors, vision systems and multi axis robots.
- You will develop your problem-solving skills and reasoning techniques.
- You will work on topic-specific problems, both as part of a team and as an individual and develop your lifelong learning and interpersonal skills.
- You will have the opportunity to complete a six-month industrial placement in your third year. Students work alongside engineers in robotics companies undertaking real world automation tasks as part of a larger team.
- Gain valuable work experience by completing an industry based final year project in an automation and robotics field.
- You will develop an ethical awareness with regard to the engineering profession and environment.

## Why study this course?

Engineers with skills in this area are now in very high demand in the manufacturing sector. Many companies are struggling to fill their required positions due to a shortage of graduates. As more and more companies adopt robotics and automation the requirement for engineers in this area is set to increase. If you are a motivated person with a creative and curious mind, and are interested in engineering, robotics and how things work, then Automation and Robotics could be for you. With our €38 million engineering building TUS is ideally placed to take you to the next level.

## What can I do after this course?

Your specialised knowledge of automation and robotics can lead to direct employment in the manufacturing industry. Graduates will find employment in the manufacturing sector generally, across a broad range of industries, such as the medical device, electronics, agricultural and pharmaceutical sectors. Typical jobs include automation engineering, process development, fault-finding, as well as working in multi-disciplinary teams in a modern manufacturing environment.

# Design Engineering

Bachelor of Technology (Honours)		
Level 8	< >	<b>Course Code: US812</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 432</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of six Leaving Certificate subjects at Grade O6/H7, to include the subjects English OR Irish AND the subject Mathematics. In addition, applicants must present at least two subjects at grade H5. Minimum of O4 or H7 in Mathematics.
		<b>Modules at a glance:</b> Design Processes and Practices, Engineering Principles, Advanced Manufacturing, Emerging Technologies.
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> </ul>
<b>Contact Details: Deaglán Campbell, Course Leader   Tel: 090 646 8000   Email: Deaglan.Campbell@tus.ie</b>		

## What is this course about?

The Bachelor of Technology in Design Engineering combines the creativity embedded in the process and practice of design with the innovative engineering capabilities to utilise advanced manufacturing and emerging technologies.

The course will equip students with skills and aptitudes that will elevate their potential to conceive innovative solutions to real world problem statements. They will also be equipped with the technical abilities to fully develop and deploy these meaningful design solutions across a wide range of technological outputs. This integrated approach of creativity coupled with analytical and technological techniques makes for an adaptable future facing graduate.

## Why study this course?

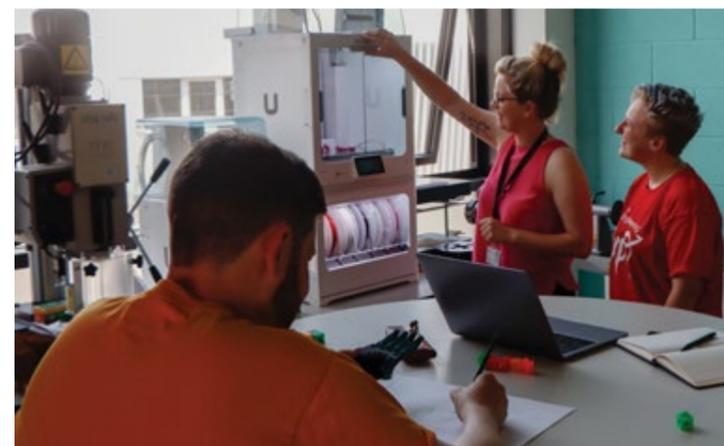
Ireland has a vibrant industrial community of advanced manufacturing engineering companies. This course looks to respond to the demand of this community, where there is a specific need for design engineers who can create innovative solutions to future problems through design thinking that is appropriately coupled with knowledge of how to bring these solutions to completion.

If you are passionate about problem solving through 'blue-sky' creative thinking, but also want the capabilities to produce and realise real-world- ready design outcomes, this course will meet those needs whilst also embedding the fundamental design and technological processes to get you there. The problems you work on and the solutions you develop can have a tangible impact on people's lives. Whether you are designing a life-saving medical device or developing sustainable energy solutions, your work can make a positive difference in society, which can be immensely rewarding and impactful.

Industry feedback consistently identifies the enhanced employability of graduates capable of combining creativity with abilities to follow proven development processes and deploy technical skills. Design Engineering requires a combination of technical skills, such as computer-aided design and manufacture (CAD/CAM), prototyping, and simulation, as well as strong analytical and problem-solving abilities.

## What can I do after this course?

This course is designed to better position our graduates for an exciting career of engineering solutions to future design challenges. Design Engineers are in high demand for competitive salaries and job opportunities from SMEs to large-scale multinational corporations. They play a key role and are often sought by industries that prioritise innovation through product development. The typical duties of a design engineer may include, product design, Computer-Aided Design (CAD), and engineering prototypes to manufactural products.



# Hospitality and Tourism



Scan the QR code to learn more about our Hospitality and Tourism courses.

Year 1	Year 2	Year 3	Year 4
US932 Hospitality Management (with International Placement)			
US793 Business Studies with Event Management			Add-On Business Studies with Event Management
US942 Business Studies with Event Management			
US630 Culinary Arts		Culinary Arts	

Courses and Progression

## Level 8 Courses

### US932 Hospitality Management (with International Placement)

Bachelor of Arts (Honours) Ab-Initio

### US942 Business Studies with Event Management

Bachelor of Business (Honours) Ab-Initio

## Level 7 Courses

### US793 Business Studies with Event Management

Bachelor of Business

## Level 6 Courses

### US630 Culinary Arts

Higher Certificate

# Hospitality Management (with International Placement)

Bachelor of Arts (Honours)		
Level 8	< >	Course Code: US932
	🕒	Duration: 4 Years
	📄	CAO Points 2024: 273
	📍	Location: Athlone Campus
	🎓	Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects. One of the six subjects presented must include English.
		<b>Modules at a glance:</b> Culinary and Restaurant Operations, Wellness and Wellbeing in Hospitality, Hospitality Event Management, Talent Acquisition and Development, Marketing, Rooms Division, Revenue Management, Food Safety and Environmental Management.
		<b>Class Contact Hours:</b> 23 hours per week
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Work Placement</li> </ul>
		<b>Note:</b> Additional fees are required for TUS uniforms including safety shoes and other materials in the first week of college.
<b>Contact Details:</b> Dr. Emma Reardon, Head of Department   Tel: 090 6471894   Email: Emma.Reardon@tus.ie		

## What is this course about?

The Bachelor of Arts (Honours) in Hospitality Management is an exciting four-year full-time degree course with an overseas work placement in Year 3. This placement opportunity and internationally recognised degree will open various exciting career opportunities for you, in Ireland and abroad.

This course aims to provide students with the knowledge, practical skills, and competencies necessary for a successful career in hospitality management. You will study the full suite of topics related to managing hospitality at the highest level, including bar, restaurant, front office and food and beverage management. The Department provides dedicated support with all work placements embedded within this four-year degree, including assisting students in finding opportunities and ensuring their industry experiences are positive and rewarding. Students will also experience industry-specific guest speakers and field trips in Ireland and abroad.

## Why study this course?

A noteworthy feature of choosing to study Hospitality Management at TUS is our state-of-the-art facilities in an exclusive building on the TUS Athlone Campus that enriches an applied learning experience for our students. These include:

- Two large-scale production kitchens
- Specialised pastry kitchen
- Three individual teaching kitchens
- 120-seat lecture and culinary demonstration theatre
- Large open-plan reception area
- Bright and contemporary 100-seater training restaurant
- Training bar & café
- Food preparation and larder area
- Four Vertical Aeroponic Tower Gardens
- Dedicated garden area including a polytunnel and wormery

## What can I do after this course?

Your specialist knowledge of hospitality management will lead to a variety of exciting career opportunities, for example, below are some routes our graduates have pursued: Hotel Management, Operations Management, Food and Beverage Management, Rooms Division Management, Hotel Revenue and Finance, Marketing, Human Resources, Event Management.

Successful graduates of this course are eligible for Level 9 and 10 postgraduate courses within TUS or elsewhere. Examples include but are not limited to postgraduate courses in hospitality, tourism, events, or business.



# Business Studies with Event Management

Bachelor of Business (Honours)	
<b>Level 8</b>	<p><b>Course Code: US942</b></p> <p><b>Duration: 4 Years</b></p> <p><b>CAO Points 2024: 251</b></p> <p><b>Location: Athlone Campus</b></p> <p><b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 &amp; 4 O6/H7 grades in six Leaving Certificate subjects including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i></p> <p><b>Modules at a glance:</b> On the Level 8 &amp; Level 7 degrees, students will study: Event Planning, Creative Event Design &amp; Production, Delegate &amp; Safety Management, Marketing (incl Digital), Food &amp; Beverage Studies, Business &amp; Financial Planning, Human Resource Management, Personal Development &amp; Employability Preparation, Academic Research &amp; Writing.</p> <p><b>Class Contact Hours:</b> 20 hours per week</p> <p><b>Other Information:</b></p> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement/Study Abroad in Year 3</li> <li>• Mature Applicants</li> </ul> <p><b>Note:</b> Additional fees are required for TUS uniforms including safety shoes and other materials in the first week of college.</p>
<b>Level 7</b>	<p><b>Course Code: US793</b></p> <p><b>Duration: 3 Years</b></p> <p><b>CAO Points 2024: 251</b></p> <p><b>Location: Athlone Campus</b></p> <p><b>Progression to Level 8: Yes (Add-on)</b></p> <p><b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i></p>
<p><b>Contact Details:</b> Dr. Emma Reardon, Head of Department   Tel: 090 6471894   Email: Emma.Reardon@tus.ie</p>	

## What is this course about?

The events sector includes thousands of companies, contractors and freelancers that create, manage and support concerts, festivals, sports events, other cultural experiences, conferences, trade shows, marketing events, brand activations, product launches and exhibitions. It is estimated to contribute more than €3.5 billion to the Irish economy annually and directly employs 35,000 people. Event management requires an eye for detail, effective teamwork and a thorough understanding of the many technical, logistical, and creative factors that make up successful events. Offering a balance of theoretical and practical learning that explores the latest trends and practices in event management, this course equips you with the practical skills to coordinate the interconnected aspects of the process from pre-event planning and design to post-event debriefing and evaluation, and to progress to leadership roles in the events sector. During your studies, you will plan and stage real events, thereby experiencing the kind of work you may pursue after graduation. Work placement is a key component of the course and there is a full semester of work placement and/or the option to study at one of our partner universities across Europe, as well as regular field trips and guest lectures.

## Why study this course?

Business Studies with Event Management includes both the creative and business aspects of event management. During your studies, you are encouraged and facilitated to further develop your creativity and also acquire strong business know-how. By combining technical event management skills with business competencies, you can work and progress your career in a wide range of event-related settings.

## What can I do after this course?

Graduates will find a diverse range of career opportunities both in Ireland and abroad and they can expect to find employment in a variety of event, marketing, public relations and entertainment enterprises, including arts and music festivals, charitable non-profit organisations, community development organisations, conference and convention centres, event management agencies, hotels, multinational companies, national and regional tourism organisations, public relations firms, public sector organisations, sports and leisure centres. Graduates of the Level 7 degree can progress to the 4th year of the Level 8 honours degree.

# Culinary Arts

NEW COURSE

Higher Certificate in Arts	
<b>Level 6</b>	<p><b>Course Code: US630</b></p> <p><b>Duration: 2 Years</b></p> <p><b>CAO Points: New for 2025</b></p> <p><b>Location: Athlone Campus</b></p> <p><b>Progression to Level 7: Yes (Bachelor of Arts (Level 7 Add-On) Culinary Arts)</b></p> <p><b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6 grades in the Leaving Certificate examination. One of the six subjects presented must include English.</p> <p><b>Modules at a glance:</b> Fundamental Culinary Practice; Nutrition and Menu Planning; Contemporary Artisan Patisserie and Bakery; Hospitality Cost Control; Food Safety and Environmental Management; Classical and Contemporary Cuisine.</p> <p><b>Class Contact Hours:</b> 23 hours per week</p> <p><b>Other Information:</b></p> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Work Placement</li> </ul> <p><b>Note:</b> Additional fees are required for TUS uniforms including safety shoes, knives and other materials in the first week of college.</p>
<p><b>Contact Details:</b> Dr. Emma Reardon, Head of Department   Tel: 090 6471894   Email: Emma.Reardon@tus.ie</p>	

## What is this course about?

The Higher Certificate (Level 6) in Culinary Arts is a dynamic course which aims to provide students with the knowledge and skills necessary for a career in the food and/or culinary sector. The practical nature of this course will provide students with the necessary competencies and knowledge required of culinary professionals to succeed in a range of businesses. This course is also suitable for individuals who wish to advance in their current position.

Students will also have the opportunity to achieve the following external accreditations:

- Environmental Health Officers (EHA) Food Safety Level 2 Certificate – Food Handlers
- Environmental Health Officers (EHA) Food Safety Level 3 Certificate – Head Chefs & Hospitality Managers
- Pre-Hospital Emergency Care Council (PHECC) First Aid Responders Certificate

## Why study this course?

The course is taught in our modern facilities on the TUS Athlone Campus which include:

- Two large-scale production kitchens
- Three individual teaching kitchens and a specialised pastry kitchen
- 120-seat lecture and culinary demonstration theatre
- Bright and contemporary 100-seater training restaurant
- Licenced training bar
- Large open-plan reception area
- The Department also boasts a polytunnel, a wormery, a hydroponic propagator and vertical aeroponic tower gardens.

## What can I do after this course?

Our graduates have proven to be highly employable across a wide range of industries, not just within the food and/or culinary sector, both in Ireland and abroad. Recent Higher Certificate in Culinary Arts graduates have entered employment in roles such as:

- Hotels and restaurants
- Food marketing and product development
- Pastry and confectionery
- Food/Culinary Entrepreneurship

Upon successful completion of the Higher Certificate in Culinary Arts, students can progress, if eligible, to the third year of our Bachelor of Arts (Level 7) in Culinary Arts.

Contact us to learn more about our Hospitality, Tourism & Leisure Taster Sessions at Athlone Campus.

# Information Technology and Software



Scan the QR code to read more about our Information Technology and Software Courses

Year 1	Year 2	Year 3	Year 4
US713 Software Design with Virtual Reality and Gaming			<b>Add-On</b> Software Design with Virtual Reality & Gaming
US821 Software Design with Virtual Reality and Gaming			
US715 Software Design with Digitalisation			<b>Add-On</b> Software Design with Digitalisation
US823 Software Design with Digitalisation			
US712 Software Design with Artificial Intelligence for Cloud Computing			<b>Add-On</b> Software Design with Artificial Intelligence for Cloud Computing
US822 Software Design with Artificial Intelligence for Cloud Computing			
US714 Computer Engineering			<b>Add-On</b> Computer Engineering
US917 Computer Engineering			
US711 Computer Engineering with Network Infrastructure			<b>Add-On</b> Computer Engineering with Network Infrastructure
US824 Computer Engineering with Network Infrastructure			
US829 Computer Engineering for Robotics			
US918 International Software Design (with International Placement)			

Courses and Progression

## Level 8 Courses

**US821 Software Design with Virtual Reality and Gaming**  
Bachelor of Science (Honours) Ab-Initio

**US823 Software Design with Digitalisation**  
Bachelor of Science (Honours) Ab-Initio

**US822 Software Design with Artificial Intelligence for Cloud Computing**  
Bachelor of Science (Honours) Ab-Initio

**US917 Computer Engineering**  
Bachelor of Engineering (Honours) Ab-Initio

## US829 Computer Engineering for Robotics

Bachelor of Engineering (Honours) Ab-Initio

**US918 International Software Design (with International Placement)**  
Bachelor of Science (Honours) Ab-Initio

## Level 7 Courses

**US713 Software Design with Virtual Reality and Gaming**  
Bachelor of Science

**US715 Software Design with Digitalisation**  
Bachelor of Science

**US712 Software Design with Artificial Intelligence for Cloud Computing**  
Bachelor of Science

**US714 Computer Engineering**  
Bachelor of Engineering

**US711 Computer Engineering with Network Infrastructure**  
Bachelor of Science

# Software Design with Virtual Reality and Gaming

Bachelor of Science (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US821</b>
	🕒	<b>Duration: 4 Years</b>
	📄	<b>CAO Points 2024: 289</b>
	📍	<b>Location: Athlone Campus</b>
	🎓	<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).
<b>Modules at a glance:</b> Digital Media, Mathematics for Software Design, Software Development, Web Development, Game and Virtual Reality, Agile Methodologies, Digitalisation for Connected Devices, Communications, Computer Applications.		
<b>Other Information:</b> • QQI FET/FETAC Applicants • Work Placement		
<b>* For progression to Level 8:</b> Applicants should hold a BSc in Software Design with Virtual Reality and Gaming or an equivalent Level 7 qualification.		
Bachelor of Science		
<b>Level 7</b>	< >	<b>Course Code: US713</b>
	🕒	<b>Duration: 3 Years</b>
	📄	<b>CAO Points 2024: 226</b>
	📍	<b>Location: Athlone Campus</b>
	➔	<b>Progression to Level 8: Yes (Add-on)*</b>
	🎓	<b>Entry Requirements: Leaving Certificate:</b> Grade O6 at ordinary level in 5 subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).
<b>Contact Details:</b> Dr. Enda Fallon, Head of Department   Tel: 090 6471877   Email: Enda.Fallon@tus.ie   Mr. John Barrett, Course Coordinator   Email: John.Barrett@tus.ie   Dr. Mark Daly, Course Coordinator   Email: Mark.Daly@tus.ie		

## What is this course about?

Software development is an enormous growth area in ICT engineering. Over 900 software companies are currently in operation in Ireland employing more than 24,000 people. Ireland's reputation as a centre of software excellence is unrivalled in Europe. It is home to multinational and indigenous firms generating €16 billion of exports annually. The sector's wide-ranging activities include software development, R&D, business services and EMEA/International headquarters.

Game development is one of the fastest growing sectors in the entertainment industry. Annual video games sales are approximately €30 billion and are expected to rise to €40 billion in the next four years. The value of the computer games industry worldwide is in excess of €85 billion and it is an area with enormous potential for development. Last year, there was global investment of over €3 billion in Virtual Reality (VR) and Augmented Reality (AR) industries. It reflects the exciting potential to provide immersive environments in gaming and movies that were not possible before now. Our VR and Gaming specialisation prepares you to work as a software developer in these fast-paced industries.

## Why study this course?

As a student on this course, you'll work with the latest tools and technologies to enhance your skillset. Software development languages, tools and methodologies provide the backbone of this course. These skills are critical to following a career in the game development industry but they also have widespread application across many domains.

As part of your adventure in software design you will have the opportunity to work in industry both locally and abroad on our work placement programme. This gives you relevant working experience and valuable contacts in the industry before you graduate. If you decide to travel abroad on your placement our excellent International Office will set you up with one of our partner institutes across Europe and Asia. The world really is your oyster.

## What can I do after this course?

Students graduating from this course will be in a position to take up careers as game developers, software designers, database programmers and administrators, and technical salespersons. Employers include: Ericsson, Valeo, Cisco, Avaya (Nortel), SAP, Hewlett-Packard, Google, Microsoft, IBM, Riverdeep, as well as financial institutions and SMEs.

# Software Design with Digitalisation

Bachelor of Science (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US823</b>	<b>Modules at a glance:</b> Mathematics for Software Design, Communications, Web Development, Software Development, Computer Applications, Digital Media, Digitalisation for Connected Devices, Agile Methodologies.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 300</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Bachelor of Science</b>			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> </ul> <p><i>* For progression to Level 8: Applicants should hold a BSc in Software Design with Digitalisation or an equivalent level 7 qualification.</i></p>
<b>Level 7</b>	< >	<b>Course Code: US715</b>	
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 243</b>	
		<b>Location: Athlone Campus</b>	
		<b>Progression to Level 8: Yes (Add-on)*</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade O6 at ordinary level in five subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details:</b> Dr. Enda Fallon, Head of Department   Email: Enda.Fallon@tus.ie   Tel: 090 6471877   Mr. Tom Bennett, Course Coordinator   Email: Tom.Bennett@tus.ie			

## What is this course about?

Driven by the increasing availability and affordability of digital technologies, digitalisation, enabled by the internet of things promises significant business opportunities across the industry sector. Internet revolutions are leading to the internet of everything (IoE) scenario by connecting people, processes, data, and things for improved value creation.

The shift towards digitalisation has brought about several advantages, including increased efficiency, accuracy, and accessibility of information. One of the most significant benefits of digitalisation is the ability to store and retrieve large amounts of data quickly and easily. This is particularly important for businesses that rely on data to make informed decisions, allowing companies to streamline their processes, reducing costs and increasing productivity.

This course provides a multidisciplinary undergraduate education by developing specific expertise and comprehensive training in the key areas relevant to develop, implement and evaluate digital strategies using the enhanced capability of the Internet of things and connected devices.

The goal is to produce qualified and well-rounded graduates capable of working in a range of IT positions such as programming, system integration and system validation.

## Why study this course?

In recent years, the emergence of next generation internet, mobile ICT, location-based services and the exponential growth of social networking have driven innovation and new revenue streams for firms of all sizes. There are skills shortages for professionals and associate professionals across sectors in many areas of ICT. Ireland is likely to face an average increase in demand for high-level ICT skills of around 5% a year with the employment of ICT professionals anticipated to rise to just over 91,000. Globally, the sector is in the midst of a disruptive growth and innovation phase. This includes the use of mobile devices and technologies, the internet of things (IoT) and the emergence of big data analytics. The shortage of talent in ICT is a global problem. This is due to unprecedented growth and innovation in the sector.

## What can I do after this course?

Students graduating from this course will be in a position to take up careers as software developers, IoT (Internet of Things) designers, UX/UI (user experience/User interface) Design database programmers and administrators, data analytics and data science and technical salespersons. Employers of our graduates include Ericsson, Valeo, Cisco, Avaya (Nortel), SAP, HewlettPackard, Google, Microsoft, IBM, Riverdeep, as well as many financial institutions and SMEs. TUS software graduates work in a wide range of domains including, internet, telecommunications, healthcare, agriculture, IOT and automotive.

# Software Design with Artificial Intelligence for Cloud Computing

Bachelor of Science (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US822</b>	<b>Modules at a glance:</b> Mathematics for Software Design, Communications, Web Development, Software Development, Computer Applications, Digital Media, Agile Methodologies, Digitalisation for Connected Devices (Elective), Game and Virtual Reality (Elective).
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 333</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Bachelor of Science</b>			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> </ul> <p><i>* For progression to Level 8: Applicants should hold a BSc in Software Design with Artificial Intelligence with Cloud Computing or an equivalent level 7 qualification.</i></p>
<b>Level 7</b>	< >	<b>Course Code: US712</b>	
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 270</b>	
		<b>Location: Athlone Campus</b>	
		<b>Progression to Level 8: Yes (Add-on)*</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade O6 at ordinary level in 5 subjects in the Leaving Certificate exam. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details:</b> Dr. Enda Fallon, Head of Department   Email: Enda.Fallon@tus.ie   Tel: 090 6471877   Dr. Declan Byrne, Course Coordinator   Email: Declan.Byrne@tus.ie			

## What is this course about?

Artificial intelligence and cloud computing are closely related technologies. Cloud computing provides the necessary infrastructure and resources for the development and deployment of AI applications.

The overall aim of the course is to develop a high level of intellectual awareness and professional competence in the area of software development, while also acquiring more specific knowledge in the areas of Artificial intelligence and Cloud Computing. The course offers an integrated approach to delivering end to end software development skills, focusing on practical problem-solving skills required by software developers. Course participants will also gain an integrated and critical knowledge of the skills and particular technologies widely used in the industry today.

## Why study this course?

Ireland's reputation as a centre of software excellence is unrivalled in Europe. It is home to multinational and indigenous firms generating €16 billion of exports annually. The sector's wide ranging activities include software development, R&D, business services and EMEA/International headquarters.

According to the Forás Vacancy Overview Report, the most difficult to fill vacancies were for the ICT sector, primarily for professional roles in software development including software developers in the areas of Cloud Computing and Artificial Intelligence.

## What can I do after this course?

Students graduating from this course will be in a position to take up careers as game developers, software designers, database programmers and administrators, and technical salespersons. Typical employers include Ericsson, Valeo, Cisco, Avaya (Nortel), SAP, Hewlett-Packard, Google, Microsoft, IBM, Riverdeep, as well as financial institutions and SMEs.

Successful graduates of this programme are eligible for Level 9 and 10 postgraduate programmes within TUS or elsewhere. Graduates with honours are eligible to apply to join the Master of Science in Software Engineering (level 9).

# Computer Engineering

Bachelor of Engineering (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US917</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 296</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).
		<b>Modules at a glance:</b> Computer Systems Administration, Mathematics, Wireless LANs, Engineering Economics, Networks & IT Infrastructure, Computer System Administration, Enterprise WLANs, Network Operating Systems, Connected Devices, Project.
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> </ul>
<i>* For progression to Level 8: Applicants should hold a BSc in Computer Engineering or an equivalent level 7 qualification.</i>		
Bachelor of Engineering		
<b>Level 7</b>	< >	<b>Course Code: US714</b>
		<b>Duration: 3 Years</b>
		<b>CAO Points 2024: 220</b>
		<b>Location: Athlone Campus</b>
		<b>Progression to Level 8: Yes (Add-on)*</b>
	<b>Entry Requirements: Leaving Certificate:</b> Grade O6 at ordinary level in five subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details:</b> <b>Dr. Enda Fallon</b> , Head of Department   <b>Tel:</b> 090 6471877   <b>Email:</b> Enda.Fallon@tus.ie   <b>Mr. Nigel Flynn</b> , Course Coordinator   <b>Email:</b> Nigel.Flynn@tus.ie		

## What is this course about?

Our courses in Computer Engineering will provide you with the skills necessary for a career in the computer, software and electronics industry. You will develop the necessary theoretical knowledge in areas that are crucial to computer engineering and the skills in computer systems administration and problem-solving.

TUS's Faculty of Engineering and Informatics is housed in one of the most modern and well-equipped facilities of its kind in the country. Lecturers have extensive industry experience which enriches their teaching skills and competencies.

## Why study this course?

Computer engineers play a vital role in the research, design, development and installation of computer hardware and software. Among the areas where computer engineers are employed include the mobile phone industry, gaming, medical devices, cloud technology, smart transport and energy management.

Students will build and test electronic circuits based on the Arduino microcontroller, and configure small networks based on Cisco CCENT. Students gain experience on how a computer works inside the box, based on CompTIA A+. Gain experience with an introduction to Java programming and complete an electronic project.

## What can I do after this course?

Students graduating from this course will be in a position to take up careers as computer engineers in a range of industries. Possible employers include: Google, Microsoft, Dropbox, eBay/ Paypal, Yahoo!, Facebook, Amazon, VMWare, SAP, Ericsson, McAfee.

Successful graduates of this course are eligible for Level 9 and 10 postgraduate courses within TUS or elsewhere. Graduates with honours are eligible to apply to join the Master of Science in Software Engineering (level 9).

# Computer Engineering with Network Infrastructure

Bachelor of Science		
<b>Level 7</b>	< >	<b>Course Code: US711</b>
		<b>Duration: 3 Years</b>
		<b>CAO Points 2024: 270</b>
		<b>Location: Athlone Campus</b>
		<b>Progression to Level 8: Yes (Add-on)*</b>
	<b>Entry Requirements: Leaving Certificate:</b> Grade O6 at ordinary level in five subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a Language (English or Irish).	
		<b>Modules at a glance:</b> Computer Systems, Interface Electronics, Network Infrastructure, Software Development, Mathematics, Electronics Workshop, Communications, Computer Applications, Telecommunications.
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Accreditation</li> </ul>
<i>* For progression to Level 8: Applicants should hold a BEng in Computer Engineering, BSc in Computer Engineering with Network Infrastructure or an equivalent level 7 qualification.</i>		
<b>Contact Details:</b> <b>Dr. Enda Fallon</b> , Head of Department   <b>Email:</b> Enda.Fallon@tus.ie   <b>Tel:</b> 090 6471877   <b>Dr. Roger Young</b> , Course Coordinator   <b>Email:</b> Roger.Young@tus.ie		

## What is this course about?

In today's digital landscape, the importance of networking cannot be overstated, especially with the proliferation of Internet of Things, Cloud Computing, and Smart Manufacturing. These technologies have revolutionized how businesses operate, creating a demand for skilled professionals who can deploy and manage complex network and cloud infrastructures. Reports liken the shift to Cloud as "Climate Change" for IT, emphasizing its transformative impact. However, there is a shortage of professionals equipped with the necessary Network, Cloud, and Software skills, highlighting the significance of specialized education in this field.

This degree at TUS addresses this demand by offering comprehensive modules covering network and cloud infrastructure deployment and management. Students gain proficiency in designing and testing medium-sized scripting applications, data modelling, database design, and handling large datasets for Big Data applications. Additionally, topics such as network management and Software Defined Networking (SDN) are explored to prepare students for the evolving industry landscape.

## Why study this course?

The course goes beyond theoretical learning, emphasizing practical experience through hands-on sessions with physical Network equipment, simulators, and remotely accessed labs. With the support of industry-connected faculty, student tutors, and mentors, students benefit from a well-rounded education in a state-of-the-art facility, including the renowned Software Research Institute (SRI) on campus. Through projects and a final year capstone, students delve into emerging areas like Augmented User Interaction (AR), ensuring they graduate with the skills and knowledge needed to thrive in the dynamic field of computer engineering and network infrastructure.

## What can I do after this course?

As a graduate of this course, you can expect to find employment as a network designer, network system administrator, software roles, technical sales in a range of industries. Potential employers include: Ericsson, Valeo, Cisco, Avaya, SAP, Google, Facebook, Amazon, Microsoft, IBM, intel, VMWare and a range of enterprises from small start-ups to areas such smart manufacturing, transport, healthcare and finance where networks have become key to their operation.

# Computer Engineering for Robotics

Bachelor of Engineering (Honours)			
Level 8	< >	<b>Course Code: US829</b>	<b>Modules at a glance:</b> Mathematics, Software Development, Network Infrastructure, Interface Electronics, Computer Systems, Communication for the Academic Environment, Mathematics, Software Development, Network Infrastructure, Interface Electronics, Computer Systems, Communication for the Academic Environment, Mathematics.
	🕒	<b>Duration: 4 Years</b>	
	CRD	<b>CAO Points 2024: 222</b>	
	📍	<b>Location: Athlone Campus</b>	
	🎓	<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details:</b> Dr. Enda Fallon, Head of Department   <b>Email:</b> Enda.Fallon@tus.ie   <b>Tel:</b> 090 6471877   Dr. Karol Fitzgerald, Course Coordinator   <b>Email:</b> Karol.Fitzgerald@tus.ie			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> </ul>

## What is this course about?

Students interested in the intersection of robotics and software engineering should consider this course for several compelling reasons. Firstly, it offers a comprehensive curriculum that covers essential concepts and techniques in both fields, providing a solid foundation for understanding the complexities of robotic systems and their software integration. Secondly, the course emphasises practical skills and real-world applications, ensuring that students are well-prepared to tackle industry challenges and contribute meaningfully to technological innovation. The inclusion of an industrial placement in the third year further enhances the learning experience by providing students with hands-on experience in a professional setting, allowing them to apply theoretical knowledge to real-world projects and gain valuable industry insights. This invaluable opportunity not only enhances students' employability but also fosters networking opportunities and facilitates the transition from academia to industry.

## Why study this course?

This course offers a blend of innovation and practical application across the disciplines of computer, software and robotics engineering. In today's rapidly evolving technological landscape, robotics stands at the forefront of groundbreaking advancements, revolutionising industries ranging from healthcare to manufacturing. Students gain a unique opportunity to delve into the intricacies of developing intelligent systems that can perceive, reason, and act autonomously.

A degree in robotics, computer and software engineering equips students with highly sought-after skills in programming, artificial intelligence, and machine learning, paving the way for dynamic career opportunities in fields such as robotics research, automation engineering, and autonomous vehicle development. With the potential to shape the future of human-robot interaction and societal transformation, choosing this path offers students an exciting and rewarding journey towards becoming leaders in the realm of technological innovation.

## What can I do after this course?

Graduates of this course are well-prepared for diverse career paths in industries such as robotics manufacturing, automation, artificial intelligence, software development, autonomous vehicles, and more. Potential roles include robotics engineer, software developer, embedded systems architect and automation specialist, among others. The interdisciplinary approach, emphasis on practical skills, and alignment with industry trends this course offers, equips students with the knowledge and expertise to thrive in the rapidly evolving landscape of robotics and software engineering.

# International Software Design (with International Placement)

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US918</b>	<b>Modules at a glance:</b> Software Development, Mathematics for Software Design, Digitalisation for Connected Devices, Web App Development with AI, French, German, Communication for University.
	🕒	<b>Duration: 4 Years</b>	
	CRD	<b>CAO Points 2024: -</b>	
	📍	<b>Location: Athlone Campus</b>	
	🎓	<b>Entry Requirements: Leaving Certificate:</b> Grade H5 in two subjects, plus Grade O6/H7 at ordinary level in four other subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details:</b> Dr. Enda Fallon, Head of Department   <b>Email:</b> Enda.Fallon@tus.ie   <b>Tel:</b> 090 6471877   Dr. Declan Byrne, Course Coordinator   <b>Email:</b> Declan.Byrne@tus.ie			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> </ul>

## What is this course about?

Software is driving the development of new, innovative applications and services that are transforming industries and improving people's lives. The overall aim of the course is to develop a high level of intellectual awareness and professional international based competence in the area of software development. In a sector such as software design the global nature of the industry requires an international focus.

With the adaption of Internet of Things, Software Design has become a critical component of many global industries. Therefore, Software Engineers need to understand the needs and preferences of different cultures and be able to develop software that can be used by people from diverse backgrounds.

The course offers an integrated an internationalised approach to delivering end to end software development skills. The focus is on the practical problem-solving skills required for software developers. Course participants will also gain an integrated and critical knowledge of the skills and particular technologies widely used in the industry today.

## Why study this course?

The benefits of international study for students has long been established within the EU. In Eastern Europe, students who have studied internationally are more than five times (83 %) less likely to experience long-term unemployment than those not participating in the programme. In Southern Europe, former Erasmus+ students are half as likely to experience long-term unemployment compared to those who have not benefited from the Erasmus+ programme. Erasmus+ students in Southern Europe are employed much more frequently even 5-10 years after graduation, with 56% less unemployment.

## What can I do after this course?

There are significant employment and postgraduate progression opportunities for graduates of this course. There is a substantial national and international demand for software design graduates with international experience. Nationally this is driven by the presence of multinational companies including Ericsson, Microsoft, Google, Oracle, IBM and SAP as well as a growing domestic technology sector. The international aspect of this course also provides graduates with international language skills in French and German. Graduates will gain an international cultural perspective as they undertake a semester long placement with our international academic and industrial partners in countries including, France, Germany, Spain, Portugal, Austria, The Netherlands, Belgium and Finland.

Graduates with honours are eligible to apply to join a range of Masters (level 9) programmes at TUS in the areas including software design, artificial intelligence, cloud computing, digitalisation and cyber security. Graduates are also eligible to apply appropriate postgraduate programmes at other third level institutions.





Scan the QR code to read more about our Media, Design & Music Courses

Year 1	Year 2	Year 3	Year 4
US803 Graphic and Digital Design			
US700 Graphic Design			Add-On Graphic & Digital Design
US778 Animation and Illustration			Add-On Animation and Illustration
US802 Animation and Illustration			
US704 Music and Sound Engineering			Add-On Music and Sound Engineering
US809 Music and Sound Engineering			

Courses and Progression

### Level 8 Courses

**US803 Graphic and Digital Design**  
Bachelor of Arts (Honours) Ab-Initio

**US802 Animation and Illustration**  
Bachelor of Arts (Honours) Ab-Initio

**US809 Music and Sound Engineering**  
Bachelor of Science (Honours) Ab-Initio

### Level 7 Courses

**US700 Graphic Design**  
Bachelor of Arts

**US778 Animation and Illustration**  
Bachelor of Arts

**US704 Music and Sound Engineering**  
Bachelor of Science

# Portfolio Assessment

## Digital Portfolio:

Applicants to courses with a portfolio requirement will be required to submit their portfolio online.

### US802 and US778 Animation and Illustration Portfolio Requirement:

#### 1: A MINIMUM OF ONE FULL SKETCHBOOK

Applicants must submit one completed sketchbook. Applicants who have additional sketchbooks may submit up to 5 sketchbooks in total if they wish.

Your sketchbook should include a large amount of observational studies of both humans and animals. These can be quick sketches capturing movement and gestures. These are best submitted within a sketchbook. You can include photographic work, as well as photographs of clay, collage, mixed media, stop motion models/sets and photographs of large pieces of artwork that you cannot fit into the portfolio itself. Storyboards, comic panels and poster design can be included. Please fix the pages together in sequence and clearly label and number them. Your storyboards can show an idea for a short film or advertisement using any style or medium you like to work in. Your sketchbooks can include visual development, concepts and ideas that you have been working on. Show us what interests you and what inspires you to make the work you make from the world around you. Visual exploration and doodling is what your sketchbooks are for!

#### 2: 8-10 PIECES OF COMPLETED ARTWORK

These pieces are your main portfolio of completed work outside of your sketchbook. Try to have a variety of work in this section of your portfolio. Include longer studies of humans, animals, objects or landscapes rather than quick sketches. Take your time to observe and work into these pieces. They can be further developed with colour, tone and texture. Animation can be part of this section.

### Portfolio Submissions:

You must apply through the CAO website. Take note of the course name and the course code. You will receive notification regarding when to submit your portfolio digitally a number of weeks before the assessments. For further information on portfolio requirements please see the FAQ document or contact the Programme Leader, John Peavoy, at email: John.Peavoy@tus.ie

### US700 and US803 Graphic Design Assessment Requirement:

Applicants can choose to be assessed via one of the following options:

1. For assessment, we require that each applicant selects three of their best pieces of work. Each individual piece has a weighting of 200, the work submitted should represent the best traits of the candidate, the work can be in individual or related pieces. If the candidate's strengths are in problem solving, they may submit research as one of the three. Again, work submitted reflects the strengths and personality of the candidate be that in illustration, painting, typography, photography, graphic design or showcase the visual development/research of your work. Photograph your work and save it as a pdf, or email a link to a video of the work or sketchbooks. Preferably, combine the three pdfs into one pdf file for submission.

Or alternatively:

2. Applicants may choose to participate in an applied project, which will be carried out remotely/ electronically. Applicants who choose the applied project option will be issued with the project brief, staff will guide them in the process through workshops and live advice online. The resultant project will subsequently be assessed.

### Mature Applications:

TUS considers applicants who are 23 years or over on 1 January in the year of entry to be mature applicants. Such applicants may not be required to have the minimum entry requirements. However, TUS will look for satisfactory evidence of the applicant's ability to pursue and benefit from the course. Knowledge and skills gained through experiential learning will be taken in account. Such applicants should apply through the CAO system, they will be required to comply with point 1 or 2 above and to attend an interview at the Technological University as part of the selection process.

# Graphic Design

Bachelor of Arts		
<b>Level 7</b>	< >	<b>Course Code: US700</b>
		<b>Duration: 3 Years</b>
		<b>CAO Points 2024: 765*</b> *Points are a combination of Leaving Certificate results and Portfolio Assessment
		<b>Location: Athlone Campus</b>
		<b>Progression to Level 8: Yes (Add-on)</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <b>Note:</b> An F2 in Foundation Level Mathematics will be accepted as meeting the minimum Mathematics requirement. <b>*For all applicants, portfolio presentation is required.</b> For more information see Portfolio Assessment page.
		<b>Modules at a glance:</b> The course comprises of a series of core pillars: Design, Image, Studio Practice, and Visual Culture that advance over the 3 years.
		<b>Class Contact Hours:</b> 24 hours per week
		<b>Other Information:</b> • QQI FET/FETAC Applicants • Mature Students • Work Placement
		<b>*For progression to Level 8: Bachelor of Arts in Graphic Design (Level 7) or equivalent qualification in design will be required for entry to this course.</b>
<b>Contact Details: Tara Cullen, Course Coordinator   Email: Tara.Cullen@tus.ie   Tel: 090 646 8000</b>		

## What is this course about?

The BA in Graphic Design course comprises of a series of core pillars: Design, Image, Studio Practice, and Visual Culture that advance over the 3 years.

- Design** – provides the student with the technical skills, design knowledge and creative expertise to utilise the design process to fulfil design briefs. The pillar facilitates the student to become competent in creating communication systems across multiple platforms and media, including traditional design for print, design for screen, motion, user-interface, and user-experience.
- Image** – is the exploration of visual language where the student learns to communicate and build narratives using illustration, photography, animation, and film.
- Studio Practice** – builds on the personal and professional development of the student within the studio environment, allowing the student to build their profile, grow in confidence and promote themselves as a designer. This is done through live client briefs, collaboration, and work placement.

## Why study this course?

As one of the top graphic design courses in Ireland, the BA in Graphic Design will provide you with a unique and exciting educational experience while learning to become a designer. Built on a legacy of over 40 years of art and design, your creative talents will be nurtured by a team of lecturers who are passionate about their field. You will receive one-to-one tuition from staff who want your experience to be the best and who understand that design learning must be tailored to the student's distinctive creative flair and interests. You'll be encouraged to follow your passion and to develop your design process through research and experimentation. At the same time, you will be exposed to a host of new, exciting disciplines and skills that will enhance your critical and theoretical

thinking to help you advance your skills as a conceptual and strategic graphic designer. Over your design education journey, supported by committed staff, you will grow into a designer with broad knowledge and an informed world view, who can deconstruct communication problems, conceptualise and execute resolutions, and who can articulate and confidently present your creative work. You will have access to staff members with a wide-ranging body of knowledge and experience in both visual communications and fine art practice, both at national and international levels. You are guaranteed one-to-one student/lecturer interactivity in a purpose built environment with your own personal studio space and excellent production facilities.

In year 3, you will undertake a work placement, this first-hand industry experience will give you a valuable insight into the workings and requirements of the industry.

## What can I do after this course?

Graduates enjoy excellent employment prospects in Ireland and overseas, and are employed in graphic design for both print and screen, advertising agencies, publishing houses, printing, the arts, the film and television industries and in teaching roles in second, PLC and third level courses. As a graduate of this ordinary degree, you are eligible to apply to join the add-on Bachelor of Arts (Hons) in Graphic and Digital Design course, subject to end of year results at TUS or related NFQ Level 8 courses at TUS or other third-level institutions.

# Graphic and Digital Design

Bachelor of Arts (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US803</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 761*</b> *Points are a combination of Leaving Certificate results and Portfolio Assessment
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <b>Note:</b> An F2 in Foundation Level Mathematics will be accepted as meeting the minimum Mathematics requirement. Or QQI Level 5 award including a distinction grade in at least three modules. <b>*For all applicants, portfolio presentation is required.</b> For more information see Portfolio Assessment page.
		<b>Class Contact Hours:</b> 24 hours per week (approx.)
		<b>Other Information:</b> • QQI FET/FETAC Applicants • Mature Students • Work Placement
<b>Contact Details: Tara Cullen, Course Coordinator   Email: Tara.Cullen@tus.ie   Tel: 090 646 8000</b>		

## What is this course about?

The BA (Hons) in Graphic and Digital Design comprises of a series of core pillars: Design, Image, Studio Practice, and Visual Culture that advance over the four years.

- Design** – provides the student with the technical skills, design knowledge and creative expertise to utilise the design process to fulfil design briefs. The pillar facilitates the student to become competent in creating communication systems across multiple platforms and media, including traditional design for print, design for screen, motion, user-interface, and user-experience.
- Image** – is the exploration of visual language where the student learns to communicate and build narratives using illustration, photography, animation, and film.
- Studio Practice** – builds on the personal and professional development of the student within the studio environment, allowing the student to build their profile, grow in confidence and promote themselves as a designer. This is done through live client briefs, collaboration, and work placement.
- Visual Culture** – develops the student's understanding of the cultural, social, and historical contexts in which the practice of art and design has evolved and, importantly, how it is essential to the development of the student's studio practice.

## Why study this course?

As one of the top graphic design courses in Ireland, the BA (Honours) in Graphic and Digital Design will provide you with a unique and exciting educational experience while learning to become a designer. Built on a legacy of over 40 years of art and design, your creative talents will be nurtured by a team of lecturers who are passionate about their field. You will receive one-to-one tuition from staff who want your experience to be the best and who understand that design learning must be tailored to the student's distinctive creative flair and interests.

You will be encouraged to follow your passion and to develop your design process through research and experimentation. At the same time, you will be exposed to a host of new, exciting disciplines and skills that will enhance your critical and theoretical thinking to help you advance your skills as a conceptual and strategic graphic designer. Over your design education journey, supported by committed staff, you will grow into a designer with broad knowledge and an informed world view, who can deconstruct communication problems, conceptualise and execute resolutions, and who can articulate and confidently present your creative work. You are guaranteed one-to-one student/lecturer interactivity in a purpose-built environment with your own personal studio space and excellent production facilities.

In year 3, you will undertake a work placement, this first-hand industry experience will give you a valuable insight into the workings and requirements of the industry and inform your learning in year four.

## What can I do after this course?

Graduates enjoy excellent employment prospects in Ireland and overseas and are employed in graphic design for both print and screen, advertising agencies, publishing houses, printing, the arts, the film and television industries and in teaching roles in second, PLC and third level courses.

Contact us to learn more about our Graphic Design Portfolio Workshops at Athlone Campus.

# Animation and Illustration

Bachelor of Arts (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US802</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 874*</b> *Points are a combination of Leaving Certificate results and Portfolio Assessment
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <b>Note:</b> An F2 in Foundation Level Mathematics will be accepted as meeting the minimum Mathematics requirement. <b>*For all applicants, portfolio presentation is required.</b> For more information see Portfolio Assessment page.
<b>Modules at a glance:</b> Animation, Storyboarding, Environment Design, Illustration, Critical and Contextual Studies, Life Drawing, Comics, Concept Art, Book Art.		
<b>Class Contact Hours:</b> Year 1: 20 hours per week Year 2: 20 hours per week Year 3: 18 hours per week Year 4: 16 hours per week		
<b>Other Information:</b> • QQI FET/FETAC Applicants • Mature Applicants • Work Placement		
<b>* For progression to Level 8:</b> Students applying for this Level 8 add-on course are required to have a BA in Animation and Illustration, Level 7 or equivalent qualification. For all applicants, portfolio presentation is required.		
Bachelor of Arts		
<b>Level 7</b>	< >	<b>Course Code: US778</b>
		<b>Duration: 3 Years</b>
		<b>CAO Points 2024: 783*</b> *Points are a combination of Leaving Certificate results and Portfolio Assessment
		<b>Location: Athlone Campus</b>
		<b>Progression to Level 8: Yes (Add-on)</b>
	<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <b>Note:</b> An F2 in Foundation Level Mathematics will be accepted as meeting the minimum Mathematics requirement. <b>*For all applicants, portfolio presentation is required.</b> For more information see Portfolio Assessment page.	
<b>Contact Details: Mr. John Peavoy, Course Coordinator   Email: John.Peavoy@tus.ie   Tel: 090 646 8000</b>		

## What is this course about?

This course is unique to the Athlone campus as no other educational provider offers a course combining both animation and illustration at undergraduate level in Ireland.

Graduates will have the capacity to apply their knowledge and understanding of the fundamentals of illustration and principles of animation to a broad range of areas within the animation and illustration sector in Ireland and internationally. Our students develop the capacity for independent learning as well as producing work collaboratively. Solid analytical and IT-related skills, as well as high levels of critical reasoning through the twin emphasis of both animation and illustration, are vital to creating strong, visually appealing and imaginative artwork. Our students develop the capability of thriving and adapting to the rapidly changing visual culture and world of animated media and illustration.

## Why study this course?

The animation and illustration sectors have become a central component of Ireland's digital and creative economy with increasing career opportunities every year.

## What can I do after this course?

Our graduates have established their own companies and some are working independently on original content. Our graduates carry out a number of roles in animation and illustration production associated with animated films, television production and television advertising. Other specific roles include; background artist, character designer, animator, VFX compositing, scene prep, storyboard artist, comic and graphic novel artist, agency illustrator and production management roles. This course will particularly suit applicants who wish to work in creative industries that value artistic talent, visual awareness and organisational skills.

# Music and Sound Engineering

Bachelor of Science (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US809</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 290</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <b>Note:</b> An F2 in Foundation Level Mathematics will be accepted as meeting the minimum Mathematics requirement.
<b>Modules at a glance:</b> Digital Audio, Audio Electronics, Visual Creation, Interactive Audio, Audio Programming, Acoustic Technology, Acoustics and Sound Perception, Video Game Audio, Sound for Film & TV, Work Experience.		
<b>Other Information:</b> • QQI FET/FETAC Applicants • Work Placement • Capstone Project		
<b>* For progression to Level 8:</b> Applicants should hold a Bachelor Science in Music and Sound Engineering at Level 7, or an equivalent qualification.		
Bachelor of Science		
<b>Level 7</b>	< >	<b>Course Code: US704</b>
		<b>Duration: 3 Years</b>
		<b>CAO Points 2024: 285</b>
		<b>Location: Athlone Campus</b>
		<b>Progression to Level 8: Yes (Add-on)</b>
	<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <b>Note:</b> An F2 in Foundation Level Mathematics will be accepted as meeting the minimum Mathematics requirement.	
<b>Contact Details: Shane Byrne, Course Coordinator   Email: Shane.Byrne@tus.ie   Tel: 090 646 8000   Niall O'Connor, Course Coordinator   Email: Niall.OConnor@tus.ie</b>		

## What is this course about?

On this course you can: Work with industry standard software, computing, and studio and live audio equipment in a variety of dynamic, practical assignments at our state-of-the-art facilities. Gain vital creative industry exposure through multiple work experience modules. Manufacture a mandolin, an acoustic guitar, and acoustic treatments from raw materials at the wood workshop, as well as manufacturing microphones and virtual instruments. Study the core professional development concepts required to work in the creative industry including marketing, entrepreneurship and visual creation.

## Why study this course?

The Music and Sound Engineering course has been developed by TUS lecturing staff along with creative industry professionals to be the quintessential 'Swiss army knife' in this field of study. As a Music and Sound Engineering student, you will be involved in a wide range of industry-specific practical work across all aspects of Sound Engineering, Acoustic Technology, and other professional development studies that are necessities for working in the professional creative industry. This diversity gives graduates a range of real skills and the flexibility required to work in the creative industry, and on completion of the course, you will have assembled an impressive portfolio of industry-related work.

Music and Sound Engineering students have unrivalled access to industry standard equipment and software in state-of-the-art facilities based in one of Ireland's most prestigious Technological Universities, right in the heart of Ireland. Being a musician is not a pre-requisite for entry to the course.

## What can I do after this course?

On completion of the course, you will have experienced the required practical and theoretical knowledge to be able to apply yourself to the positions: Recording Studio Assistant Sound Engineer, Assistant Live Sound Engineer, Assistant Broadcast Sound Engineer for Radio & TV, Foley Artist, Audio Visual Technician, Video Game Audio Technician, Multi-Media Sound Designer, Instrument Manufacturer & Maintenance Technician, Creative Industry Entrepreneur, Assistant Acoustician, Event Coordinator, Audio Coding Developer, Audio Visual Artist, etc. This is not an exhaustive list and graduates might find new niches and positions within the professional creative industry in which to work.

# Nursing, Health and Psychology



Scan the QR code to learn more about our Nursing, Health and Psychology courses.

Year 1	Year 2	Year 3	Year 4
US877 General Nursing			
US878 Mental Health Nursing			
US950 Nutrition and Health Science			
US788 Exercise and Health Science			Add-On Physical Activity and Health Science
US957 Physical Activity and Health Science			
US925 Applied Psychology			
US661 Dental Nursing			

Courses and Progression

## Level 8 Courses

### US877 General Nursing

Bachelor of Science (Honours) Ab-Initio

### US878 Mental Health Nursing

Bachelor of Science (Honours) Ab-Initio

### US950 Nutrition and Health Science

Bachelor of Science (Honours) Ab-Initio

### US957 Physical Activity and Health Science

Bachelor of Science (Honours) Ab-Initio

### US925 Applied Psychology

Bachelor of Science (Honours) Ab-Initio

## Level 7 Courses

### US788 Exercise and Health Science

Bachelor of Science

## Level 6 Courses

### US661 Dental Nursing

Higher Certificate in Science

# Dental Nursing

Higher Certificate in Science		
Level 6	< >	Course Code: US661
		Duration: 2 Years
		CAO Points 2024: 270
		Location: Athlone Campus
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including a laboratory based Science subject, Mathematics and English/Irish.  A limited number of places are available for mature applicants (23 years of age or over on the first day of January on the year of application). Mature applicants must satisfy the minimum entry requirements for the programme and will also be assessed through face-to-face interview.
		<b>Modules at a glance:</b> Clinical Dental Nursing Placement, Clinical Dentistry, Infection Prevention and Control, Dental & Human Anatomy, Health and Safety in Dental Practice and Oral Health promotion.
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Clinical Placement</li> <li>• The Higher Certificate in Science (Dental Nursing) has the approval of the Dental Council of Ireland</li> <li>• All offers will be subject to Garda Vetting. Due to the risk of exposure to infectious agents in the clinical environment all applicants will be required to undertake a Hepatitis B vaccination.</li> </ul>
<b>Contact Details:</b> Kellie O'Shaughnessy, Programme Coordinator   <b>Email:</b> Kellie.OShaughnessy@tus.ie   <b>Tel:</b> 090 646 8018		

## What is this course about?

This course will give you the clinical competence to work as a dental nurse. Students with an interest in teamwork and communication will be supported to assist within a dental team. The dental nursing student will participate in dental placement enabling students to communicate, demonstrate clinical skills, administration duties and problem solve within their scope of practice under the supervision of a registered dentist.

## Why study this course?

Dental nurses play an essential role in the dental practice. They assist the dentist during dental procedures. Their duties include:

- Preparing the surgery and assisting at chairside during dental procedures.
- Infection, Prevention and control procedures including decontamination of dental instruments, equipment and dental surgeries.
- Recording dental charting, maintaining treatment records and assisting with developing dental radiographs.
- Liaising and supporting patients and dental colleagues in the case of a medical emergency and delivering appropriate oral health promotion advice.
- They may also be responsible for administrative duties, such as making appointments and bookkeeping. Employment opportunities include private dental practice, dental hospitals, and the public sector (HSE).

## What can I do after this course?

Many dental nurses progress to Senior Dental Nursing roles and Clinical Dental Nurse managers. Other progressive parts include Dental Nurse Tutor / Educators, Practice Management, Treatment Co-Ordination, Marketing representatives within the dental field and Oral Health Promotion. Further study pathways include; Orthodontic therapy, Dental Hygiene, Sedation training, Radiography, and Dental Implant nursing.

**Note:** TUS uses the Garda Central Vetting Unit (GCVU) to assess the suitability of applicants to this course. This is due to the considerable amount of placements undertaken with children and vulnerable groups in society. Therefore, offers to this course are conditional and could subsequently be withdrawn if applicants do not meet the Garda vetting requirements.

# General Nursing

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US877</b>	<b>Modules at a glance:</b> Anatomy, Physiology and Microbiology, Preparation for Practice (General Nursing), Principles & Practice of General Nursing Care, Clinical Placement (General Nursing), Evidence Based Practice for Healthcare, Psychology and Communication, Care of the Surgical Patient, Anatomy, Physiology and Pharmacology, Primary Health, Maternity, Child and Community, Nursing Sociology and Health, Professional, Legal and Ethical Issues in General Nursing.  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Clinical Placement</li> <li>• Garda Vetting</li> <li>• Professional Recognition</li> </ul>
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 378</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. These subjects must include Mathematics, a Laboratory Science subject and a Language (English or Irish).	
<b>Contact Details:</b> Dr. Laura Dempsey, Programme Coordinator   <b>Email:</b> Laura.Dempsey@tus.ie   <b>Tel:</b> 090 646 3021			

## What is this course about?

This course involves the study of theoretical and practice-based modules. It involves classroom teaching and taught placements in a variety of clinical and non-clinical settings. This honours degree course takes advantage of the various areas of expertise available at the three regional hospitals in the Health Service Executive Midlands area in Tullamore, Portlaoise and Mullingar, throughout the Midlands (Laois/Offaly and Longford/Westmeath) and with private healthcare facilities nationally.

## Why study this course?

Students will undergo a total of 2,925 hours clinical study and 1,740 hours theoretical study across the four year course. Successful completion of the course leads to the award of a Bachelor of Science (Hons) in General Nursing from TUS and registration with the Nursing and Midwifery Board of Ireland. Registration with the Nursing and Midwifery Board of Ireland as a Registered General Nurse (RGN) allows you to work as a general nurse nationally and internationally.

**Note:** TUS uses the Garda Central Vetting Unit (GCVU) to assess the suitability of applicants to this course. This is due to the considerable amount of placements undertaken with children and vulnerable groups in society. Therefore, offers to this course are conditional and could subsequently be withdrawn if applicants do not meet the Garda vetting requirements.

## What can I do after this course?

On completion of the course, you may apply for positions at staff nurse grade within the Irish health care sector and you are also eligible to apply for registration as nurses throughout the EU and further afield.

If you wish to pursue a career in specialist nursing practice upon graduating, you can apply for higher diploma courses in areas such as gerontology, coronary care, intensive care, perioperative care, and accident and emergency nursing. Alternatively, you may choose to pursue advanced studies in nursing education or nursing management.



# Mental Health Nursing

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US878</b>	<b>Modules at a glance:</b> Preparation for Practice (Mental Health Nursing), Anatomy, Physiology and Microbiology, Evidence Based Practice for Healthcare, Clinical Placement (Mental Health Nursing), Principles and Practice of Nursing Care, Anatomy, Physiology and Pharmacology, Professional, Legal and Ethical Issues in Mental Health Nursing, Community Mental Health Nursing, Psychology and Communication, Sociology and Health, Child and Adolescent Mental Health.  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Clinical Placement</li> <li>• Garda Vetting</li> <li>• Professional Recognition</li> </ul>
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 299</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. These subjects must include Mathematics, a Laboratory Science subject and a Language (English or Irish).	
<b>Contact Details:</b> Olivia Corcoran, Programme Coordinator   <b>Email:</b> Olivia.Corcoran@tus.ie   <b>Tel:</b> 090 647 1864			

## What is this course about?

This course aims to enable students to develop knowledge, competencies, attitudes and skills to enable them to function effectively as professional nurses in a healthcare environment providing recovery focused individualised care. The course provides opportunities for development of the fundamental nursing skills and allows the student to adapt these skills to a variety of populations and environments. It will foster and nurture the ethos for the student around the necessity for the continuation of professional development throughout their career.

## Why study this course?

This four-year honours degree is offered with healthcare providers and accredited by the Nursing and Midwifery Board of Ireland (NMBI). The course involves the study of theoretical and practice based modules. Students will be exposed to classroom teaching and Clinical Placements in various areas of expertise available at the three regional hospitals in the Health Service Executive Midlands area in Tullamore, Portlaoise and Mullingar, throughout the Midlands (Laois/Offaly and Longford/Westmeath) and with private healthcare facilities nationally.

The diversity of placement requirements and their geographical spread will mean that regardless of where you live, traveling to clinical placement areas will be required throughout various stages of your nursing or midwifery course. This is to ensure students meet the required clinical instruction, set out by the Nursing and Midwifery Board of Ireland. Students will undergo a total of 2,925 hours clinical study and 1,740 hours theoretical study across the 4 year course. Successful completion of the course leads to the award of a Bachelor of Science (Hons) in Mental Health Nursing from TUS and registration with the Nursing and Midwifery Board of Ireland.

## What can I do after this course?

On successful completion of the course, you can apply to register as a Psychiatric Nurse to the Nursing & Midwifery Board of Ireland (NMBI), the profession's regulatory body. After registration, you will be ready to start work as a qualified Psychiatric Nurse in a variety of clinical settings including hospitals and community mental health facilities.

If you wish to pursue a career in specialist nursing practice upon graduating, you can apply for Taught Postgraduate/MSc courses in specialist areas of Practice within the Discipline of Psychiatric Nursing or progress to Masters by Research/ PhD. Alternatively, you may choose to pursue advanced studies in nursing education or nursing management. You may also apply for positions as a nurse within the Irish health care system and you are also eligible to apply to register as a nurse within the EU and further afield.

**Note:** TUS uses the Garda Central Vetting Unit (GCVU) to assess the suitability of applicants to this course. This is due to the considerable amount of placements undertaken with children and vulnerable groups in society. Therefore, offers to this course are conditional and could subsequently be withdrawn if applicants do not meet the Garda vetting requirements.

# Nutrition and Health Science

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US950</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 287</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of Grade H5 at higher level in two subjects plus a minimum of grade O6/H7 at ordinary level in four other subjects in the Leaving Certificate examination. Two of these six subjects must be Mathematics and a Language (English or Irish).
		<b>Modules at a glance:</b> Students will study a range of modules across the following main themes: Nutrition Science, Changing Behaviour and Promoting Health, Research and Professional Conduct.
		<b>Class Contact Hours:</b> Year 1: 20 hours per week Year 2: 22 hours per week Year 3: 18 hours per week Year 4: 13 hours per week
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> <li>• Garda Vetting</li> <li>• AfN Accredited</li> </ul>
<b>Contact Details:</b> Dr. Aine O'Connor, Programme Coordinator and Lecturer   Email: Aine.OConnor@tus.ie   Dr. Geraldine Cuskelly, Programme Coordinator and Lecturer   Email: Geraldine.Cuskelly@tus.ie   Tel: 090 646 8000		

## What is this course about?

This BSc (Honours) in Nutrition and Health Science course is a unique interfacial degree with an equal emphasis on both nutrition and health science. This course provides an approach to nutrition that is based on the scientific and academic principles of biology, biochemistry, social and public health aspects of human nutrition, as well as encompassing emerging issues such as biotechnology, food sustainability and security. This course develops students, across the disciplines of nutritional science, health promotion, research and practice-based nutrition, to build competencies towards becoming an accredited nutritionist.

## Why study this course?

The primary aim of the course is to develop expertise in nutrition and apply this knowledge and related skills to health science and public health. This synergistic approach to nutrition and health science provides students with a greater understanding of the integration of these elements and the vital role of nutrition in public health and health promotion initiatives.

Core studies include nutrition, food science, nutrition throughout the lifecycle and in health and disease. These are complemented by the behavioural sciences, health policy, research methods, epidemiology and new developments in health in the areas of biotechnology and microbiology are included. In this course, principles related to the primary healthcare service, strategies and methods for promotion and evaluation of health are also explored and evaluated.

The course is underpinned by a strong foundation in the core sciences supporting nutrition and health science, and a rigorous scientific approach is central to the entire course. Graduates develop the capacity for independent learning, critical thinking and reflective and evidence-based best practice as well as problem-solving and teamworking capabilities. These skills, coupled with a strong focus on the semester long work placement component in Year 3 assists graduates in preparing for a successful and productive career in the area of nutrition and health. This degree aligns perfectly with national and international policy to encourage people to live healthier lives. The Athlone campus also has an international track record of undertaking research at a pan-European level into food technologies, food safety, and applied nutrition.

## What can I do after this course?

This course will equip you with the knowledge and skills to work in nutrition communication, public health, the health sector, health promotion, research, the food industry and organisational bodies. This course is accredited by the Association for Nutrition (AfN) and graduates can apply to become Registered Associate Nutritionists.

Many students progress to further study in areas such as dietetics, sports nutrition, health promotion and to PhD programmes in Irish and international universities.

# Physical Activity and Health Science

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US957</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 271</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of Grade H5 at higher level in two subjects plus a minimum of grade O6/H7 at ordinary level in four other subjects in the Leaving Certificate examination. Two of these six subjects must be Mathematics and a Language (English or Irish).
		<b>Modules at a glance:</b> Students will study a range of modules across the following main themes: Physical Activity: Theory; Physical Activity: Practical Application; Nutrition; Health Promotion; Psychology of Behaviour Change & Motivation; Research Methods.
		<b>Class Contact Hours:</b> Year 1: 21 hours per week Year 2: 19 hours per week Year 3: 19 hours per week Year 4: 9 hours per week
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> <li>• Garda Vetting</li> </ul>
<b>Contact Details:</b> Dr. Clare McDermott   Email: Clare.McDermott@tus.ie   Dr. Fiona Skelly   Email: Fiona.Skelly@tus.ie   Tel: 090 646 8000		

## What is this course about?

This course draws upon expertise from psychologists, nutritionists, exercise and sport scientists, and public health professionals to provide you with the knowledge and skills to improve the general health of various sectors of society using exercise courses, physical activity and nutrition.

## Why study this course?

This is a unique course primarily due to the multidisciplinary approach to physical activity and nutrition for public health. No other course within the Republic of Ireland produces graduates with a comparable in-depth knowledge of both physical activity and nutritional interventions, while bringing together the social, behavioural, biological and biomedical sciences to facilitate the development and improvement of existing interventional techniques.

Being physically active and having a healthy diet are important for people of all ages to maintain their health and wellbeing. As the number of people with diseases associated with physical inactivity and poor nutrition increases, the roles of exercise, physical activity and dietary behaviour in health promotion are gaining more importance. If you would like to be part of the national and local effort to improve the health and wellbeing of this country, then this is the course for you.

## What can I do after this course?

There are several career pathways open to you as a graduate of this degree. These include employment with health and fitness centres/GP exercise referral schemes, as physical activity co-ordinator/administrators (within the LSP/HSE or other bodies), as health promotion co-ordinators within large multinational companies based in Ireland, within hospitals/primary care centres as physical activity and health officers, as community wellness course co-ordinators, health promotion consultants/policy officers, as exercise and physical activity co-ordinators for active retirement groups, youth services/clubs groups, special needs groups.

Many students progress to further study in areas such as health promotion, nutrition, psychology and exercise physiology. Students also successfully progress to doctoral level research undertaking PhDs in TUS and other Universities across Ireland and internationally.

# Exercise and Health Science

Bachelor of Science		
	< >	<b>Course Code: US788</b>
	🕒	<b>Duration: 3 Years</b>
	CRD	<b>CAO Points 2024: 241</b>
	📍	<b>Location: Athlone Campus</b>
	→	<b>Progression to Level 8: Yes (Physical Activity and Health Science)</b>
🎓	<b>Entry Requirements: Leaving Certificate:</b> A minimum of Grade O6 at ordinary level in 5 subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).	
	<b>Modules at a glance:</b> Students will study a range of modules across the following main themes: Physical Activity: Theory; Physical Activity: Practical Application; Nutrition; Health Promotion; Psychology of Behaviour Change & Motivation; Research Methods.	
	<b>Class Contact Hours:</b> Year 1: 21 hours per week Year 2: 19 hours per week Year 3: 19 hours per week	
	<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> <li>• Garda Vetting</li> </ul>	
<b>Contact Details:</b> Dr. Mairead Cantwell, Programme Coordinator and Lecturer   <b>Email:</b> Mairead.Cantwell@tus.ie   <b>Tel:</b> 090 646 8000		

## What is this course about?

This course is designed to produce specialists in behaviour change across all aspects of health but most specifically in exercise/physical activity and nutrition. Across Ireland and worldwide, many people have poor lifestyles and are at risk of developing ill health. A lack of physical activity and poor dietary habits are risk factors for chronic disease but equally these are entirely modifiable behaviours. This course focuses on developing graduates who can promote the adoption of healthier lifestyle habits through effective, sustainable and multi-layered interventions.

This is a unique course for those interested in exercise prescription, exercise rehabilitation, nutrition, health promotion and public health. The course includes a 24-week practical work placement where students will gain applied experience in a variety of real-world settings, reflective of potential job opportunities.

## Why study this course?

This course will include contributions from physical activity, nutrition, sports science and behaviour change specialists. Students will learn in small class groups, ensuring greater access to equipment and training and applied experience of knowledge generated. Students will also be transitioned into the requirements of education at third level, and their generic skills will be developed throughout the course to support greater employability.

## What can I do after this course?

Studying Exercise and Health Science will provide students with the appropriate qualifications for many career options, all requiring expertise to help people at an individual, community and population level to make favourable lifestyle changes. This may include working as an exercise rehabilitation specialist, a physical activity/sports promotion or development officer, a physical activity/ health promotion specialist in the HSE, a wellness professional, working with general community groups/ organisations as well as with specialist populations, such as youth groups, socially disadvantaged/minority groups, older adults and disability groups.

Graduates will also be eligible to pursue further study at undergraduate level and can progress to the Level 8 (Add On) in Physical Activity and Health Science in the Department of Sport and Health Sciences at TUS.

# Applied Psychology

Bachelor of Science (Honours)		
	< >	<b>Course Code: US925</b>
	🕒	<b>Duration: 4 Years</b>
	CRD	<b>CAO Points 2024: 420</b>
	📍	<b>Location: Athlone Campus</b>
	🎓	<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).
	<b>Modules at a glance:</b> Foundations of Contemporary Psychology, Introduction to Research, Biological Bases of Behaviour 1: Exploring the Brain, Personal and Professional Development, Descriptive Statistics and Computing, Child and Adolescent Development, Experimental Design, Applied Social Psychology.	
	<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Work Placement</li> <li>• PSI Course Accreditation</li> <li>• Industry Links</li> </ul>	
<b>Contact Details:</b> Dr. Noelin Fox   <b>Email:</b> appliedpsych.midlands@tus.ie   <b>Tel:</b> 090 646 8000		

## What is this course about?

Psychology is the scientific study of the human mind and behaviour. It examines how we think, feel, act and interact with other people. You will develop skills in research, problem-solving, critical thinking and analysis, communication and professional development. If you are interested in similar types of questions, then this course is likely to be relevant to you.

Our course is an Applied Psychology course meaning we ensure that we have embedded practical elements into our course. We have a semester long work placement in 3rd year as well as a focus on small group workshops (e.g., counselling skills workshops, Applied Psychology Experimental labs, inferential statistics labs and many more). We also have practical assessment throughout the course with a mix of applied continuous assessment and final exams.

The course will be relevant to anyone wishing to pursue a longer-term career in psychology. It is also an ideal stepping stone to post-graduate study either within psychology or in other areas of social science.

## Why study this course?

Our BSc in Applied Psychology is accredited by the Psychological Society of Ireland (PSI). The Psychological Society of Ireland is the national professional body for psychology and psychologists in the Republic of Ireland.

On successful completion of the 4-year degree on the Athlone campus, students can apply for entry into postgraduate programmes in Psychology. Only PSI accredited undergraduate degrees allow you to progress to postgraduate training in Psychology (e.g., Doctorate in Clinical Psychology, Counselling Psychology and Educational Psychology). This degree confers eligibility for graduate membership of both the PSI and the British Psychological Society. Therefore, students who complete our degree are also eligible for any postgraduate courses that require BPS accreditation.

## What can I do after this course?

A degree in psychology can lead to a comprehensive list of careers, including roles in education, health, forensics, sport, HR management, and business. The broader skills learned, such as critical thinking, communication, teamwork and research – are also desirable for employers in a wide range of sectors. Graduates who decide not to continue further training in psychology will find that a primary degree in psychology is a valuable qualification. It combines high levels of literacy and numeracy, experience in working both individually and within teams, as well as analysing data and carrying out research.

Successful graduates of this course are eligible for Level 9 and 10 postgraduate programmes within TUS or elsewhere. It is important to note that, graduates wishing to undertake a professional career in psychology (e.g. in clinical psychology, educational psychology, occupational psychology, counselling psychology or other specialised areas) must pursue further postgraduate study in psychology.

# Science



Scan the QR code to learn more about our Science courses

Year 1	Year 2	Year 3	Year 4
US731 Biotechnology			Add-On Biotechnology
US861 Biotechnology			
US733 Pharmaceutical Sciences (Drug Development and Analysis)			Add-On Pharmaceutical Sciences
US866 Pharmaceutical Sciences			
US865 Pharmacology			
US862 Microbiology			
US867 Bioveterinary Science			
US738 Veterinary Nursing			Add-On Applied Bioscience
US660 Pharmacy Technician		Add-On Pharmacy Technician	

Courses and Progression

## Level 8 Courses

- US861 Biotechnology**  
Bachelor of Science (Honours) Ab-Initio
- US866 Pharmaceutical Sciences**  
Bachelor of Science (Honours) Ab-Initio
- US865 Pharmacology**  
Bachelor of Science (Honours) Ab-Initio
- US862 Microbiology**  
Bachelor of Science (Honours) Ab-Initio
- US867 Bioveterinary Science**  
Bachelor of Science (Honours) Ab-Initio

## Level 7 Courses

- US731 Biotechnology**  
Bachelor of Science
- US733 Pharmaceutical Sciences (Drug Development and Analysis)**  
Bachelor of Science
- US738 Veterinary Nursing**  
Bachelor of Science

## Level 6 Courses

- US660 Pharmacy Technician**  
Higher Certificate in Science

## Add-on Courses

- Applied Bioscience (Add-on)**  
Bachelor of Science (Honours)
- Pharmacy Technician (Add-on)**  
Bachelor of Science

# Biotechnology

Bachelor of Science (Honours)			
	< >	<b>Course Code: US861</b>	<b>Modules at a glance:</b> <i>Level 8:</i> Gene Technology, Biochemistry, Microbial Genetics, Analytical Techniques, Environmental Biotechnology, Immunotechnology, Cell & Molecular Biology, Bioinformatics, Bioprocess Technology, Modules in Industry Regulations, Research Project. <i>Level 7:</i> Laboratory Practice & Safety, Scientific Issues/Team Based Learning, Microbial Genetics, Biochemistry, Analytical Techniques, Advanced Cell Biology, Applied Genetic Engineering, Immunotechnology, Environmental Biotechnology, Industrial Regulation Module.
	🕒	<b>Duration: 4 Years</b>	
	📄	<b>CAO Points 2024: 324</b>	
	📍	<b>Location: Athlone Campus</b>	
	🔧	<b>Entry Requirements: Leaving Certificate:</b> A minimum of grade H5 in two Higher level subjects plus a minimum of grade O6 in four Ordinary level subjects in the Leaving Certificate examination. Two of these subjects must include Mathematics and a Language (English or Irish).	
Bachelor of Science			
	< >	<b>Course Code: US731</b>	<b>Class Contact Hours:</b> 22 - 24.5 hours per week (depending on year)
	🕒	<b>Duration: 3 Years</b>	
	📄	<b>CAO Points 2024: 320</b>	
	📍	<b>Location: Athlone Campus</b>	
	➔	<b>Progression to Level 8: Yes (Add-on)</b>	
	🔧	<b>Entry Requirements: Leaving Certificate:</b> A minimum grade of O6 in five subjects in the Leaving Certificate examination. Two of these subjects must include Mathematics and a Language (English or Irish).	
<b>Contact Details:</b> Dr. Donal Eardly, Department of Pharmaceutical Sciences and Biotechnology   <b>Email:</b> Donal.Eardly@tus.ie   <b>Tel:</b> 090 6468000   Dr. Mary Booth, Department of Pharmaceutical Sciences and Biotechnology   <b>Email:</b> Mary.Booth@tus.ie			

## What is this course about?

Biotechnology is the study and manipulation of molecules, genes, cells and whole organisms to invent and develop tools that benefit humankind and have commercial value.

Biotechnology is a dynamic and evolving discipline centered on Cell and Molecular Biology, Genetic Engineering and Genome Sequencing, that integrates the natural sciences with engineering to deliver products and services.

## Why study this course?

Biotechnologists have made significant contributions to the 'smart economy' in areas such as healthcare, agriculture, the food industry and the environment. They have discovered new ways to diagnose, treat and prevent disease, repair and replace damaged organs, create biofuels and bioplastics, grow crops with better yields, drought and pest resistance, and remove toxic environmental contaminants.

Biopharmaceuticals are novel medicines developed out of the study of biotechnology and represent about half of all the medicines produced worldwide. Ireland is a leading producer of these biopharmaceutical drugs, with nine out of the 10 largest biopharmaceutical companies in the world located here. This makes biopharmaceutical production one of our largest exports, and among the country's best options for a prosperous economic future.

The biopharmaceutical sector is a vibrant employment market for graduates studying biotechnology courses and most of our graduates go on to work in this dynamic and thriving professional environment. The BSc (Honours) Degree in Biotechnology from TUS Midlands in Athlone is designed (through targeted modules and local work placement) to train graduates to pursue careers in this industrial sector, and/or to pursue further education to post-graduate level in highly specialised areas within biotechnology.

## What can I do after this course?

Typical areas of employment include pharmaceutical and biopharmaceutical companies, medical technology and medical device companies, research institutions (academic and industrial), agriculture and crop production companies and industries working in areas such as biodegradable plastics, biofuels, environmental monitoring and clean-up.

Graduates from the BSc (Hons) in Biotechnology will be academically prepared to enrol on a research degree course (MSc/PhD) in TUS, or any other third-level institution. Graduates will also be qualified to undertake a variety of taught MSc courses including the MSc Biopharmaceutical Technology and the MSc in Pharmaceutical and Chemical Analysis in TUS Midlands. Graduates may also apply to the Teaching Council for admission to Post Graduate in Education courses for the teaching of second level Junior Certificate Science and Leaving Certificate Biology.

# Pharmaceutical Sciences

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US866</b>	<b>Modules at a glance:</b> Transferable skills, Analytical techniques; Dosage form design, Pharmaceutical synthesis, Pharmaceutical spectroscopy, Pharmaceutical biotechnology, Work Placement, Metals in medicine, Drug discovery and Product Development, Pharmaceutical Technology.
	🕒	<b>Duration: 4 Years</b>	
	CRD	<b>CAO Points 2024: 280</b>	
	📍	<b>Location: Athlone Campus</b>	
	🎓	<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Contact Details: Jim Roche   Email: Jim.Roche@tus.ie   Dr. Noreen Morris   Email: Noreen.Morris@tus.ie   Tel: 090 646 8001</b>			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> <li>• Accreditation</li> </ul>

## What is this course about?

This is an ideal course for students interested in a career in the pharmaceutical industry, delivering synthetic, formulation, analytical, and transferable skill sets. It combines enabling know-how across a range of methodologies critical to the successful development of marketable therapeutics. In supporting a strong local cluster of drug substance, drug product, diagnostic reagent, and medical device manufacturing, we regularly consult with companies to maintain the currency of our course provision. Lecturers combine teaching expertise with industry experience. Many of our faculty have worked in the pharma industry and continue to maintain active contacts in this space. Our courses in pharmaceutical sciences are designed to meet the growing demand for scientists to service the current and emerging pharma industries in Ireland generally and the Midlands.

## Why study this course?

This unique APS-internationally accredited course provides the essential information and skills required for employment in the pharmaceutical sector. Given the wide range of disciplines required in driving modern manufacturing approaches, this multidisciplinary course covers chemical based and next generation biotech-based therapeutics and their formulation into safe and effective medicines of high and durable quality.

The pharmaceutical sciences are typically concerned with methods and techniques to minimise toxicity and optimise therapeutic efficacy, maximize product yield, how to circumvent difficulties with drug absorption or unwanted distribution and premature inactivation or elimination. It also explores which new generation technologies such as nano-encapsulation and stimuli-sensitive polymers are most suitable to achieve beneficial drug delivery. The core experience across the modules is the exploration of the structure-property relationships of drugs and pharmaceutical materials. Using sophisticated apparatus and instrumentation, our graduates will develop the skills that will give them a range of career options.

In addition, we will help to grow the interpersonal attributes required for you to interact with colleagues from other disciplines. The continued growth and prosperity of the pharmaceutical industry in Ireland is highly dependent on the generation and attraction of skilled graduates.

## What can I do after this course?

Graduates may expect to find rewarding careers and well-remunerated positions in the pharmaceutical and fine chemicals sector, whether in an API/biologic drugs plant or in a finished drug product manufacturing facility. A substantial cohort are employed in analytical services, or in the related sectors of diagnostics' manufacture and polymer characterisation. A number of graduates have been successful in securing roles in highly skilled technical services; others have found jobs in regulatory affairs where they interface with national, EU or other international state bodies such as the US FDA in support of marketing authorisation applications from their employer. Graduates have also obtained sought-after roles in research (whether leading to a higher degree (up to QQI level 10, PhD) here or at another university), in industry, or in the wider public service, such as forensics and environmental monitoring.

## Accreditation

The Academy of Pharmaceutical Sciences (APS) is the UK-based professional membership body for Pharmaceutical Scientists. TUS is currently the only Irish APS-accredited institution for its BSc (Hons) in Pharmaceutical Sciences. US866 is also recognised for professional graduate admission to the Institute of Chemistry of Ireland (GradICI).

# Pharmaceutical Sciences (Drug Development and Analysis)

Bachelor of Science			
Level 7	< >	<b>Course Code: US733</b>	<b>Modules at a glance:</b> Transferable skills, Analytical techniques; Dosage form design, Pharmaceutical synthesis, Pharmaceutical spectroscopy, Pharmaceutical biotechnology.
	🕒	<b>Duration: 3 Years</b>	
	CRD	<b>CAO Points 2024: 222</b>	
	📍	<b>Location: Athlone Campus</b>	
	➔	<b>Progression to Level 8: Yes (Add-on)</b>	
<b>Entry Requirements: Leaving Certificate:</b> Minimum grade O6 at Ordinary level in five subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a Language (English or Irish).			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> </ul>
<b>Contact Details: Jim Roche   Email: Jim.Roche@tus.ie   Dr. Noreen Morris   Email: Noreen.Morris@tus.ie   Tel: 090 646 8001</b>			

## What is this course about?

This course provides the essential information and skills required for employment in the modern pharmaceutical sector. Students acquire operational knowledge of the development of chemical based and next generation, biotech-based therapeutics and their formulation into safe and effective medicines of high and durable quality. Using sophisticated apparatus and instrumentation, you will develop the bench and analytical skills that will give you a range of career options. In addition, we will help to grow the interpersonal skills required for you to interact with colleagues from other disciplines.

## Why study this course?

This is an ideal course for students interested in a career in the pharmaceutical industry delivering synthetic, formulation, analytical, and transferable skill sets. It combines enabling know-how across a range of methodologies critical to the successful development of marketable therapeutics. In supporting a strong local cluster of drug substance, finished product pharmaceutical, diagnostic reagent, and medical device manufacturing, we regularly consult with companies to maintain the currency of our course provision.

In addition, we will help to grow adaptable, interpersonal attributes required for you to interact and engage effectively with colleagues from other disciplines. Of particular note, during semester two of Year 3 students avail of the incorporated, Work Placement, typically within the facility of a host industrial partner. Such undergraduate real-world, relevant experience is uniquely transformative for an individual learner and key for the provision of work-ready graduates.

## What can I do after this course?

A number of graduates have been successful in securing highly skilled roles in the pharmaceutical laboratory or technical services. Previous graduates have also obtained desirable roles in research (industrial or leading to a higher degree) in colleges or the wider public service such as forensics and environmental monitoring. Others are currently employed in agriculture, food, polymers and beverage concerns. Many graduates progress to programmes of further study such as year 4 of the BSc (Hons) in Pharmaceutical Science in TUS.



# Pharmacy Technician

Higher Certificate in Science		
Level 6	< >	<b>Course Code: US660</b>
		<b>Duration: 2 Years</b>
		<b>CAO Points 2024: 252</b>
		<b>Location: Athlone Campus</b>
		<b>Progression to Level 7: Yes (Add-on)</b>
		<b>Entry Requirements: Leaving Certificate:</b> Grade O6 at ordinary level in 5 subjects in the Leaving Certificate to include a laboratory-based Science subject, Mathematics and a Language (English or Irish).
		<p><b>Modules at a glance:</b> Responding to Symptoms, Pharmacy Calculations and Measurements, Human Anatomy and Physiology for Healthcare, Chemistry for Healthcare 1, Fundamentals of Pharmacology, Learning for Healthcare, Pharmacy Legislation and Administration, Formulation and Compounding, Community Pharmacy Practice, Clinical Pharmacy and Therapeutics I, Chemistry for Healthcare 2, Human Anatomy and Physiology for Healthcare 2, Hospital Pharmacy Practice, Professional Practice.</p> <p><b>Other Information:</b></p> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Professional Placement</li> <li>• Garda Vetting</li> </ul>
<b>Contact Details: Diane Patterson, Programme Coordinator   Email: Diane.Patterson@tus.ie   Tel: 090 646 8001</b>		

## What is this course about?

The main aim of this course is to provide you with the appropriate multi-disciplined skills and theory to enable you to play a key role in both community and hospital pharmacies.

In addition to lectures, the course contains a strong practical element and you spend twenty weeks of placement in total in year two in a community and hospital pharmacy. This placement is organised by TUS and is deemed to be enormously beneficial to your employment prospects. One of our unique elements of this course is the provision of a first aid qualification within the professional development module.

## Why study this course?

TUS Athlone has been to the fore in developing higher education opportunities to degree level for pharmacy technicians. The course is delivered in an attractive, modern facility, situated on TUS Athlone's East Campus.

A pharmacy technician plays a central role in the smooth operation of today's pharmacy, by supporting and assisting the pharmacist in their various activities. Pharmacy technicians are employed in both the private sector in community and private hospital pharmacies and by the HSE in hospital pharmacies.

## What can I do after this course?

Graduates from this Higher Certificate may apply to join the BSc in Pharmacy Technician at TUS.

Graduates may also consider progressing into related disciplines of study such as pharmacy and pharmaceutical research; they may apply to other Universities in Ireland and the United Kingdom to undertake this learning.

Employment prospects for pharmacy technicians are excellent. Work opportunities exist in community and hospital pharmacies nationwide.

# Pharmacy Technician (Add-on)

Bachelor of Science		
Level 7	< >	<b>Course Code: Add-on</b>
		<b>Duration: 1 Year</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements:</b> Students applying for entry on this course must have successfully completed the Higher Certificate Level 6 qualification in Pharmacy Technician Studies or equivalent in TUS or another University.*
	<i>*Applicants maybe be required to undertake an interview to satisfy entry criteria where places are oversubscribed.</i>	
		<p><b>Modules at a glance:</b> Clinical Pharmacy &amp; Pharmaceutical Care, Placement, Research Project, Advanced Pharmacy Skills, Medicines Management, Clinical Governance &amp; Ethics, Pharmacy Research Methods, Aseptic Practices, Pharmacy Purchasing and Sales and Applied Entrepreneurship.</p> <p><b>Other Information:</b></p> <ul style="list-style-type: none"> <li>• Professional Placement</li> <li>• Garda Vetting</li> </ul>
<b>Contact Details: Diane Patterson, Programme Coordinator   Email: Diane.Patterson@tus.ie   Tel: 090 646 8001</b>		

## What is this course about?

The primary aim of the BSc Pharmacy Technician course is to advance the skills and knowledge of the qualified pharmacy technician. Furthermore, it seeks to enable the graduate to use their skills as a pharmacy technician to promote pharmacy practice in the area of pharmaceutical care of the patient. Ultimately, the course provides additional skills to the pharmacy technician in the areas of clinical pharmacy, medicines management, purchasing, clinical governance, ethics and aseptic practices. This will enable the graduate to consider career development in additional areas.

## Why study this course?

Students will attend lectures Monday to Wednesday and attend pharmacy placement on Thursday and Friday throughout the academic year. Placement is organised by TUS in conjunction with the student. As well as placement, students will undertake a capstone project which allows them to delve into the research world for the first time. Participation in conferences, poster competitions and lectures by guest speakers from the pharmacy industry will ensure that students are well grounded in all areas of work available to pharmacy technicians.

## What can I do after this course?

Employment and progression opportunities lie in the following areas: pharmacy management, medicines management, sales, clozapine clinics, pre-operative clinics, anti-coagulation clinics and in accredited checking.

As a graduate of this degree, you may be eligible to pursue a Level 8 qualification in a health science domain, for example, health management.



# Pharmacology

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US865</b>	<b>Modules at a glance:</b> Pharmacology through Team Based Learning (TBL), Microbiology, Human Anatomy, Physiology and Pathophysiology, Practical Pharmacology, Anti-infective and Anticancer Drugs; Drugs and Diseases, Neuropharmacology, Toxicology, Contemporary Issues in Pharmacology, Research Project.  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> </ul>
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 305</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 in two higher level subjects, Grade O5 in Mathematics at ordinary level, plus three subjects at Grade O6 at ordinary level. Subjects to include a language (English or Irish).	
<b>Contact Details:</b> Dr. Natasha McCormack, Department of Pharmaceutical Sciences and Biotechnology   <b>Email:</b> Natasha.McCormack@tus.ie   <b>Tel:</b> 090 646 8001			

## What is this course about?

Pharmacology is the branch of science concerned with the study of how drugs interact with cells, tissues, and organisms. Pharmacology has the potential to treat or prevent disease and to discover and distribute new therapies to help people lead longer and healthier lives. This exciting four-year course aims to produce graduate pharmacologists with an understanding of the impact of drugs on the human body as well as the drug discovery and the development process. The pharmaceutical industry in Ireland is thriving and is dependent on skilled graduates. This course is designed to meet those requirements.

## Why study this course?

This course promotes the development of flexible interpersonal skills essential for effective interaction and engagement with colleagues in the working world. This is achieved through the implementation of team-based learning strategies in specific modules.

Notably, in the second semester of Year 3, students have the chance to engage in an integrated Placement, usually hosted by an industrial partner. This hands-on, real-world experience is exceptionally transformative for individual learners and plays a pivotal role in preparing graduates with practical skills for work and research. In Year 4, students in the course also take part in a research project and have the option to take part in one of the yearly regional conferences organized by the Science Undergraduate Research Experience (SURE) Network.

## What can I do after this course?

On completing the BSc (Hons) in Pharmacology degree course, the following career avenues and sectors are available to you: Pharmaceutical companies, Toxicologist, Clinical Research Associate (CRO), Health Products Regulatory Authority (HPRA), Biotechnology sector, Chemical safety and toxicology, MSc/PhD and a career as a medical or a life-science research scientist, Higher Education sector, Professional Masters in Education (PME), Graduate Medicine/Veterinary. Successful graduates of this course are eligible for Level 9 and 10 postgraduate courses within TUS or elsewhere.

# Microbiology

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US862</b>	<b>Modules at a glance:</b> Learning and Development for Higher Education, Information Technology for Scientists, Chemistry for Bioveterinary and Microbial Sciences, Biology for Bioveterinary and Microbial Sciences, Physics for Chemical and Life Sciences, Mathematics for Scientists, Scientific Computing, Current Scientific Issues.  <b>Class Contact Hours:</b> Year 1: 21.5 hours per week Year 2: 21.5 hours per week Year 3: 14 hours per week Year 4: 18.5 hours per week  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement</li> </ul>
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 308</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 in two higher-level subjects, plus four subjects at Grade O6/H7. Subjects to include Mathematics and a Language (English or Irish).	
<b>Contact Details:</b> Dr. Andy Fogarty   <b>Email:</b> Andy.Fogarty@tus.ie   <b>Dr. Dawn Howard</b>   <b>Email:</b> Dawn.Howard@tus.ie   <b>Dr. Paulina Flannery</b>   <b>Email:</b> Paulina.Flannery@tus.ie   <b>Tel:</b> 090 646 8001			

## What is this course about?

Microbiology is the study of microscopic organisms, known as microorganisms or microbes, that are usually invisible to the naked eye. These microbes which include bacteria, algae, protozoa, fungi, viruses, and prions, are critical to all aspects of life on our planet. The COVID-19 pandemic highlighted the importance of microbiology to our society. The field of microbiology is diverse, which is reflected in sub-disciplines such as medical, veterinary, environmental, food and industrial microbiology. Students therefore have the opportunity to pursue professions in a great variety of roles following graduation.

Several modern scientific disciplines, including genetic engineering, genomics, bioinformatics, microbial biotechnology, immunology, and molecular biology, originated from classical microbiology. Therefore, these disciplines form an integral part of the teaching and research of the Microbiology programme at TUS. An industrial placement during the third year of the course provides an opportunity for students to gain valuable real-world experience and establish direct links with industry.

## Why study this course?

This course will provide graduates with thorough preparation for careers in the biopharmaceutical/medical device industries as well as in the food and environmental sectors, or postgraduate research opportunities. The modules in computational biology and bioinformatics will offer training in DNA and protein sequence analysis, which is not a main focus of other Microbiology courses. This course provides unique opportunities for placement and training e.g., Marine Institute, Teagasc and other companies.

## What can I do after this course?

Graduates from the BSc (Hons) in Microbiology will have career opportunities across several sectors, including food, pharmaceutical, medical device, biotechnological, biorefinery, environmental, pollution control, bioremediation, industrial and wastewater treatment. They can also find work in hospitals, public and animal health laboratories, research institutes, and pharmaceutical companies involved in diagnosing, preventing, and treating illnesses associated with microorganisms. Universities and colleges, in addition to medical, dental and veterinary schools, all require microbiologists as researchers and teachers.

For those interested in further study, typical postgraduate subjects for microbiologists include medical and veterinary microbiology, bioinformatics, biotechnology, environmental microbiology, genetics, and molecular biology. In addition, options such as the Professional Masters of Education (PME) are available for future second-level science teachers.

# Bioveterinary Science

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US867</b>	<b>Modules at a glance:</b> Placement, Analytical Techniques, Animal Nutrition, Bioveterinary Biotechnology, Sustainable Herd Management Strategies.
		<b>Duration: 4 Years</b>	<b>Class Contact Hours:</b> 23 hours per week
		<b>CAO Points 2024: 289</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish).	
<b>Other Information:</b> • Work Placement • QQI FET/FETAC Applicants			
<b>Contact Details:</b> Dr. Olivia Cregg, Programme Co-Ordinator   <b>Email:</b> Olivia.Cregg@tus.ie   Dr. Caitriona Collins, Programme Co-Ordinator   <b>Email:</b> Caitriona.Collins@tus.ie   <b>Tel:</b> 090 646 8001			

## What is this course about?

Bioveterinary science is dedicated to the investigation of life processes and exploring the inter-relationship between living organisms and their environment. It involves an understanding of biota at the level of cells, organisms, populations and ecosystems. Bioveterinary science is subdivided into many specialisms such as animal science, biology, ecology, environmental science, genetics and bioanalysis. This degree emphasises specific technologies, interactions and/or systems (e.g., animal behaviour, biochemistry, biotechnology), or the environments that living organisms inhabit (e.g., ecology, environmental biology).

Students will gain a broad knowledge base of essential facts, major concepts, principles and theories associated with the discipline areas of bioveterinary science. They will engage with current developments in the bioveterinary sciences and their applications, and the philosophical and ethical issues involved. They will also learn strong technical skills and competencies as well as how to analyse and assess data.

Throughout their course, students will apply practical skills including designing, planning, conducting and reporting on investigations through individual or group projects. They will use effective interpersonal and team-working skills including demonstrating an appreciation of the interdisciplinary nature of science and of the validity of different points of view. Students will also learn the need for ethical standards and professional codes of conduct and paying due attention to risk assessment, legislation, relevant health and safety regulations. They will apply numeracy, communications and information technology skills, efficiently self-manage and pursue professional development and think independently, set tasks and solve problems. Lastly, they will deploy appropriate practical and presentational techniques and methodologies including data analysis and the use of statistics to communicate results. A work placement in third year provides students with critical industry experience and opportunities.

## Why study this course?

This is a multidisciplinary degree in science which prepares graduates to pursue a wide range of career options. All of this is designed to produce bioveterinary scientists who play an important part in the promotion of animal and human health and welfare. Bioveterinary scientists may progress to hold a wide variety of positions including in the pharmaceutical, agricultural, or medical research sectors.

Please note that the BSc (Hons) in Bioveterinary Science degree course does not confer eligibility to register with the Veterinary Council of Ireland as either a veterinary surgeon or a veterinary nurse. The degree course is neither designed nor intended as a route to further study in the area of veterinary medicine or veterinary nursing.

## What can I do after this course?

Graduates are well placed to go onto employment in veterinary diagnostics and pharmaceutical research, veterinary, medical and nutritional sales, hospital and forensic laboratory work. Successful graduates of this course are eligible for Level 9 and 10 postgraduate courses within TUS or elsewhere.

# Veterinary Nursing

Bachelor of Science			
Level 7	< >	<b>Course Code: US738</b>	<b>Modules at a glance:</b> Biology for Bioveterinary and Microbial Science, Chemistry for Bioveterinary and Microbial Science, Companion Animal husbandry, Mathematics for Scientists, Veterinary Anatomy and Physiology, Introductory Veterinary Nursing, Ethics and Regulatory Affairs for Veterinary Practice, Veterinary Nursing Placement Preparation, Veterinary Placement.
		<b>Duration: 3 Years</b>	<b>Other Information:</b> • QQI FET/FETAC Applicants • Work Placement • Veterinary Council of Ireland Accreditation
		<b>CAO Points 2024: 390</b>	
		<b>Location: Athlone Campus</b>	
		<b>Progression to Level 8: Yes (Add-on)</b>	
	<b>Entry Requirements: Leaving Certificate:</b> A Laboratory-based Science subject at Grade H6 in higher level or O3 in ordinary level, plus four subjects at Grade O6 at ordinary level, to include Mathematics and a Language (English or Irish). Mature applicants who apply via CAO and who are shortlisted will be required to attend an interview.		
<b>Contact Details:</b> Aisling Flynn RVN, Department of Bioveterinary and Microbial Sciences   <b>Email:</b> Aisling.Flynn@tus.ie   <b>Tel:</b> 090 646 8001   <b>Dr. Meadhbh O'Dowd, DVM</b>   <b>Email:</b> Meadhbh.ODowd@tus.ie   <b>Gina Burke, RVN</b>   <b>Email:</b> Gina.Burke@tus.ie			

## What is this course about?

This established degree course will give you the multidisciplinary skills to play a key role in large animal, small animal and equine veterinary practices. During the three-year degree, you will experience on-farm training in farm animal production and health and safety and undertake compulsory clinical placements in veterinary practices at each stage of your degree.

Work placement will include 30 weeks clinical placement over the 3 years in small animal, equine and large animal hospitals - 8 weeks in first and second year from May to July and a 14 week placement in year 3 during semester 2. You will also be required to spend two residential weeks at Gurteen College, Ballinagarry, Roscrea, Co Tipperary during both first and second year of the degree.

## Why study this course?

Veterinary nursing is an exciting, diverse and challenging career. It is a job that requires a person to have exceptional communication skills, empathy, and logical quick-thinking and problem-solving ability. Some of the daily tasks undertaken by a veterinary nurse in practice include the following:

- Dispensing and administering of medication and fluid therapy
- Performing laboratory diagnostic tests
- Conducting diagnostic imaging
- Assisting in the provision of anaesthetics
- Preparing and assisting for/with veterinary surgical procedures
- Nursing clinics

By undertaking this BSc in Veterinary Nursing course, you will learn to nurse companion animals, equine and farm animals, leaving you well equipped for a broad range of veterinary nursing careers.

The course is accredited by the Veterinary Council of Ireland (VCI) the regulatory body governing veterinary medicine and veterinary nursing in Ireland, and graduates are eligible to enter onto the Register of Veterinary Nurses in Ireland - a requirement which must be met in order to work as a Registered Veterinary Nurse (RVN). The course also has ACOVENE (Accreditation for Veterinary Nurse Education) accreditation. This accreditation is a pan-European quality assurance tool and makes it easier for students from accredited courses to find a job abroad.

## What can I do after this course?

Employment prospects for veterinary nurses in clinical practice are excellent. Graduates are eligible to register as veterinary nurses with the Veterinary Council of Ireland and work in veterinary practices carrying out tasks applicable to veterinary nurses under current legislation. Registered graduates may work with veterinarians in small animal, equine or large animal practices, assisting in the care of animals. Careers in veterinary pharmaceuticals, food and medical/ surgical sales are another career option. As a graduate you are eligible to apply for the BSc (Hons) in Applied Bioscience at TUS.

Graduates of this course have been successful in gaining entry to the five-year veterinary course in the UK and in Europe (Slovakia, Hungary). Many students progress to Masters and PhD courses having used the ladder system within TUS.

# Applied Bioscience (Add-on)

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: Add-on</b>
		<b>Duration: 1 Year</b>
		<b>CAO Points 2024: Add-on</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements:</b> Holders of an appropriate Bachelor of Science qualification in Veterinary Nursing or Agricultural Science, Biotechnology, Toxicology or an equivalent level 7 qualification are eligible to apply to join this course.
<b>Modules at a glance:</b> Agriculture, Land Use and Management, Agricultural Biotechnology, Research Methods, Analytical Toxicology, Food Processing & Safety, Sustainable Herd Management Strategies, Applied Cell Biology, Food & Molecular Microbiology, Environmental Land Use and Management, Research Project.		
<b>Contact Details:</b> Dr. Sean Gerrity, Programme Co-Ordinator   <b>Email:</b> Sean.Gerrity@tus.ie   <b>Tel:</b> 090 646 8001		

## What is this course about?

Students taking this add-on honours degree will study a range of modules directly related to the agricultural, biotech and food industries.

Students will learn the principles and application of herd management strategies, environmental management and land use. Modern applied bioscience technologies are explored through agricultural biotechnology and applied cell biology modules. There is also a focus on food science and processing related to nationally important agricultural industries including beef, dairy and poultry production.

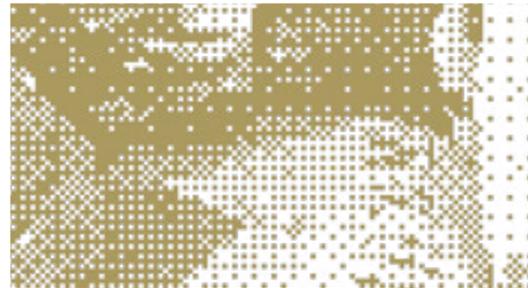
## Why study this course?

Bachelor of Science in Applied Bioscience graduates will have the opportunity to gain employment in a diverse range of scientific roles across various industries.

Small class sizes allow for excellent student and staff interactions and highly engaging course delivery. Throughout the year students will complete a number of field-trips and attend guest seminars delivered by industry experts. Students will also gain valuable hands-on experience working in the laboratory. Students are encouraged to discover their talents and will have the opportunity to undertake an independent research project. This will usually involve spending time in the laboratory where students can develop their lab skills and independent thinking.

## What can I do after this course?

Graduates are well placed to go onto employment in a wide range of areas such as veterinary diagnostics, various pharmaceutical and biopharmaceutical roles, veterinary, validation and quality, technical sales and forensic laboratory work. Successful graduates of this course are eligible for Level 9 and 10 postgraduate programmes within TUS or elsewhere.



# Social Sciences



Scan the QR code to learn more about our Social Science courses

Year 1	Year 2	Year 3	Year 4
US921 Social Care Practice			
US782 Applied Social Studies in Social Care			Add-On Applied Social Studies in Social Care
US926 Early Childhood Education & Care			
US780 Early Childhood Education & Care			Add-On Early Childhood Education & Care

Courses and Progression

## Level 8 Courses

**US921 Social Care Practice**  
Bachelor of Arts (Honours) Ab-Initio

**US926 Early Childhood Education & Care**  
Bachelor of Arts (Honours) Ab-Initio

## Level 7 Courses

**US782 Applied Social Studies in Social Care**  
Bachelor of Arts

**US780 Early Childhood Education & Care**  
Bachelor of Arts

# Social Care Practice

Bachelor of Arts (Honours)		
Level 8	< >	<b>Course Code: US921</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 270</b>
		<b>Location: Athlone Campus</b>
		<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish). <b>Note:</b> A grade F2 in Foundation Level Mathematics will be accepted as meeting the minimum Mathematics requirements for entry to this course. Mature applicants are not required to meet minimum entry requirement. However, an interview may form part of the selection process.
		<b>Modules at a glance:</b> Professional Social Care Practice 1.1, Developing Academic Practice, Group Dynamics, Introduction to Psychology, Fundamentals of Irish Law, Professional Social Care Practice 1.2, Principles of Sociology, Creative Approaches to Social Care 1.2, Introduction to Child Development Psychology.
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Practice Placement</li> <li>• Language Proficiency</li> <li>• Attendance</li> <li>• Fitness to Practice</li> <li>• CORU</li> <li>• Garda Vetting</li> <li>• Professional Recognition</li> </ul>
<b>Contact Details:</b> Dr. Noelin Fox, Head of Department   <b>Email:</b> socsci.midlands@tus.ie   <b>Tel:</b> 090 646 8000		

## What is this course about?

The regulatory body, CORU, has approved this course. Social care is a practice based profession and an academic discipline. This degree will give you a recognised professional qualification in social care and prepare you for the challenging and rewarding role of being a social care worker. Social care workers work with a range of service user groups such as children and adolescents in care, young people considered at risk – juvenile justice, people with disabilities, people who are homeless, people dependent on alcohol/drugs, care of the aged, and families in the community.

Two practice placements, amounting to a total of 800 hours, form an essential part of this four-year course. Practice placements are undertaken in years 2 and 3. Practice placement is where a social care student demonstrates their achievement of the Social Care Standards of Proficiencies (SOP). The Standards of Proficiency set out what you must know, understand and be able to do by the time you have completed your social care course. This course is responsive to the changing landscape of social care practice, this is reflected in our increasing number of placement agencies.

## Why study this course?

Our course is a combination of academic study and assessed practice learning opportunities. We use a variety of innovative teaching methods to support students to acquire the knowledge, skills and values required to practice as a Social Care Worker.

## What can I do after this course?

Social care graduates find employment with a diverse range of employers including The Statutory Sector: the HSE, Tusla (Child & Family Agency), Department of Children, Equality, Disability, Integration & Youth, Education or Justice, The non-governmental sector, for example Brothers of Charity, St Hilda's, Community based organisations and private sector such as private residential and foster care services. Graduates can also proceed to postgraduate study.

# Applied Social Studies in Social Care

Bachelor of Arts		
Level 7	< >	<b>Course Code: US782</b>
		<b>Duration: 3 Years</b>
		<b>CAO Points 2024: 218</b>
		<b>Location: Athlone Campus</b>
		<b>Progression to Level 8: Yes (Add-on)*</b>
		<b>Entry Requirements: Leaving Certificate:</b> Grade O6 at ordinary level in five subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a Language (English or Irish). <b>Note:</b> An FL2 in Foundation Level Mathematics will be accepted as meeting the minimum mathematics requirements for entry to this course. <b>* For progression to Level 8:</b> Applicants should hold a Bachelor of Arts in Applied Social Studies in Social Care (Level 7) or an equivalent Level 7 social care qualification.
		<b>Modules at a glance:</b> Developing Academic Practice, Group Dynamics, Contemporary Social Care Practice 1.1, Introduction to Sociology, An Introduction to Law, Contemporary Social Care Practice 1.2, Developmental Psychology, Disability: Models and Practice, Interactional Approaches to Social Care 1.2, Family and Human Rights Law.
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Practice Placement</li> <li>• Language Proficiency</li> <li>• Attendance</li> <li>• Fitness to practice</li> <li>• CORU</li> <li>• Garda Vetting</li> <li>• Professional Recognition</li> </ul>
<b>Contact Details:</b> Dr. Noelin Fox, Head of Department   <b>Email:</b> Noelin.Fox@tus.ie   <b>Tel:</b> 090 646 8000		

## What is this course about?

The regulatory body, CORU, has approved this course, which offers a wide variety of learning opportunities. Students will acquire the knowledge and skills to support society's most vulnerable children, young people or adults who for a variety of reasons may require support and assistance.

We aim to deliver best practice in our teaching to support students to become competent, confident and professional social care workers. Two practice placements (800 hours) are a central feature of the student's experience during the three-year course. Practice placement is central to learning because it gives social care students an opportunity to gain real-life experience in their chosen field of study.

Students will be supported throughout the placement process and will be allocated placements to meet required CORU proficiencies and the requirements of the course.

## Why study this course?

If you would like to work in a profession that works in partnership with and advocates and cares for individuals or groups who require support, social care will be of interest to you. Social care workers are committed to the planning and delivery of quality care and other support services in partnership with individuals and groups with identified needs. As well as protecting and advocating for individuals and groups, social care workers guide, challenge and support those entrusted to their care toward achieving their full potential.

## What can I do after this course?

This course leads to a qualification which allows graduates to work as a social care worker. It will equip students to find employment in a variety of areas such as residential care, disability services, mental health services, family support services and homelessness services.

Graduates from this course are eligible to apply to progress to TUS Athlone's one-year add-on in Bachelor of Arts (Honours) in Applied Social Studies in Social Care (level 8) course, or a related level 8 course at another third-level institution. Having acquired a level 8 degree, many of our graduates choose to pursue further study at Master's level in TUS by enrolling on the one-year full-time MA in Child & Youth Studies.

# Early Childhood Education & Care

Bachelor of Arts (Honours)	
<b>Level 8</b>	<b>Course Code: US926</b>
	<b>Duration: 4 Years</b>
	<b>CAO Points 2024: 262</b>
	<b>Location: Athlone Campus</b>
	<b>Entry Requirements: Leaving Certificate:</b> Grade H5 at higher level in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a Language (English or Irish). <b>Note:</b> A grade F2 in Foundation Level Mathematics will be accepted as meeting the minimum mathematics requirements for entry to this course.
	<b>Modules at a glance:</b> Principles & Practices of the ECEC Sector, Developing Academic Practice, Introduction to Relational Pedagogy in ECEC, Early Childhood Developmental Psychology, Contexts of Early Childhood, Creative Skills for ECEC, Child Health and Wellbeing 1: Promoting Health and Wellbeing in ECEC, Working Collaboratively with Parents & relevant stakeholders in an ECEC setting, Outdoor Pedagogy, ECEC Social Policy, Introduction to Inclusive Policy & Practice in the ECEC setting.
	<b>Other Information:</b> • QQI FET/FETAC Applicants • Mature Applicants • Practice Placement • Garda Vetting • QAB approved
	<b>* For progression to Level 8:</b> Applicants should hold a Bachelor of Arts in Early Years Care and Education level 7 or an equivalent level 7 qualification.
	<b>Entry Requirements: Leaving Certificate:</b> Grade O6 at ordinary level in five subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a Language (English or Irish). <b>Note:</b> A grade F2 in Foundation Level Mathematics will be accepted as meeting the minimum mathematics requirement for entry to this course.
<b>Contact Details:</b> Dr. Noelin Fox, Head of Department   <b>Email:</b> socsci.midlands@tus.ie   <b>Tel:</b> 090 646 8000	

## What is this course about?

This course has been approved by the Qualifications Advisory Board (QAB). This course introduces students to the dynamic landscape of early childhood education and care. Policy, legislation and practice are currently undergoing unprecedented change. Students will have opportunities to develop knowledge, skills and values to support the holistic development of children from birth to six years. Engagement with academic and theoretical literature, classroom simulated practice, and practice placement in early childhood education and care settings will enable students to develop as reflective educators with abilities to articulate what young children are learning, how they are learning and the pedagogic approach which underpins their knowledge.

Upon completion of this course, students will have developed knowledge and skills to co-construct learning experiences with children in diverse early childhood education and care environments. In addition, they should have the ability to work as part of a team, assume responsibility for decision making, and independently conduct primary and secondary research.

## Why study this course?

The early childhood education and care educator plays a pivotal role in the provision of quality care and education. Early childhood education and care is undergoing rapid change and development in recent times. This course reflects those changes and enables students to engage with the theory and practice of the provision of quality childhood education and care for children from birth to age six. Throughout this course, students will learn how to support children's strengths, interests and abilities, as well as appreciate the role of the family and society in the provision of education and care in their formative years.

## What can I do after this course?

The Early Years Care and Education (ECCE) field in Ireland can look forward to an exciting, dynamic and challenging future. It requires well informed leaders who are competent and confident in terms of education, regulation, policy, advocacy etc. Graduates can expect to find employment as early childhood educators responsible for working directly with young children. Other roles include that of team leader responsible for running an ECEC room and in management roles.

# Sport



Scan the QR code to learn more about our Sport courses

	Year 1	Year 2	Year 3	Year 4
<b>US951 Sports Science with Exercise Physiology</b>				
<b>US956 Athletic and Rehabilitation Therapy</b>				
<b>US952 Sports Management (with International Placement)</b>				
<b>US933 Physical Education Studies</b>				

Courses and Progression

## Level 8 Courses

**US951 Sports Science with Exercise Physiology**  
Bachelor of Science (Honours) Ab-Initio

**US956 Athletic and Rehabilitation Therapy**  
Bachelor of Science (Honours) Ab-Initio

**US952 Sports Management (with International Placement)**  
Bachelor of Business (Honours) Ab-Initio

**US933 Physical Education Studies**  
Bachelor of Arts (Honours) Ab-Initio

# Sports Science with Exercise Physiology

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US951</b>	<b>Modules at a glance:</b> Students will study a range of modules over four years within the following themes: Physiology, Biomechanics, Psychology, Research, Applied Sports Science.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 368</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Minimum of Grade H5 at higher level in two subjects plus a minimum of grade O6/H7 in four other subjects in the Leaving Certificate examination. Two of these six subjects must be Mathematics and a Language (English or Irish).	
<b>Class Contact Hours:</b> Year 1: 22 hours per week Year 2: 22 hours per week Year 3: 21 hours per week Year 4: 17 hours per week			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Work Placement</li> <li>• Garda Vetting</li> </ul>
<b>Contact Details:</b> Dr. Ciarán Ó Catháin, Programme Co-Ordinator and Lecturer   <b>Email:</b> ciaranp.ocathain@tus.ie   <b>Dr. Kris Beattie</b> , Programme Co-Ordinator and Lecturer   <b>Email:</b> Kris.Beattie@tus.ie   <b>Tel:</b> 090 646 8000			

## What is this course about?

This degree combines areas such as performance testing, nutrition, physiology, strength and conditioning and biomechanics. Over the course of four years, you will learn the underpinnings and applied disciplines of sports science, positioning you as a sports scientist who can pursue further study or work in practice with individual athletes, sports teams and general community and clinical groups to enhance participation, performance and health in sport.

Our exciting course ensures students are in touch with relevant issues in sports science with modules on the Female Athlete, The Youth Athlete and High Performance Athletes. A unique part of this course is the semester long work placement undertaken in the summer of third year. This will provide you with valuable experience of the working environment in the sports science and exercise physiology field. In Year 4, students undertake their own bespoke research project and also take part in a newly developed capstone project, which will provide applied field experience while also enhancing student employability in relation to developing leadership skills and discipline specific competencies.

## Why study this course?

The Athlone campus has one of the leading facility provisions for sports science on the island with modern, state-of-the art equipment and teaching spaces including a Sports Science Lab, High Performance Gym, Biomechanics Lab and the International Arena. This four-year BSc (Honours) in Sports Science with Exercise Physiology equips students with the necessary skills to meet the needs of elite athletes as well as the health and fitness requirements of the general population.

## What can I do after this course?

More than 38,000 people are employed in the sports industry in Ireland, with 270,000 volunteers active across all sporting codes. As a graduate of this degree, you will be eligible to pursue employment in areas such as working as an applied sports scientist within sports teams/clubs/organisations, in coach development, sport promotion, and as an exercise is medicine practitioner.

Many students also progress to further study in areas such as physiotherapy, nutrition, psychology, coaching, strength and conditioning, physiology, performance analysis through taught/research programmes.

# Athletic and Rehabilitation Therapy

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US956</b>	<b>Modules at a glance:</b> Students will study a range of modules over four years across the following themes: Anatomy and Musculoskeletal Injuries; Injury Prevention, Treatment and Rehabilitation; Research and Professional Development; Clinical Practice; Sports Science and Psychology.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 484</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Minimum of Grade H5 at higher level in two subjects plus a minimum of grade O6/H7 in four other subjects in the Leaving Certificate examination. Two of these six subjects must be Mathematics and a Language (English or Irish).	
<b>Class Contact Hours:</b> Year 1: 25 hours per week Year 2: 22 hours per week Year 3: 22 hours per week Year 4: 7 hours per week			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• START Clinic</li> <li>• Work Placement</li> <li>• Garda Vetting</li> <li>• Professional Accreditation</li> </ul>
<b>Contact Details:</b> Anna Postawa, Programme Co-Ordinator and Lecturer   <b>Email:</b> Anna.Postawa@tus.ie   <b>Lynn Allen</b> , Programme Co-Ordinator and Lecturer   <b>Email:</b> Lynn.Allen@tus.ie   <b>Tel:</b> 090 646 8000			

## What is this course about?

This course is accredited by Athletic and Rehabilitation Therapy Ireland and graduates can practice as Certified Athletic Therapists.

In Year 1, athletic rehabilitation therapy is introduced as a profession and students will have the opportunity to become involved in the pre-participation screening of injuries in various teams - including collegiate and professional teams. In Year 2, students will be introduced to clinical practice through the student led START clinic and practical placements. In Year 3, students develop applied skills thereby creating the foundation pillars for the clinical practice placement which takes place in the first semester in Year 4. In the final year, the emphasis is on advanced clinical and rehabilitation techniques and a capstone project, designed to assimilate all of the skills acquired by the student throughout the four years of the course, preparing them for the profession of athletic rehabilitation therapy and employment as a professional clinical practitioner.

Pre-hospital Emergency Care Council of Ireland (PHECC) approved first-aid courses are embedded into the course. Students will become certified Cardiac First Responders (CFR) and Emergency First Responders (EFR) by year 2 of this course.

## Why study this course?

The term sports injury refers to the kinds of injuries that most commonly occur during sports or exercise. Some sports injuries result from accidents, others are due to poor training practices, improper equipment, lack of conditioning, or insufficient warm-up and stretching. Although virtually any part of your body can be injured during sports or exercise, the term is usually reserved for injuries involving the musculoskeletal system, including muscles, bones, and cartilage e.g., tennis elbow, runner's knee, breaks to bones, torn ligaments and torn tendons. In this honours degree, students will become skilled in the prevention, assessment, diagnosis, treatment, and rehabilitation of musculoskeletal injuries related to physical activity.

The Athlone campus has one of the leading facility provisions for sport on the island with modern, state-of-the art equipment and teaching spaces including two Rehabilitation labs, Sports Science Lab, High Performance Gym, Biomechanics Lab and the International Arena.

## What can I do after this course?

As a graduate from this course, you may expect to find rewarding careers as a Certified Athletic Therapist in the areas of sports injury clinics, with amateur and professional sports clubs and teams, with national governing bodies of sports associations, and in health and fitness centres or as a self-employed professionals. Following graduation, students can transfer to a wide range of postgraduate courses at both MSc and PhD level, nationally and internationally including pre-reg Physiotherapy programmes.

# Sports Management (with International Placement)

Bachelor of Business (Honours)			
Level 8	< >	<b>Course Code: US952</b>	<b>Modules at a glance:</b> Sports Coaching, Fundamentals of Business and Management, Strength and Conditioning, Coaching Children in Sport, Exercise & Fitness, Lifestyle Development, Facility Management, Digital Marketing, Anatomy & Physiology, and Financial Accounting for the Sport Sector.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 234</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Minimum of Grade H5 at higher level in two subjects plus a minimum of grade O6/H7 in four other subjects in the Leaving Certificate examination. Two of these six subjects must be Mathematics and a Language (English or Irish).	
<b>Class Contact Hours:</b> 23 hours per week			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Work Placement</li> <li>• Garda Vetting</li> </ul>
<b>Contact Details:</b> Dr. Emma Reardon, Head of Department   <b>Tel:</b> 090 6471871   <b>Email:</b> Emma.Reardon@tus.ie			

## What is this course about?

The Bachelor of Business (Honours) in Sport Management (with International Placement) is a dynamic four-year course, that prepares students for diverse roles within business, or the sport and leisure industry. The Department works with students to find rewarding and challenging experiences overseas which will help them develop into leaders and innovators in the business or sports industries.

## Why study this course?

This course offers students a range of industry-based skills and accreditation from the Register of Exercise Professionals (REPS) endorsed fitness instructor, The Royal Life Saving Society UK (RLSS UK) and a Pre-Hospital Emergency Care Councils (PHECC) First Aid Responder qualification. You will also have the opportunity to use the skills you learn and the competencies you develop in work placements that are an integral part of this course.

Over the past 10 years, the TUS Athlone Campus has developed into the premier sports facility in the Midlands. Our campus currently has both indoor and outdoor IAAF-approved running tracks, a FIFA standard AstroTurf pitch, two GAA pitches, a multipurpose sports hall, and a state-of-the-art fitness centre.

## What can I do after this course?

Employment opportunities exist in areas such as recreation, fitness, leisure development, sports coaching, health promotion, and general business. Graduates of this course are eligible for Level 9 and 10 postgraduate courses in business, health promotion, and sports development.



# Physical Education Studies

NEW COURSE

Bachelor of Arts (Honours)			
Level 8	< >	<b>Course Code: US933</b>	<b>Modules at a glance:</b> Athletics, Artistic and Aesthetic Activities, Entrepreneurship in Physical Education and Sports, Outdoor Recreation and Adventure, Curriculum Models for Sport and Physical Education, Coaching Technologies, Coaching & Conditioning, Inclusive Sport and Physical Activity, Aquatic & Water based activities.
		<b>Duration: 4 Years</b>	
		<b>CAO Points: New for 2025</b>	
		<b>Location: Athlone Campus</b>	
		<b>Entry Requirements: Leaving Certificate:</b> Minimum of Grade H5 at higher level in two subjects plus a minimum of grade O6/H7 in four other subjects in the Leaving Certificate examination. Two of these six subjects must be Mathematics and a Language (English or Irish)..	
<b>Class Contact Hours:</b> 20 hours per week			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Work Placement</li> <li>• Garda Vetting</li> </ul>
<b>Contact Details:</b> Dr. Emma Reardon, Head of Department   <b>Tel:</b> 090 6471871   <b>Email:</b> Emma.Reardon@tus.ie			

## What is this course about?

The BA (Hons) in Physical Education Studies aims to equip students with the knowledge, skills, and specific expertise to pursue successful leadership roles in sports-related or business contexts. A key focus of this course is to provide graduates with the knowledge and applied skills to develop, implement and manage inclusive physical activity programmes that promote healthy eating, lifestyle management, and overall wellness.

The modules comprising this study of Physical Education are mapped on the course's key themes of physical activity, lifestyle and wellness, and business. The course includes an integrated work placement or study abroad option and culminates in an applied research consultancy project in the fourth year.

## Why study this course?

The Department of Hospitality, Tourism and Leisure is fortunate to be in a position to embed external industry-specific accreditations into this four-year BA (Hons) in Physical Education Studies, for example:

- Coaching Ireland – Coaching Children in Sport and Physical Literacy Courses.
- Football Association of Ireland (FAI) – Level 1 Kickstart Course.
- EHAI Primary Food Safety Level 2 Course.
- Gaelic Athletic Association (GAA) – Level 1 Coaching Course – Gaelic Football.
- Pre-Hospital Emergency Care Council – First Aid Response.
- Register of Exercise Professionals (REPS) Ireland – Fitness Instruction & Group Fitness.

- Royal Lifesaving Society (RLSS) Pool Lifeguard Qualification.
- Sport Ireland – Safeguarding 1: Child Welfare and Protection Basic Awareness Workshop.
- Active Disability Ireland – Disability Inclusion Training.

## What can I do after this course?

This course equips students with the knowledge, skills, and specific expertise to pursue successful leadership roles in sports-related or business contexts. Community Sport/ Recreation, for example, Community Sports Hub Co-ordinator, Participation and Retention Officer, Regional Development Officer, Physical Activity for Health Officer, Sports Development Officer, Games Development Co-ordinator, Sports Inclusion Disability Officer, Coaching Development Officer. Sports Business/Administration, for example, Director of Operations, Club and Education Support Co-ordinator, Membership Officer, Sports Club Operations and Development Manager.

Students who wish to pursue further education will have a variety of options amongst a range of disciplines which include but are not limited to, the following: Health Promotion, Sports Management, Sports Performance Analysis, Adapted Physical Activity, Leadership in Workplace Health & Wellbeing, Business Management and a Professional Master of Education (PME) in curricular subject areas of Physical Education and Business.

# Limerick School of Art and Design



Scan the QR code to read more about our Art, Design & Media Courses

# Portfolio Assessment



For Portfolio Guidelines, Scan the QR code

Year 1	Year 2	Year 3	Year 4
US702 Creative Broadcast & Film Production			Add-On Creative Broadcast & Film Production
US807 Creative Broadcast & Film Production			
US703 Music Production & Technology			Add-On Music Production & Technology
US808 Music Production & Technology			
US806 Game Art & Design			
US805 Digital Animation			
US810 Visual Effects for TV, Film & Animation			
US811 Interior Design			
US801 Art and Design Teacher Education			
US800 First Year Art and Design (Common Entry)	3 year specialisations following completion of US800 Painting; Print Contemporary Practice; Sculpture and Combined Media; Animation and Motion Design; Ceramics; Fashion Design; Graphic Design Communication		

Courses and Progression

## Level 8 Courses

### US800 First Year Art and Design (Common Entry)

Followed by 3 year specialisations following completion of US800 First Year Art & Design (Common Entry):

- **Painting**  
BA (Honours) in Fine Art
- **Print Contemporary Practice**  
BA (Honours) in Fine Art
- **Sculpture and Combined Media**  
BA (Honours) in Fine Art
- **Animation and Motion Design**  
BA (Honours) in Design
- **Ceramics in Expanding Practice**  
BA (Honours) Ceramics in Expanding Practice

### • Fashion Design

BA (Honours) in Fashion Design with (Collection Design) / (Applied Textiles) / (Technology) or (Sustainability)

### • Graphic Design Communication

BA (Honours) in Graphic Design Communication

### US801 Art and Design Teacher Education

Bachelor of Education (Honours) Ab Initio

### US811 Interior Design

Bachelor of Arts (Honours) Ab Initio

### US807 Creative Broadcast & Film Production

Bachelor of Science (Honours) Ab Initio

### US808 Music Production & Technology

Bachelor of Science (Honours) Ab Initio

### US805 Digital Animation

Bachelor of Science (Honours) Ab Initio

### US806 Game Art & Design

Bachelor of Science (Honours) Ab Initio

### US810 Visual Effects for TV, Film & Animation

Bachelor of Science (Honours) Ab Initio

## Level 7 Courses

### US702 Creative Broadcast & Film Production

Bachelor of Science

### US703 Music Production & Technology

Bachelor of Science

**At Limerick School of Art & Design (LSAD) we celebrate creativity. Our wide range of courses, specialising in everything from fine art, design to digital content creation, are intended to empower creativity in all its forms and produce valued sought-after graduates. Some of our courses ask you, the prospective student, to submit a portfolio of work so that we can reward your creativity, and you can showcase your passions and skills. Your portfolio of work is all about you and can contain creative content from your school or personal life.**

The following courses require applicants to successfully complete a Portfolio for assessment prior to entry:

- **US800 First Year Art and Design (Common Entry)**
- **US801 Art and Design Teacher Education**
- **US805 Digital Animation**
- **US806 Game Art and Design**
- **US810 Visual Effects for Film TV and Animation**
- **US811 Interior Design**

## Digital Portfolio

Applicants will be required to submit their portfolio online. A Digital Portfolio is a digital representation of your creative skills, abilities, interests, and personality. It can include photographs and videos of your physical work, such as, painting, sculptures and fashion items; as well as files containing your digital work, such as, digital art, images, photography, 3D models, designs, videos and animation. Your digital portfolio can also include videos of notebooks containing research, sketches, and exploratory work.

For applicants that include an LSAD course requiring an online portfolio submission on their CAO application, TUS will send applicants an invitation to submit a digital portfolio online (approximately mid to late February) where you can easily upload your images, digital files or videos and answer a few simple questions about your interests and what you included.

The portfolio is scored out of 600 with a minimum score of 240 required to pass, all those who are successful at this stage will be considered for entry. As the number of applicants who are successful after the Portfolio Assessment may be greater than the number of places available, the system of final selection is carried out on the basis of combined points. The portfolio score is added to the Leaving Certificate score (or international equivalent) to rank applicants for the available places.

**PORTFOLIO OPEN DAY**  
**LSAD, Clare Street, Limerick**  
**9th January 2025**

# First Year Art and Design (Common Entry)

Bachelor of Arts (Honours)		
Level 8	< >	<b>Course Code: US800</b>
		<b>Duration: 1 Year, plus 3 years for BA (Honours) Degree</b>
		<b>CAO Points 2024: 785*</b> *Points are a combination of Leaving Certificate results and Portfolio Assessment
		<b>Location: Clare Street Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish. <i>Mathematics is not a subject requirement for this course.</i>  <b>A Portfolio is also required.</b> Applicants will be accepted to Year 1 of the course based on a combination of Leaving Certificate/QQI FET/FETAC results and Portfolio Assessment. The Portfolio will be scored out of 600 with a minimum score of 240 required to pass.  <b>Note:</b> Students will be required to pay an extra €100 for class material fees.
		<b>Modules at a glance:</b> In <b>Semester One</b> , we introduce you to the vocabulary and working methodologies that allows you to engage with the contemporary context of Art and Design in a broad-based Studio Project. Each week your skillset builds as you engage with core studies based on principles of 2D Studies, 3D Studies, Digital Media, Concept Development and Contextual Research. In <b>Semester Two</b> you choose a path that will form the basis of your future career as an artist or a designer. At the end of Semester One, you select three elective specialisations and you get to experience an intensive practical introduction in each. After feedback and tutorial advice on your experiences, you select the area of specialisation, which you will pursue for your final three years. Provisional places are offered in specialised disciplines, based on grade point averages and are made official subject to students successfully passing the Year One course.  <b>Class Contact Hours:</b> 23 hours per week  <b>Other Information:</b> • Portfolio is required • QQI FET/FETAC Applicants • Mature Applicants
<b>Contact Details: Mr. Des MacMahon, Course Leader   Tel: 061 293870   Email: Des.McMahon@tus.ie</b>		

## What is this course about?

The courses at Limerick School of Art & Design (LSAD) aim to assist students to become confident, articulate, informed, creative and expressive practitioners, who will be capable of making significant contributions in their own particular fields of contemporary culture.

The Year One Art and Design (Common Entry) course begins this process by providing students with the necessary stimuli to encourage self-confidence, self-motivation, and an appetite for knowledge, which will drive their creative practice. Year one recognises the wide variety of backgrounds from which we draw students and support ethnic, cultural and gender diversity as being the basis of individual originality.

This course provides students with the necessary skills, vocabulary and contextual knowledge to progress to 2nd year of honours degree studies in one of the following:

- Painting
- Print Contemporary Practice
- Sculpture & Combined Media
- Animation & Motion Design
- Ceramics in Expanding Practice
- Fashion Design
- Graphic Design Communication

LSAD is the largest centre for Art and Design outside of Dublin and has an award-winning reputation both nationally and internationally.

## Why study this course?

Year One Art and Design is a diagnostic year, where students find their niche and can avail of staff guidance to find the discipline they are best suited for in art and design.

## What can I do after this course?

The career path graduates take will depend on the area they specialise in during their 2nd, 3rd and 4th years.

**OPEN DAYS**  
**LSAD, Clare Street, Limerick**  
**17th & 18th October 2024**

# Animation and Motion Design

Bachelor of Arts (Honours) in Animation & Motion Design		
Level 8	< >	<b>Course Code: Add-on</b>
		<b>Duration: 3-year specialisation following US800 First Year Art &amp; Design (Common Entry)</b>
		<b>Location: Clare Street Campus/George's Quay, Limerick</b>
		<b>Entry Requirements:</b> Entry into Animation & Motion Design is by competition and selection during US800 First Year Art & Design (Common Entry).
		<b>Modules at a glance:</b> • Main Study • Critical & Contextual Studies • Placement Practice or Exchange  <b>Main Study includes: Animation:</b> Principles, Skills, Techniques, Classical, Frame by Frame, Digital 2D/3D. <b>Motion Design:</b> Principles, Design for Motion, Design Thinking, Moving Typography, Filmmaking, Branding. <b>Figure Drawing:</b> Fundamentals, Acting for Animation, Costume & Props, Silhouettes, Observational, Perspective. <b>Digital:</b> Drawing for Animation, Illustration for Motion, Design 2D/3D, Experimental, Concept Design. <b>Stop-Motion:</b> Cut-Out, Multiplane, 2D/2.5D/3D, Model-Making, Digital Fabrication. Final Project & Exhibition.  <b>Class Contact Hours:</b> Initially 24 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.  <b>Other Information:</b> • Work Placement/Study Abroad in Year 3
<b>Contact Details: David Phelan, Course Leader   Tel: 061 293870   Email: David.Phelan@tus.ie</b>		

## What is this course about?

This course is a creative mix of Animation and Motion Design disciplines. It is this mix that allows students to blend, develop, and present original visuals and narratives in exciting new ways. The purpose of animation is to entertain and may also inform, while the purpose of motion design is informative but may also entertain. The course nurtures creative individuals with the artistic vision and skills to produce diverse screen content for film, television, streaming platforms, and commercial spaces.

Our course provides students with a platform to develop their ideas, concepts, and skills through challenging creative briefs and exercises. These briefs are structured yet flexible, encouraging a hybrid approach that blends physical and digital art, 2D and 3D elements. Physical art-making is supported, with a focus on creation rather than discovery. Drawing is a fundamental component throughout all years. The course philosophy emphasises developing creative animators and motion designers, focusing on key skills in creativity, ideation, drawing, design, exploration, problem-solving, and collaboration.

## Why study this course?

Our studios, located in the heart of Limerick City, offer a bespoke working environment for our students. To view the diverse range of work produced by our final-year students for their graduate exhibition, visit us at [www.lsadgraduates.ie](http://www.lsadgraduates.ie). For a glimpse of ongoing student projects across our five key areas—Animation, Motion Design, Figure Drawing, Stop-Motion, and Digital – follow us on Instagram @lsadamd.

## What can I do after this course?

Equipped with the language and creative skills to meet the challenge of a cross-disciplinary audio-visual environment, our graduates have gained employment in Ireland's top animation and motion design studios. Job categories for graduates include: 2D Traditional Animator, Motion Designer, Character Animator, Storyboard Artist, Stop-Motion Animator, Compositing Designer, Concept Designer, Digital Media Designer, 2D Background Artist, 3D Animator, Scene Prep Artist.

# Ceramics in Expanding Practice

Bachelor of Arts (Honours) Ceramics in Expanding Practice		
Level 8	< >	<b>Course Code: Add-on</b>
		<b>Duration: 3-year specialisation following US800 First Year Art &amp; Design (Common Entry)</b>
		<b>Location: Clare Street Campus, Limerick</b>
		<b>Entry Requirements:</b> Entry into Ceramics in Expanding Practice is by competition and selection during US800 First Year Art & Design (Common Entry).
		<b>Modules at a glance:</b> <ul style="list-style-type: none"> <li>• Main Study</li> <li>• Critical &amp; Contextual Studies</li> <li>• Placement Practice or Exchange</li> </ul> <b>Main Study includes:</b> hand-building, wheel throwing, plaster model & mould making, slip-casting, glazing & firing, digital design & fabrication, 3D printing & laser cutting, research & design development, drawing & surface, contextual engagement contemporary ceramic practice field trips. professional presentation, concept development, presentation methods, photography, statement writing, web presence, final project & exhibition.  <b>Class Contact Hours:</b> Initially 23 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• Applications will also be considered for Advanced Entry from those with a QQI/FETAC Level 6 qualification (or equivalent) and/or relevant prior learning.</li> <li>• Work Placement/Study Abroad in Year 3</li> </ul>
<b>Contact Details: Ceramics Course Team   Tel: 061 293870   Email: CEPprogrammeleaders@tus.ie</b>		

## What is this course about?

The BA (Hons) Ceramics in Expanding Practice course embraces inclusivity and diversity within contemporary ceramics and encourages innovation and risk taking in the realisation of ceramic and clay work. From functional object to sculpture, art to architecture, figurative to installation, studio to social practice, contemporary ceramics embrace an expanding spectrum of practice, engaging with a wide range of approaches across the fields of art and design.

Ceramics in Expanding Practice has clay at its core but allows for the exploration and combining of other creative materials and processes that are relevant to the development of studio work. Examples include video, sound, lighting, digital fabrication, resins, a range of casting materials, wood, metal and more.

This course nurtures students with a broad range of discipline specific and transferable skills that are grounded in *thinking through making* and the transformative potential of material-based engagement. Students are exposed to an extensive range of creative practice through the combined development of traditional studio skills and digital fabrication technologies, while being supported to innovate and establish their own individual creative voice as the next generation of artists, makers, and designers within this vibrant contemporary field.

## Why study this course?

Ceramics can accommodate a wide range of thinking, expression, designing and making. We are looking for students with enthusiasm for art, materials, problem solving, and the exploration of aesthetics and culture through this amazing material.

## What can I do after this course?

Job categories for graduates include Artist, Designer Maker, Studio Potter, Sculptor, Model Maker, Teacher, Technician, Researcher, Curator, and graduates are involved in a wide range of activities within the culture sector.

# Fashion Design

Bachelor of Arts (Honours) in Fashion Design (with Collection Design, Applied Textiles, Technology or Sustainability)		
Level 8	< >	<b>Course Code: Add-on</b>
		<b>Duration: 3-year specialisation following US800 First Year Art &amp; Design (Common Entry)</b>
		<b>Location: Clare Street Campus, Limerick</b>
		<b>Entry Requirements:</b> Entry into Fashion Design is by competition and selection during US800 First Year Art & Design (Common Entry).
		<b>Modules at a glance:</b> <ul style="list-style-type: none"> <li>• Main Study Pathways - <i>Collection Design, Sustainability, Applied Textiles &amp; Technology</i></li> <li>• Critical &amp; Contextual Studies</li> <li>• Placement Practice or Exchange</li> </ul> <b>Main Study Pathways include:</b> Research & Design; Pattern Cutting; Garment Construction; Sewing Skills; Drawing; Presentation; 2D & 3D Design Processes; Knitting Techniques; Weaving; Surface Embellishment; Hand Textile Techniques & Craft Processes; Pattern Cutting & Construction for Knitwear; Sustainable Design Practices, Fibres & Materiality; Introduction to Digital Drawing Skills for both Wovens and Print Design, Final Project & Exhibition.  <b>Class Contact Hours:</b> Initially 23 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3</li> <li>• Study Abroad</li> </ul>
<b>Contact Details: Mr. Alan J Kelly, Course Leader   Tel: 061 293870   Email: Alan.J.Kelly@tus.ie   Ms. Giordana Giache, Course Leader   Email: Giordana.Giache@tus.ie</b>		

## What is this course about?

The Bachelor of the Arts (Honours) in Fashion Design (with Collection Design, Applied Textiles, Technology or Sustainability) at the Limerick School of Art & Design has an excellent reputation both nationally and internationally for providing a comprehensive, hands-on, and creative fashion design education.

The course fosters independent thinking, creativity and innovation in both creative design processes and technical skills across four pathways: Collection Design, Applied Textiles, Technology or Sustainability. Students will choose one pathway of specialisation during their second year that will inform their focus for the rest of their studies. In their chosen Pathway, the student will be supported in exploring fashion design through subjects and processes that are of interest to them as they develop their voice as a designer. It is our aim to guide students through finding their own approach to creating design solutions in clothing, textile development, fashion technology or in sustainable systems for fashion and textiles.

We place emphasis on encouraging our students to balance physical craft with digital skills, innovative creativity, and critical thinking. We are consistently reacting, adapting, and responding to the changing landscape of the industry, both in Ireland and internationally, within the course structure. This strategic alignment with the industry gives our students and graduates an edge as they progress their careers in Fashion and Textile design.

## Why study this course?

Nurturing originality of thought and transferable skills, this degree will support the student in becoming a dynamic, empathetic, creative, and self-motivated designer who is capable of working at all levels of the Fashion and Textiles design industry and beyond.

Anyone interested in applying for this course should have an aptitude for the following: Drawing, experimenting with a wide range of materials; working from 2 dimensional to 3 dimensional forms; experimenting with shape; fabrics, yarns, exploring colour and texture and an ability for original research. Technical skills like sewing, weaving, knitting, and making are beneficial.

## What can I do after this course?

Our Fashion Design graduates work at the heart of the fashion and textiles industry and form a national and international network of creative designers and makers who work across a broad spectrum of roles in fashion and textiles and who continue to contribute to shaping the future of the industry. Graduates work in areas such as: Fashion Designer, Textile Designer/Artist, Design for Film and Stage/Costume Designer, Design, Atelier or Studio Manager, Design Assistant, Knitwear Designer, Weave Designer, Fashion Brand Owner/Creative Director, Sustainability Advisor/Consultant, Stylist, Fashion Buyer, Merchandiser, Visual Merchandiser, Fashion Marketing and PR, etc.

# Graphic Design Communication

Bachelor of Arts (Honours) in Graphic Design Communication			
Level 8	< >	<b>Course Code: Add-on</b>	<b>Modules at a glance:</b>
		<b>Duration: 3-year specialisation following US800 First Year Art &amp; Design (Common Entry)</b>	<ul style="list-style-type: none"> <li>• Design Communication (<i>Graphic Design Project, Typography, Graphic Design Production, Image-making</i>)</li> <li>• Critical &amp; Contextual Studies</li> <li>• Placement Practice or Exchange</li> </ul>
		<b>Location: Clare Street Campus, Limerick</b>	
		<b>Entry Requirements:</b> Entry into Graphic Design Communication is by competition and selection during US800 First Year Art & Design (Common Entry).	<p><b>Design Communication includes:</b> Design Process, Brand Identity &amp; Strategy, Experience Design, UX/UI Design, Digital Product Design, Web Design, Motion Design, Design for Screen &amp; Print, Book Design, Advertising, Illustration &amp; Photography.</p> <p><b>Class Contact Hours:</b> Initially 23 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.</p> <p><b>Other Information:</b></p> <ul style="list-style-type: none"> <li>• Work Placement/Study Abroad in Year 3</li> </ul>
<b>Contact Details:</b> Mr. Eamon Spelman, Course Leader   Tel: 061 293870   Email: Eamon.Spelman@tus.ie			

## What is this course about?

This well-established course gives students the opportunity to work creatively in the field of graphic design, by being open to new ideas; developing an ability to problem solve; and being involved in the many commercial, cultural, political, and social contexts through both traditional, new, and emerging graphic design practices.

One of the course's key features is that students have the opportunity to undertake Work Placement, Practice or International Exchange in Year Three. As a result of this initiative, students have been successfully placed in Ireland, Europe, Asia and South America.

On completion, graduates from the course are highly sought after and recognised for their transferable skills as professional graphic designers in areas such as brand identity, experience design, digital product design, UX/UI design, typographic design, design for screen/web, motion design, film/TV production, illustration, packaging, advertising, and systems/service design. The course actively encourages a broadening of skills on intellectual, creative, and practical levels in order to become a designer of the future.

## Why study this course?

The course offers a high level of experiential learning through studio-based projects, assignments, workshops, and online activities, which are delivered by a dedicated team that is constantly informed by the changing nature of graphic design practice.

## What can I do after this course?

Graduates from the course are well recognised, sought after by industry and can avail of a wide range of employment opportunities both here in Ireland and internationally. Graduates of this course work areas such as: Graphic Design, Advertising, Packaging Design, Typographic Design, Illustration, Design for Screen, UX/UI and Web Design.



# Painting

Bachelor of Arts (Honours) in Fine Art Painting			
Level 8	< >	<b>Course Code: Add-on</b>	<b>Modules at a glance:</b>
		<b>Duration: 3-year specialisation following US800 First Year Art &amp; Design (Common Entry)</b>	Areas of study include Observational drawing; Researching & exhibiting art works within a museum context; Development of technical & conceptual approaches through engagement with photography, video & collaborative project formats; International study through the Erasmus programme or placement within an art industry context in Ireland. In the final year, students are mentored individually & through group formats of dialogue, critique & workshops to achieve a successful outcome of research and practice, exhibited in the final BA degree exhibition.
		<b>Location: Clare Street Campus, Limerick</b>	
		<b>Entry Requirements:</b> Entry into Painting is by competition and selection during US800 First Year Art & Design (Common Entry).	<p><b>Class Contact Hours:</b> Initially 23 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.</p> <p><b>Other Information:</b></p> <ul style="list-style-type: none"> <li>• Work Placement/Professional Practice/Study Abroad in Year 3</li> </ul>
<b>Contact Details:</b> Alan Keane, Course Leader   Tel: 061 293870   Email: Alan.Keane@tus.ie			

## What is this course about?

The BA (Honours) in Fine Art Painting has distinct qualities which enables active learning through the continual use of materials and processes in a studio environment. The Painting course is housed in purpose-designed spacious studios, with workshop studio and an audio-visual demonstration seminar space. The studio environment is active as a place of individual visual research for making and presenting works allowing for continual peer learning.

The lecturers and technical officers who deliver this course are all professional working artists and this perspective ensures that the Painting course is focused on the provision of knowledge which is up-to-date and relevant to the contemporary world.

## Why study this course?

Embark on a vibrant journey where creativity flourishes within purpose-designed studios: Step into a spacious sanctuary where ideas breathe, and materials come alive. Our course emphasises hands-on material exploration.

**Visual Research Playground:** Become an artist-researcher in our sunny studios, where individual expression is celebrated. Peer learning is ingrained, allowing experimentation and growth.

**Artists as Mentors:** All your lecturers and tutors are working artists, guiding you through technique and context. Technical officers ensure you are equipped with the materials you will need to grow your creativity.

**Relevance in Real Time:** Our course bridges art with the contemporary world, ensuring what you learn today is applied tomorrow across many different mediums.

**Making and Presenting:** Your studio doubles as a stage, where you can exhibit works with local galleries and museums such as the Hunt Museum, to our Graduate Show, fuelling your creativity.

**Where Art Meets Acceptance:** Limerick's vibrant atmosphere and dynamic art scene is a fantastic location for fostering your creativity.

## What can I do after this course?

Graduates from this course have pursued successful career paths in a wide variety of art and related fields including education and outreach, curatorial practice, animation, the film industry and establishing a contemporary art practice.

Famous graduates of the Painting course at LSAD include Conor Harrington, Amy O'Riordan, Amanda Coogan, Emmet Kierans, Ann Ryan, Diana Copperwhite and Nevan Lahart.

# Print Contemporary Practice

Bachelor of Arts (Honours) in Fine Art		
Level 8	< >	<b>Course Code: Add-on</b>
		<b>Duration: 3-year specialisation following US800 First Year Art &amp; Design (Common Entry)</b>
		<b>Location: Clare Street Campus, Limerick</b>
		<b>Entry Requirements:</b> Entry into Print Contemporary Practice is by competition and selection during US800 First Year Art & Design (Common Entry).
		<p><b>Modules at a glance:</b> Students will study the core elements of Print Contemporary Practice such as: drawing, printmaking, photography, digital media &amp; lens-based media. Advanced printmaking, photography &amp; digital media workshops &amp; demonstrations are delivered to facilitate deeper learning experiences. Regular tutorial sessions &amp; group crits allow both staff &amp; students to engage in reflective studio dialogues. Collaboration, curating exhibitions on &amp; off campus, &amp; producing editions, books &amp; other publications. International study through the Erasmus programme. Opportunity to engage with the creative industries through Work Placement. Successful completion of the final year modules leads to the final BA (Honours) degree exhibition.</p> <p><b>Class Contact Hours:</b> Initially 23 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.</p> <p><b>Other Information:</b></p> <ul style="list-style-type: none"> <li>• Work Placement/Professional Practice/Study Abroad in Year 3</li> </ul>
<p><b>Contact Details:</b> Noelle Noonan &amp; Suzannah O'Reilly, Course Leaders   <b>Tel:</b> 061 293870   <b>Email:</b> PCPprogrammeleaders@tus.ie</p>		

## What is this course about?

The Print Contemporary Practice (PCP) course has been developed with the needs of the student as core to the delivery of this fine art specialisation. The PCP workshop is housed on the ground level of the LSAD campus and has large spacious facilities dedicated to a wide range of printmaking processes. This provides a professional working space for students to develop a complex range of skills in printmaking, which is an ever expanding, and multi-faceted discipline.

To maintain a high level of expertise and compete with the worldwide changes and trends in printmaking as a practice, the main aim of the course is to study printmaking and all its related components at the forefront of research in this area. Students are provided with comprehensive workshops, lectures and tutorials in these areas, which establish an environment that encourages experiential learning and critical thinking through active engagement in the processes.

## Why study this course?

**Crafting Mastery:** You will learn a range of traditional and digital printmaking processes, from etching to silkscreen. Guided by mentors, forge your artistic identity in a studio fuelled by collaboration.

**Artists as Mentors:** All your lecturers and tutors are working artists and printmakers who will guide you through experiential learning techniques and context. Technical officers ensure you are equipped with the materials you will need to develop your own creative voice.

**Innovation Awaits:** PCP is not just a course; it's a place of possibility. Step into our bright and spacious printmaking workshops, where your imagination can make its mark.

## What can I do after this course?

Graduates of this course work as independent printmakers, printmaking studio directors, printmaking technicians, interdisciplinary artists, art educationalists, teachers, researchers, curators, and graphic artists.

# Sculpture and Combined Media

Bachelor of Arts (Honours) in Fine Art		
Level 8	< >	<b>Course Code: Add-on</b>
		<b>Duration: 3-year specialisation following US800 First Year Art &amp; Design (Common Entry)</b>
		<b>Location: Clare Street Campus, Limerick</b>
		<b>Entry Requirements:</b> Entry into Sculpture and Combined Media is by competition and selection during US800 First Year Art & Design (Common Entry).
		<p><b>Modules at a glance:</b></p> <ul style="list-style-type: none"> <li>• Photography dark room/printing analogue B/W, metalworking/welding (elective), plaster resin casting/mould making (elective), digital sound art (elective), material and processes - wood construction (elective).</li> <li>• Armature making, large scale multi material drawing, tool making, statement writing, 3D printing, drawing, inflatable sculpture &amp; peer-to-peer workshops, digital image formatting &amp; studio management.</li> <li>• Video editing/production, Video and Installation Art, Video Mapping, Stop-Motion Animation and Blue Screen Video Production. Public performance (elective) &amp; collaborative practice. Additional skills in medium/large format photography (elective) are offered.</li> <li>• Public art, installation art, live art, professional practice, environmental art, stop motion animation, new media interventions, performance art.</li> <li>• Work Placement and international study on Erasmus.</li> <li>• Successful completion of the final year modules leads to the BA degree exhibition.</li> </ul> <p><b>Class Contact Hours:</b> Initially 23 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.</p> <p><b>Other Information:</b></p> <ul style="list-style-type: none"> <li>• Work Placement/Professional Practice/Study Abroad in Year 3</li> </ul>
<p><b>Contact Details:</b> Mr. Michael McLoughlin, Course Leader   <b>Tel:</b> 061 293870   <b>Email:</b> MichaelAnthony.McLoughlin@tus.ie   Ms. Caoimhe Kilfeather, Course Leader   <b>Email:</b> Caoimhe.Kilfeather@tus.ie</p>		

## What is this course about?

This course offers students the opportunity to develop and experiment using sculptural techniques and media. Individual studio practice is developed through taught workshops in sculpture techniques combined with a range of studio based multi-media experimentation. Students develop a strong sculptural skill-set, but also become expert within the broader field of cultural production such as curation, public art, commissions, exhibition and cultural event planning, professional promotion and developing education workshops.

## Why study this course?

In our workshops, chisels meet pixels, clay meets canvas, and tradition dances with technology. We're not confined to stone or steel; we're alchemists of expression. From clay to code, wood to wire, you'll craft narratives that defy gravity.

**Studio Alchemy:** We take a multi-media approach to making and experimentation, from video installations to kinetic sculptures, the studio is a cauldron of ideas.

## Beyond the Block:

Sculpture isn't solitary; it's a conversation. On this course, we invite you to step beyond the studio and curate exhibitions, get involved in public art commissions and plan cultural events so that you can become a cultural producer and an architect of experiences.

**Forge Your Path:** On this course, you will master the art of curation, promotion, and education. You will be given opportunities to unleash your creativity in galleries, public spaces, and classrooms.

## What can I do after this course?

Graduates of this course work in the following areas: practicing visual artists, film and television, theatre set design, government administration, local cultural development, script writers, contemporary sound/interdisciplinary artists, art educationalists, teachers, and researchers.

# Art and Design Teacher Education

Bachelor of Education (Honours) in Art and Design Teacher Education			
Level 8	< >	<b>Course Code: US801</b>	<b>Modules at a glance:</b> Students will study a range of modules across the following themes: Fine Art & Design Disciplines. Critical and Contextual Studies. Educational theories such as Understanding young people and how they learn, Preparation for School Placement, Orientation to the Profession: Artist Teacher Identity. School Placement. Curriculum Design. Art & Design Practice-based Research. School Based Research Methods and Practice. Art & Design Professional Portfolio.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 841*</b> *Points are a combination of Leaving Certificate results and Portfolio Assessment	
		<b>Location: Clare Street Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 grades & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
		<b>A Portfolio is also required.</b> Applicants will be accepted to Year 1 of the course based on a combination of Leaving Certificate/QQI FET/FETAC results and Portfolio Assessment. The Portfolio will be scored out of 600 with a minimum score of 240 required to pass.	
		<b>Note:</b> School placement is a mandatory component of this course in years 2, 3 and 4. Applicants must obtain Garda Vetting before they embark on their placements – please be advised that a criminal conviction may be a challenge to securing work placements.	
		<b>Class Contact Hours:</b> 25 hours per week, however this will vary in years 3 & 4 when students are on school placement.	
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Portfolio required</li> <li>• Work Placement</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Garda Vetting</li> </ul>	
<b>Contact Details:</b> Ms. Bairbre Geraghty, Course Leader   Tel: 061 293870   Email: Bairbre.Geraghty@tus.ie   Ms. Edel Hogan, Course Leader   Email: Edel.Hogan@tus.ie			

## What is this course about?

This course enables you to teach Art and Design at second level. It begins from the place of creative making in the studio setting where students are introduced to a variety of creative disciplines including; Fashion Design, Painting, Ceramics, Graphic Design, Sculpture, Animation and Motion Design, Printmaking and Contemporary Practice.

Concurrent to this, you will study educational theory and practice which will equip you with the teaching aptitudes and skills to enter into the profession of teaching Art and Design.

## Why study this course?

Welcome to the place where creativity meets pedagogy! Our BEd (Hons) in Art and Design Teacher Education isn't just about teaching—it's about sculpting future artists, igniting imaginations, and shaping cultural architects.

From Studio to Classroom: Crafting Creativity: Step into our studio—a cauldron of possibilities where clay, brushes, and pixels intertwine. From Fashion Design to Animation, Painting to Print you are given lots of opportunities to unleash your own creative voice and vision.

Where Theory Meets the Palette: Beyond the canvas, educational foundations intertwine with creative DNA, preparing you to wield impact through lesson planning to inspire young minds.

The Key to Your Canvas: Venture beyond the studio into school placements, where classrooms are filled with curiosity and dreams. Garda Vetting ensures transparency on this journey.

Crafting Cultural Architects: Residencies, exhibitions, partnerships—these are part of your learning experience so that you can be equipped to shape and create a bright future for young artists and designers.

## What can I do after this course?

Graduates of this course can pursue a career as a Visual Art Teacher across a number of educational sectors including Second level schools, Colleges of Further Education, Arts and Health, Arts and the Community, Gallery/Museum Education. This teaching qualification is also recognised internationally providing career opportunities overseas.

# Interior Design

Bachelor of Arts (Honours)			
Level 8	< >	<b>Course Code: US811</b>	<b>Modules at a glance:</b> Design, Built Environment, Information Communication Technology, Analysis & Explore.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 819*</b> *Points are a combination of Leaving Certificate results and Portfolio Assessment	
		<b>Location: Clare Street Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 grades & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
		<b>A Portfolio is also required.</b>	
		<b>Class Contact Hours:</b> Year 1: 24 hours per week Year 2: 22 hours per week Year 3: 20 hours per week Year 4: 18 hours per week	
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Portfolio required</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Work Placement/Study Abroad in Year 3</li> </ul>	
<b>Contact Details:</b> Ms. Trish Geraghty, Course Leader   Tel: 061 293870   Email: Trish.Geraghty@tus.ie			

## What is this course about?

The Bachelor of Arts (Honours) in Interior Design at the Limerick School of Art & Design is a dynamic and comprehensive course aimed at students aspiring to excel in the field of interior design. Whether you envision working within architectural practices, design consultancies, commercial companies, or as part of an in-house design team, our course equips you with the skills and knowledge to thrive in diverse professional environments.

The course offers a comprehensive and engaging learning experience through:

Studio Based Learning: Prioritises studio-based learning, providing hands-on experiences to foster creativity and practical skills.

Diverse Activities: Students participate in a variety of activities, from traditional sketching to utilising advanced computer software, allowing them to create dynamic 2D and 3D content.

Assessment Through Design Projects: Assessment focuses on design projects, where students apply theoretical knowledge to real-world situations.

Emphasis on Design Process: The curriculum emphasises the design process, analysis, research, and intervention, equipping students with the tools to understand user needs and develop innovative solutions.

Structured Skill Development: Structured for gradual skill development, students start with foundational concepts in their first year and progress to more complex projects over time.

Professional Placement Practice: In 3rd year, a dedicated module offers professional placement practice, or the option to engage in Erasmus+ allowing students to study or practice in mainland Europe.

Self-Directed Project: The 4th year culminates in a self-directed project, allowing students to showcase their expertise and creativity in an area of their interest.

Promotion of Collaboration: The course promotes collaboration through group work and individual studio practice, fostering teamwork and exposing students to diverse perspectives.

Enrichment Opportunities: Additional enrichment opportunities, such as local and international field trips and visiting lectures from industry professionals, further enrich the learning experience.

## Why study this course?

This course is suited to students from second level and mature students who wish to pursue a career in an exciting problem-solving design discipline. There are embedded exit awards included at Level 6 and Level 7 within the course.

## What can I do after this course?

Graduate career opportunities include Interior Design Practice (Independent Consultancy/Architecture or Design Firms/Freelance), Commercial Interior Design, Industrial Interior Design, Residential Interior Design, Spatial 3D Modelling/Visualisation.

# Creative Broadcast and Film Production

Bachelor of Science (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US807</b>	<b>Modules at a glance:</b> <b>Media Production</b> (Broadcasting, Audio, Film). <b>Post-Production &amp; Graphics</b> (Editing/VFX). Narrative & Framing (Photography/Cinematography, Screenwriting). <b>Professional Development</b> (Work Placement-Practice-Exchange, Digital Communications, Event Management). Students are offered a range of <b>Electives</b> in year 3 and 4 that support specialisation in areas such as Media Law, Creative Design, VFX, Event Management, Direction and Cinematography. Students undertake a Media Capstone project in Year 4, which is exhibited at the annual LSAD Graduate Show.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 307</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>	
Bachelor of Science			
<b>Level 7</b>	< >	<b>Course Code: US702</b>	<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Practice/Study Abroad in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 308</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Progression to Level 8: Yes (Add-on)</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>	
<b>Contact Details: Department of Digital Arts &amp; Media   Tel: 061 293000   Email: Film.Midwest@tus.ie</b>			

## What is this course about?

Creative Broadcast and Film Production is available through the CAO at Level 8 and Level 7 at TUS.

This skills-based course offers students an exciting opportunity to explore the world of the film and broadcast media industry, covering a range of disciplines across film and TV production, visual effects, editing, radio production, screenwriting, mobile journalism, art direction, audio mixing, photography, event production as well as broadcast technologies across a range of new and traditional media platforms.

## Features of the course:

- Industry-led Production & Post-Production Practices including Digital Photography and Cinematography Techniques; Creative Design for CGI, VFX & Digital Art Direction; Audio production techniques and sound design; Screenwriting and Film Studies.
- Semester long Media Production Industry Work Practice/ Placement/ Exchange in Year 3
- In-house Production Unit offering structured industry work practice opportunities to students in Year 3.
- Outstanding graduate employment opportunities in Film and Broadcast Media industries.
- Semesterised module delivery offering elective pathways towards specialisation.

- Engagement and track record of award-winning student productions in national and regional competitions and Film Festivals.
- Students are part of the vibrant Limerick School of Art and Design community.

## Why study this course?

We offer our students a range of prospects for both academic and career progression in the broadcast, film, digital communications and creative media industries, as well as extensive hands-on production Work Placement/Practice/ Erasmus opportunities in Year 3. If you are interested in film making and storytelling on screen, this course aims to develop the practical creative and technical skills, craft and knowledge you will need to succeed in the dynamic world of film and broadcast production across a range of screen platforms. If you have a story to tell, we will show you how.

## What can I do after this course?

Graduates have worked in the following positions: Camera Operator, Sound Recording, Lighting Operator, Digital Radio, Research & Production Assistant, Post-Production Editor, Sound Engineering & Mixing, VFX & Motion Graphics, Games Development, Photography, Foley & Sound Effects, Web Design and online multimedia content creation, etc. Graduates of the Level 7 degree can progress to the 4th year of the Level 8 honours degree.

# Music Production and Technology

Bachelor of Science (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US808</b>	<b>Modules at a glance:</b> Studio Production & Engineering, Music Theory, Digital Production, Creative Music Performance, Interactive Music Production & Performance, Event Management & Technology, Live Sound Engineering, Professional & Portfolio Development, Interactive Technologies.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 299</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>	
<b>Class Contact Hours:</b> Year 1: 24 hours per week Year 2: 24 hours per week Year 3: 24 hours per week Year 4: 22 hours per week			
Bachelor of Science			
<b>Level 7</b>	< >	<b>Course Code: US703</b>	<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Practice/Study Abroad in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 281</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Progression to Level 8: Yes (Add-on)</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>	
<b>Contact Details: Ms. Róisín Crowley, Mr. Michael Gavin, Course Leaders   Tel: 061 293000   Email: Music.Midwest@tus.ie</b>			

## What is this course about?

Music Production and Technology is offered through the CAO at Level 8 and Level 7 at TUS.

This course is tailor-made for aspiring professionals seeking a rewarding career in the music and audio production industry. Here's where we excel:

1. Industry Connections: We foster strong ties with industry experts, inviting guest speakers, organising workshops, and facilitating networking opportunities.
2. Real-World Experience: Through hands-on projects, students compose, perform, produce, and distribute music and audio across digital platforms.
3. Diverse Roles: Graduates emerge with a broad skill set, ready to take on roles in a variety of areas. From sound engineers to music producers, event managers to studio technicians, our course equips students for success in both technical and creative capacities.
4. Access to Industry Standard Technologies: Our students get unfettered access to teaching facilities with industry standard equipment. Our recording studios, audio labs, and our theatre empower students to explore their technical and creative abilities fully.

5. Collaboration: Teamwork is essential in this industry. Students collaborate on group projects, learn from peers, and develop problem-solving skills.
6. Success Stories: Our alumni have made waves in the industry. Their many achievements - awards, projects, and placements - speak volumes about the impact of our course.

7. Career Pathways: Graduates find opportunities in broadcast media, live theatre, and studio-based environments. Whether pursuing further studies or diving straight into their careers, they're confident self-starters.

## Why study this course?

This course will appeal to those wishing to build a career in the music and audio production industry, or wider creative industries.

## What can I do after this course?

Graduates are actively working in: Live Sound Engineering, Lighting Design, Sound Design, Stage/Production Management, Music Production, Record Engineering, Mix Engineering, Theatre Technician, Musical Direction, Audio Post Production, and Radio Production.

# Digital Animation



Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US805</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 742*</b> *Points are a combination of Leaving Certificate results and Portfolio Assessment
		<b>Location: Clonmel Digital Campus, Co. Tipperary</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.  The submission of a <b>Portfolio</b> of selected work is also required.
<b>Modules at a glance:</b> There are four main streams of study: <b>Animation Production</b> where we practice and improve in all aspects of hand-drawn digital animation from character and creature animation to effects animation. We also concentrate on post-production of animation in our compositing modules. In <b>Visual Development</b> we concentrate upon all aspects of drawing and illustration, from life drawing and layout to character and location design, and concept and background painting. <b>Studio</b> is where we concentrate upon filmmaking in both solo and groups. <b>Transversal Skills</b> is where we concentrate upon personal, professional and portfolio development.  <b>Class Contact Hours:</b> 24 hours per week approx.  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3</li> <li>• Optional Industry Based Internship in Year 4</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Toon Boom Centre of Excellence</li> </ul>		
<b>Contact Details: Mr. Michael Kiely, Course Leader   Tel: 0504 28452   Email: Michael.Kiely@tus.ie</b>		

## What is this course about?

On this course, students learn to design, create and animate for both 2D and 3D platforms such as TV, Film and Games. There is a focus on developing students' core skills in the traditional disciplines of drawing, illustration and animation asset design with a strong emphasis on the principles of animation.

Building on this foundation, students continue to develop their creative voice while training in industry standard software, processes and technologies with the aim of bringing their ideas and concepts to life on screen. A Work Placement in Year 3 and an optional industry-based internship in Year 4 allow students to gain valuable industry work experience. Graduates will have a strong foundation in the planning, production and management of animation projects. The combination of creative and technical skills on the course will ensure you are a versatile graduate who can fulfil more than one role in any studio, thus making you highly employable in studios but also be capable of working independently.

TUS Clonmel Digital Campus is a Toon Boom Centre of Excellence (COE). This qualification provides graduating students an advantage by being in high demand for world recognised studio careers that value a deep knowledge of Toon Boom 2D animation and software.

## Why study this course?

This course is suited to individuals with an artistic ability who wish to produce high quality digital animation by combining their artistic creativity with technical know-how. Emphasis is placed on the needs of animation studio production, with the course aiding and developing individuals to fulfil both generalist and specialist roles in animation studios.

## What can I do after this course?

Graduates of the course have worked in the following positions: Rigged Animator (2D & 3D), Hand-drawn Animator, FX Animator, Rigger (2D), Composer, Technical Artist, Storyboard Artist, Background Painter, Layout Artist, Scene Prep, Art Director, Animation Director, Production.

**Open Days & Portfolio Information Events @ TUS Clonmel**

**OPEN DAY: 23rd October 2024**  
**PORTFOLIO DAYS: 23rd November 2024 & 18th January 2025**

# Game Art and Design

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US806</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 830*</b> *Points are a combination of Leaving Certificate results and Portfolio Assessment
		<b>Location: Clonmel Digital Campus, Co. Tipperary</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.  The presentation of a <b>Portfolio</b> of selected work is also required.
<b>Modules at a glance:</b> There are five main streams of study: <b>Game Design</b> , you will learn the fundamentals of Game design and what motivates players to engage with compelling games. Including level design, level creation, game mechanics, features and systems. <b>3D Asset Creation</b> for real time, you will learn how to create compelling and immersive interactive game worlds, characters and creatures. <b>Coding</b> , you will learn how to code in the creative context of creating your own games. Building up from simple examples you will learn how to create complex interactions within the games you design. <b>Game Production</b> , working on solo and team projects you will design and develop your own 2D and 3D games. <b>Transversal Skills</b> is where we concentrate upon personal, professional and portfolio development.  <b>Class Contact Hours:</b> Year 1: 24 hours per week Year 2: 24 hours per week Year 3: 21 hours per week Year 4: 9.5 hours per week  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>		
<b>Contact Details: Mr. Paul Keating, Course Leader   Tel: 0504 28000   Email: Paul.Keating@tus.ie</b>		

## What is this course about?

The BSc (Honours) degree in Game Art and Design targets the creative needs of the games industry by producing graduates who can develop high quality game content, design game levels and work with industry leading content creation tools, scripting languages and game engines.

In addition to developing your artistic skills, you will acquire the skills to produce compelling game content for various gaming applications and platforms. You will learn both the creative and technical processes involved in producing 2D and 3D games, as well as a theoretical and practical grounding in the management of game projects.

The course is designed to provide students with the knowledge and skills required to work in the games industry as games artists, content creators and designers. The course embodies the multidisciplinary nature of the games sector and seeks to address the demand for game art and design skills both nationally and internationally. A Work Placement in Year 3 allows students to gain valuable industry work experience. Graduates of this course possess a well-developed understanding of both the creative and technical processes involved in producing game content.

## Why study this course?

This course is suited to individuals with an artistic ability who wish to work in the games industry, as game artists, content creators and designers by combining their artistic creativity with technical know-how. You will take lectures with industry professionals from leading game development and animation companies and gain valuable work experience in game studios, create industry standard game content and collaborate with professionals.

## What can I do after this course?

Graduates can work in a range of roles including Animation, 2D Designer/Concept Artist, 3D Modelling, Technical Artist, and Game Design.

**Open Days & Portfolio Information Events @ TUS Clonmel**

**OPEN DAY: 23rd October 2024**  
**PORTFOLIO DAYS: 23rd November 2024 & 18th January 2025**

# Visual Effects for Film, TV and Animation

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US810</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 935*</b> *Points are a combination of Leaving Certificate results and Portfolio Assessment
		<b>Location: Clonmel Digital Campus, Co. Tipperary</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.  The presentation of a <b>Portfolio</b> of selected work is also required.
		<b>Modules at a glance:</b> There are four main streams of study: <b>3D Asset Creation</b> , where you will learn to develop movie quality 3D models from initial design and concept through to modelling, texturing and lighting. You will learn how to create high end 3D vehicles, weapons, environments, characters and creatures. <b>3D Animation and VFX</b> , you will learn the fundamentals of 3D animation as well as FX animation e.g. water, fire, magic, destruction. <b>CG Filmmaking and Compositing</b> , here you will learn how to bring elements such as your shot footage, Environments, CG Characters, FX and composite them into your final short films. <b>Transversal Skills</b> is where we concentrate upon personal, professional and portfolio development.
		<b>Class Contact Hours:</b> Year 1: 24 hours per week Year 2: 22 hours per week Year 3: 20 hours per week Year 4: 18 hours per week
		<b>Other Information:</b> • Work Placement in Year 3 • QQI FET/FETAC Applicants • Mature Applicants
<b>Contact Details: Mr. Richard Gavin, Course Leader   Tel: 0504 28000   Email: Richard.Gavin@tus.ie</b>		

## What is this course about?

Are you interested in learning how to create the latest Visual Effects you see in Films? Do you like to create your own content on social media? This degree is designed to develop your artistic and technical abilities to produce world-class content from social media to the cinema screen, film, television, and animation sectors both nationally and internationally. This is an industry-focused course developed by ex-industry professionals who have worked for internationally renowned studios like Double Negative (Inception, The Dark Knight, Blade Runner 2049), Brown Bag Films and Screen Scene. If you want to learn industry leading content creation tools, techniques, and workflows to help you gain the skills and knowledge to create content from the small screen to the big screen, then this the course for you.

With state-of-the-art facilities and an abundance of links to the games and animation industries, the Visual Effects course at TUS Clonmel Digital Campus is your best choice for a career in the areas of film, TV and digital storytelling.

## Why study this course?

This course is suited to individuals with an artistic ability who have an interest in film making, animation and digital content creation, who wish to work in the film or tv industry as content

creators and designers by combining their artistic creativity with technical know-how.

You will take lectures with industry professionals from leading visual effects and animation companies. There is an opportunity to gain valuable work experience in game studios, create industry standard game content and collaborate with professionals.

## What can I do after this course?

Graduates will have exciting opportunities in areas such as 3D Modeller, Texturing Artist, Animator Compositor, Character Designer, Digital Matte Painter, Lighter, Director, Concept Design, Effects Artist.

**Open Days & Portfolio Information Events @ TUS Clonmel**

**OPEN DAY: 23rd October 2024**  
**PORTFOLIO DAYS: 23rd November 2024 & 18th January 2025**

# Business



Scan the QR code to read more about our Business Courses

	Year 1	Year 2	Year 3	Year 4
<b>US610 Accounting &amp; Finance</b>			<b>Add-On Accounting &amp; Finance</b>	<b>Add-On Accounting &amp; Finance</b>
<b>US845 Accounting &amp; Finance</b>				
<b>US722 Business with Computing</b>				<b>Add-On Business With Computing</b>
<b>US855 Business with Computing</b>				
<b>US721 Business (Thurles)</b>				<b>Add-On Business (Thurles)</b>
<b>US841 Business (Limerick)</b> <b>US842 Business (Thurles)</b>				
<b>US723 Business Studies (Enterprise &amp; Innovation)</b>				<b>Add-On Business Studies (Enterprise &amp; Innovation)</b>
<b>US852 Business Studies (Enterprise &amp; Innovation)</b>				
<b>US612 Marketing &amp; Management</b>			<b>Add-On Business Studies (Marketing &amp; Management)</b>	<b>Add-On Business Studies (Marketing &amp; Management)</b>
<b>US851 Business Studies (Marketing &amp; Management)</b>				
<b>US843 Business Studies (Digital Marketing)</b>				
<b>US854 International Business Studies</b>				
<b>US838 Business &amp; Law</b>				
<b>US837 Law</b>				

Courses and Progression

## Level 8 Courses

**US845 Accounting and Finance**  
Bachelor of Business (Honours) Ab Initio

**US841 Business**  
Bachelor of Business (Honours) Ab-Initio – Limerick

**US842 Business**  
Bachelor of Business (Honours) Ab-Initio – Thurles

**US838 Business and Law**  
Bachelor of Business (Honours) Ab Initio

**US837 Law**  
Bachelor of Laws (Honours) Ab Initio

## US843 Business Studies (Digital Marketing)

Bachelor of Business (Honours) Ab Initio

## US851 Business Studies (Marketing & Management)

Bachelor of Business (Honours) Ab Initio

## US852 Business Studies (Enterprise & Innovation)

Bachelor of Business (Honours) Ab Initio

**US854 International Business Studies**  
Bachelor of Business (Honours) Ab Initio

## Level 7 Courses

**US721 Business**  
Bachelor of Business – Thurles

**US723 Business Studies (Enterprise & Innovation)**  
Bachelor of Business

## Level 6 Courses

**US610 Accounting and Finance**  
Higher Certificate in Business

**US612 Business Studies (Marketing & Management)**  
Higher Certificate in Business

# Accounting and Finance

Bachelor of Business (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US845</b>	<b>Modules at a glance:</b> In Year 1, on the Level 8 & Level 6 courses, students take a range of modules including: Accounting, Business Communications, Economics, Business Management, Marketing, Quantitative Methods, Entrepreneurship, Information Technology & Data Analytics. Subsequent years of study will build on these modules.  <b>Class Contact Hours:</b> 20 – 25 hours per week (depending on year)
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 350</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
Higher Certificate in Business			
<b>Level 6</b>	< >	<b>Course Code: US610</b>	<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Study Abroad in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Recognised by professional accountancy bodies</li> </ul>
		<b>Duration: 2 Years</b>	
		<b>CAO Points 2024: 348</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Progression to add-on Level 7 &amp; Level 8: Yes</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Contact Details: Business &amp; Humanities Faculty Office   Tel: 061 293557   Email: businessandhumanities@tus.ie</b>			

## What is this course about?

Accounting and Finance is available through the CAO at Level 8 and Level 6 at TUS.

The course is structured to address many of the competence requirements of professional Accountancy bodies and to give students a range of learning experiences tailored to careers in Accounting and Finance. Its practical focus ensures that on completion you will be a work-ready graduate with employment opportunities in professional accounting practice, commerce, industry, government, the not-for-profit sector and secondary school teaching. Along with the development of your accountancy and finance knowledge, there is a strong focus on developing your management skills to ensure you have the high-level transferable skills that employers are seeking. This course assumes no previous knowledge of accounting, finance or economics.

Our Accounting and Finance courses are recognised by leading professional accountancy bodies including CAI, ACCA, CIMA and CPA. It has also been recognised by the Teaching Council as fulfilling its degree requirement for registration as a post-primary teacher, subject to the complete programme of study being undertaken at Moylish campus (Level 8). As with any other degree, a teaching qualification, such as the Professional Master of Education (PME), is also required.

## Why study this course?

Accounting and Finance is suitable for those who have an interest in the financial aspects of business, enjoy working with numbers and people, have good communication skills and enjoy a challenge. It will provide you with the skills and knowledge you need to launch your professional accountancy career with confidence, and to accumulate maximum exemptions from professional accountancy examinations. A work placement in Year 3 gives students valuable industry experience.

## What can I do after this course?

Graduates of the Level 8 course can consider positions such as Trainee Accountant in professional practice, industry and/or the public sector, Trainee Tax Advisor, Funds Analyst, General management opportunities across a range of sectors, Secondary School Teaching (subject to completion of PME). Leading employers include Deloitte, EY, PwC, Grant-Thornton, BDO, Mazars, BOI, Northern Trust.

Graduates of the Level 6 course can progress to an add-on Level 7 degree and add-on Level 8 honours degree in Accounting and Finance at TUS, or seek job opportunities in accounting and finance roles, such as Accounts Assistant, Credit Control Assistant, etc.

# Business

Bachelor of Business (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US841 (Limerick)   US842 (Thurles)</b>	<b>Modules at a glance:</b> Students will take a range of modules within the following core streams: Management, Marketing, Accounting & Financial Services, Business Operations, Professional Development, including Work Placement/Study Abroad, Human Resource Management, Enterprise Systems & Software.  <b>Class Contact Hours:</b> Year 1: 24 hours per week Year 2, 3, 4: 18 hours per week  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Study Abroad in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 300 (Limerick) 220 (Thurles)</b>	
		<b>Location: Moylish Campus, Limerick &amp; Thurles Campus, Co. Tipperary</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
		<b>Thurles</b>	
Bachelor of Business			
<b>Level 7</b>	< >	<b>Course Code: US721</b>	<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 278</b>	
		<b>Location: Thurles Campus, Co Tipperary</b>	
		<b>Progression to Level 8: Yes (Add-on)</b>	
			
<b>Contact Details: Business &amp; Humanities Faculty Office   Tel: 061 293857   Email: businessandhumanities@tus.ie</b>			

## What is this course about?

Business is available at Level 8 at TUS Moylish and Thurles campuses, and at Level 7 at Thurles campus.

Put simply, business really matters in the current challenging global economy. The role of business is to enable commerce and to make the world a better place for all – by creating wealth, jobs, prosperity and choices. Our Business degrees provide students with the depth and breadth of knowledge and skills to work effectively at operational and management level within a business environment in the public or private sector or as a self-employed individual. Coupled with an opportunity to undertake a semester long work placement in Year 3 means that, on graduation, our students are equipped with the necessary core knowledge and skills to contribute immediately and effectively to any organisation.

There are 7 streams running through the Business degrees and the choice and design of these streams aims to ensure that all students achieve competence in each of the pillars of business, while the elective options will provide students with the opportunity to further develop expertise in selected areas. On completion, students will have developed comprehensive

analytical and rounded business skills which blend perfectly to solve business problems and will have gained relevant skills and competences in primary business functions.

## Why study this course?

Studying for a degree in Business offers a breadth of opportunities. It is interesting and varied and is suited to those who have a flair for and an interest in industry and who wish to embark on a career in the business world. It is ideal for those who are seeking to acquire knowledge and skills in a number of key business and management areas. These business degrees give scope for specialisation in later years. Work placement, projects and team assignments will simulate the challenges of the business environment within the college setting.

## What can I do after this course?

Employment opportunities for graduates include Human Resources, Sales, Marketing, Management, Accountancy, Banking and Financial Services, Insurance, Teaching (subject to postgraduate study).

Graduates of the Level 7 degree can progress to the 4th year of the Level 8 honours degree.

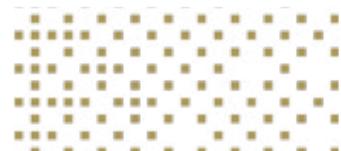
# Business and Law

Bachelor of Business (Honours) in Law			
Level 8	< >	<b>Course Code: US838</b>	<b>Modules at a glance:</b> Legal Skills, The Irish Legal System, Tort Law, Financial Accounting, Business Mathematics, Contract Law, Computer Applications, European Union Law, Criminal Law, and Equity Law.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 292</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Class Contact Hours:</b> 18-25 hours per week, depending on the year			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Contact Details: Business &amp; Humanities Faculty Office   Tel: 061 293857   Email: businessandhumanities@tus.ie</b>			

## What is this course about?

This degree combines both law and business providing graduates with a skillset that allows them enter the professions in law, or the versatility and flexibility to enter the commercial and business world. Students will be equipped with the analytical and advocacy skills that arise from legal training, combined with the numeracy and financial literacy of a business degree. The modules are taught by experienced practitioners from commercial and legal practice.

This course provides a comprehensive grounding in the fundamental areas of law, including the legal system and the interaction of Irish and European Law. In addition, you will also engage with key areas of business such as marketing and management.



## Why study this course?

Students on this course will develop key transferable skills (including oral and written communication skills, analytical skills, enhanced numeracy, teamwork and research skills) which are increasingly attractive to potential employers. Students may participate in our extra-curricular activities such as FLAC and Mooting and Debating competitions.

## What can I do after this course?

This honours degree provides a foundation for any student wishing to train as a solicitor by undertaking the exams of the Law Society of Ireland. It also offers students the opportunity to study the core subjects required for King's Inns entry and entrance exams. However, these are not the only options open to you. This degree opens up a range of alternative options other than the practice of law. Students might decide to pursue a career in the public service or private industry. You will have acquired a skill set and competencies attractive to a wide range of businesses, both inside and outside of law including banking, the civil service, human resource management, media and other related disciplines. Graduates of this course may progress to a range of postgraduate studies.

# Law

Bachelor of Laws (Honours) in Law			
Level 8	< >	<b>Course Code: US837</b>	<b>Modules at a glance:</b> You will study the following modules among others: Legal Skills, The Irish Legal System, Tort Law, Legal Technology, Contract Law, Computer Applications, Legal Technology, Data Protection Law & Practice, Microeconomic Principles, Languages, Innovation, Entrepreneurship & Law, Climate Law, Family Law and Cyber Security.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 318</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Class Contact Hours:</b> 18-25 hours per week, depending on the year			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Contact Details: Business &amp; Humanities Faculty Office   Tel: 061 293857   Email: businessandhumanities@tus.ie</b>			

## What is this course about?

Few traditional law degrees offer students the opportunity to learn law as well as how to run a legal business. Our lecturing staff have experience of this which allows them to actually apply theory in real-life contexts, such as real-life legal clinics, work placements and mock court cases. Interpersonal skills are almost as important a qualification in predicting success in the modern business world. This course will develop these skills to a high level, in addition to practical business management and legal skills like advocacy and legal research.

On the course, traditional core subjects are complemented by the opportunity to take advanced classes in a range of electives that reflect the challenges faced in the modern world, like legal technology, climate change, white collar crime and human rights law. Students will also have the opportunity to learn core business skills like entrepreneurship and management. Students will benefit from a one semester work placement which will help them to develop their practical skills and contacts. They will get to participate in the vibrant extra-curricular law related societies such as Debating and the Law Society. They will have the opportunity to participate in competitions against students in other colleges through Mooting activities that take place both in the modules and extra-curricular. Lecturers on the course have professional qualifications as solicitors and barristers and give the students the benefit of their practice experience, as well as practical knowledge around how to navigate the professions.

This course has the added benefit of having significant commonality with the first and second years of the Bachelor of Business (Honours) in Business and Law. This will enable students to transfer to Business and Law if they find that they prefer the business elements of the course after year one or year two.

## Why study this course?

This is a unique degree that aims to prepare students for the modern world of work and legal practice. It offers students the opportunity to apply traditional law subjects in modern contexts, taking teaching law out of the textbooks and into real life, developing lawyering skills by practicing those skills in real and hypothetical legal environments.

## What can I do after this course?

This qualification equips students with skills like advocacy, legal research, reasoning, problem solving, business management and client handling. These skills will enable graduates to succeed in running their own businesses or hold management positions in start-ups or established companies. Students will also have covered the core law subjects and skills necessary to prepare for a career as a solicitor or barrister. In order to progress to the solicitor's profession, students will need to sit exams for entry to the professional training course in the Law Society of Ireland.

A law degree is very desirable to employers across a range of fields and roles such as insurance, compliance, corporate governance, human resources, government and policy making, technology, dispute resolution and commerce. Every medium to large sized company has a legal department as law affects almost every aspect of life and business.

# Business Studies (Digital Marketing)

Bachelor of Business (Honours)		
Level 8	< >	<b>Course Code: US843</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 253</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> You will study a full range of business subjects alongside a stream of dedicated Digital Marketing modules. Modules include: Introduction to Digital Marketing; Influencer Marketing; Live Business Project; Web Design & Interactive Applications; Content Marketing & User Experience; Mobile Marketing; Social Media Marketing. No previous knowledge of business or digital marketing subjects is required, all modules are taught from scratch.
		<b>Class Contact Hours:</b> 18 hours per week approx
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Study Abroad in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Contact Details: Business &amp; Humanities Faculty Office   Tel: 061 293857   Email: businessandhumanities@tus.ie</b>		

## What is this course about?

Learn Digital Skills for the Digital Age on a Business Studies degree which allows you to control what you study and how you learn. Building Interactive Apps, Social Media Content Writing, Influencer Marketing, Web Analytics, Online sales – this degree covers all the skills you need to grow your digital career. Create practical, hands-on digital plans, apps and projects from day one. Meet and work with real and virtual global businesses throughout your degree. Enjoy a full semester of work placement in Year 3 and continue working over the summer should you choose.

This degree is designed to ensure that you graduate with a wide range of skills to help you choose the career path you want to follow in life. You will assess the impact of digital technology on all types of business scenarios, learn to integrate social media tools into a marketing communications strategy, and effectively use different forms of digital marketing in the development of a global online presence. With a wide range of business subjects and assessments available on this course, students become independent thinkers, developing their own views on society and how to shape the world of digital business into the future.

## Why study this course?

Are you interested in social media, digital marketing, advertising, PR or branding? Do you want to work in a business with a strong social media presence...or no social media presence but which could hugely benefit from one? If so, then this degree, with a strong focus on management, marketing and specifically, digital marketing, is for you.

## What can I do after this course?

Graduates will possess the necessary business, marketing and digital skills and tools to work in a wide variety of positions across diverse corporate settings in roles such as: International Marketing Manager, Digital Influencer, Online Content Writer, Social Media Manager, Global Sales and Logistics, App and Website Designer, Human Resource Management, International Public Relations and Advertising.

Successful graduates are automatically eligible to join our Master of Business in International and Sustainable Business Strategy and MSc in Digital Marketing & Analytics. Research bursaries are offered annually to graduates wishing to undertake a Masters by Research at Level 9 or a Level 10 (PhD).

# Business Studies (Marketing and Management)

Bachelor of Business (Honours)		
Level 8	< >	<b>Course Code: US851</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 251</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> You will study a full range of business subjects, including Live Business Project; Web Design; Selling Techniques; Interactive Applications; Management & Marketing; Law; Human Resource Management; Strategic Management.
		No previous knowledge of business subjects is required, all modules are taught from scratch on the Level 8 & Level 6 courses.
		<b>Class Contact Hours:</b> 18 hours per week approx.
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Study Abroad in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Higher Certificate in Business</b>		
Level 6	< >	<b>Course Code: US612</b>
		<b>Duration: 2 Years</b>
		<b>CAO Points 2024: 316</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Progression to Level 7 &amp; Level 8: Yes (Add-on)</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.
<b>Contact Details: Business &amp; Humanities Faculty Office   Tel: 061 293857   Email: businessandhumanities@tus.ie</b>		

## What is this course about?

Business Studies (Marketing and Management) is available through the CAO at Level 8 and Level 6 at TUS.

This is a Business Studies degree which allows you to control what you study and how you learn. Conduct practical, hands-on business projects from day one. Meet and work with real businesses throughout your degree. Enjoy a full semester of Work Placement in Year 3 and continue working over the summer if you choose.

You can select from four different electives in International Business, Entrepreneurship, Personal and Professional Development, and Language and Culture every year of your course alongside all the major business subjects needed to choose the career that's right for you when you graduate.

This newly designed and modern course prepares students for employment at management level in a broad range of modern businesses, close to home or anywhere in the world. We explore practical, real-world applications of business principles through hands-on projects, work-based learning and small class sizes. With a wide range of subject choices and assessment types available on this course, students become independent and innovative thinkers, and develop their own views on society and how to shape the world of business into the future.

## Why study this course?

Marketing and Management is suitable for people who have an interest in local and global careers as a Marketing Manager, Digital Marketer, Brand Manager, Advertising/PR Executive and Retail Manager. This modern course prepares students for employment at management level in a broad range of global and local businesses.

## What can I do after this course?

Graduates will possess the necessary business, marketing and management skills and tools to work in a wide variety of positions across diverse corporate settings in roles such as Marketing Manager, Human Resource Management, Global Sales Executive, Entrepreneur/Intrapreneur, International Public Relations and Advertising, Business Technology Manager, Market Research, and Executive Management.

Successful graduates of the Level 8 honours degree are also automatically eligible to join our Master of Business in International and Sustainable Business Strategy and our MSc in Digital Marketing & Analytics.

Graduates of the Level 6 Higher Certificate can automatically progress to an add-on Level 7 degree and onwards to a Level 8 honours degree. This ladder system of learning allows you to obtain an honours degree in four years.

# Business Studies (Enterprise and Innovation)

Bachelor of Business (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US852</b>	<b>Modules at a glance:</b> You will study a full range of business subjects alongside a stream of dedicated Enterprise and Innovation modules. Modules include: Enterprise Development; Innovation & Creativity; SME Finance; Family Business Management; Live Business Project; Active Consultancy Project; Enterprise & Innovation Planning; Business Planning.  No previous knowledge of business subjects is required, all modules are taught from scratch.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 264</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
Bachelor of Business			
<b>Level 7</b>	< >	<b>Course Code: US723</b>	<b>Class Contact Hours:</b> 18 hours per week approx.  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Study Abroad in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 179</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Progression to Level 8: Yes (Add-on)</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Contact Details: Business &amp; Humanities Faculty Office   Tel: 061 293857   Email: businessandhumanities@tus.ie</b>			

## What is this course about?

Business Studies (Enterprise and Innovation) is available through the CAO at Level 8 and Level 7 at TUS.

Learn Entrepreneurship by doing Entrepreneurship on a Business Studies degree which allows you to control what you study and how you learn. Design and develop your own business ideas and business plans from day one. Meet and work with real business start-ups throughout your degree. Enjoy a full semester of Work Placement in Year 3 and continue working over the Summer if you choose.

Graduates will not only acquire and develop the creative thinking mindset necessary to succeed in new business ventures, but also the management skills and knowledge required to allow employment in established businesses and entrepreneurial support organisations.

An "Active Enterprise Consultancy" project in conjunction with real start-up enterprises in Year 3 along with the development of a full Business Plan in Year 4 are critical elements of the course. With a wide range of subject choices and assessment types available on this course, students become independent and innovative thinkers, and develop their own views on society and learn to create the business of the future for the future they want.

## Why study this course?

Graduates will not only acquire and develop the creative thinking mindset necessary to succeed in new business ventures, but also the business management skills required to allow employment in established businesses and entrepreneurial support organisations.

## What can I do after this course?

Graduates will possess the necessary enterprise, innovation, marketing and management skills and tools to set up their own business or work in a wide variety of creative positions across diverse corporate settings. Career paths include Entrepreneur/Ecological Entrepreneur/Digital Entrepreneur, Intrapreneur/Corporate Entrepreneur, Business Development Manager, Innovator and Change Manager, Entrepreneurial Mentor, General Business Management, Digital Start-Up Advisor, Creative Consultant, Venture Capitalist.

Successful graduates of the Level 8 honours degree are automatically eligible to join our Master of Business in International and Sustainable Business Strategy and our MSc in Digital Marketing and Analytics.

Successful graduates of the Level 7 degree can automatically progress to the 4th year of the Level 8 honours degree.

# International Business Studies

Bachelor of Business (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US854</b>	<b>Modules at a glance:</b> You will study a full range of Business subjects alongside streams of dedicated International, Language (French) and Culture modules. Modules include: The Multi-Cultural Team; Language & Culture; Cultural Concepts for a Global Economy; Global Sales & Strategy; International Work Placement; Live Business Project; International Marketing Strategies. No previous knowledge of business subjects is required, all modules are taught from scratch.  <b>Class Contact Hours:</b> 18 hours per week approx.  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Study Abroad in Year 2 &amp; Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 303</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 and 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Contact Details: Business &amp; Humanities Faculty Office   Tel: 061 293857   Email: businessandhumanities@tus.ie</b>			

## What is this course about?

Interested in the world of international business, discovering new cultures, and increasing your language skills? The BBus (Hons) in International Business Studies combines all the key, traditional business areas (marketing, management, finance, law, technology), with a special focus on the globalisation phenomena of the 21st century, to give you key insights into the dynamic global environment in which contemporary businesses operate.

This newly designed degree will equip you with the experience required of current graduates through innovative practical assignments, interactive classroom settings and the opportunity to enjoy two international placements throughout the four-year course. These international experiences will allow you to increase your foreign language competencies and build cultural awareness from both a societal and business perspective.

Your understanding of the international business landscape will unlock broad and varied career paths for you with employment possibilities in many sectors and industries. Possessing advanced language skills and benefitting from two overseas placements add further employability to your graduate profile. Your international experience and the cross-cultural competencies will set you apart from other business graduates.

## Why study this course?

As a graduate you will have the business, language and international skills to be the decision-making, problem-solving global industry leaders of the future. This degree gives you two opportunities to study and/or work abroad for a full semester

in 2nd and 3rd year. These international experiences will allow you to increase your foreign language competencies and build cultural awareness from both a societal and business perspective. Key course features also include a dedicated stream of language (French) and culture modules as a core, mandatory element of the degree, alongside a stream of specialist international and global content modules.

## What can I do after this course?

Areas of specialism for International Business graduates include sales and marketing, business development, trading, imports and exports, supply chain and logistics, financial trading, human resources, recruitment, communication, and public relations.

As an International Business graduate, you will be able to secure employment in businesses that serve different markets and operate in more than one country. Technology companies, banks, international agencies and business and management consultancies offer excellent job opportunities for International Business graduates. Graduate placement programmes are offered by large international organisations in the areas of marketing, sales development, recruitment, and business development.

The public sector offers excellent international experience in areas such as procurement, compliance, recruitment, management and public relations both in civil and diplomatic services and in European institutions.

# Construction and Built Environment



Scan the QR code to learn more about our Construction & Built Environment courses.

Year 1	Year 2	Year 3	Year 4
			<b>US760 Civil Engineering</b> <small>Add-On</small> <b>Civil Engineering Management</b>
			<b>US886 Civil Engineering Management</b>
			<b>US881 Quantity Surveying</b>
			<b>US885 Construction Management</b>
			<b>US882 Property Valuation &amp; Management</b>
			<b>US883 Built Environment (Common Entry)</b>
	<b>3 year specialisations following completion of US883</b> <b>Quantity Surveying; Construction Management; Property Valuation &amp; Management; Civil Engineering Management</b>		

Courses and Progression

## Level 8 Courses

- US886 Civil Engineering Management**  
Bachelor of Science (Honours) Ab Initio
- US885 Construction Management**  
Bachelor of Science (Honours) Ab Initio
- US882 Property Valuation & Management**  
Bachelor of Science (Honours) Ab Initio
- US881 Quantity Surveying**  
Bachelor of Science (Honours) Ab Initio

## Level 8 Courses

- US883 Built Environment (Common Entry)**  
3 year specialisations following completion of US883 Built Environment (Common Entry):
- **Civil Engineering Management**  
Bachelor of Science (Honours)
- **Construction Management**  
Bachelor of Science (Honours)
- **Property Valuation & Management**  
Bachelor of Science (Honours)
- **Quantity Surveying**  
Bachelor of Science (Honours)

## Level 7 Courses

- US760 Civil Engineering**  
Bachelor of Engineering

# Built Environment (Common Entry) \*

\* This is a one year common entry course

Bachelor of Science (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US883</b>
		<b>Duration:</b> 1 year with progression to Year 2 of the current Level 8 honours degrees in the Department of the Built Environment
		<b>CAO Points 2024: 300</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> Construction Technology; Services, Sustainability & Environmental Design; Introduction to Built Environment Studies; Economics for Construction & Property Specialists; Research & Technical Skills; Built Environment Law; Engineering Mathematics; Engineering Surveying.
		<b>Class Contact Hours:</b> 21 hours per week
		<b>Other Information:</b> • QQI FET/FETAC Applicants • Mature Applicants
<b>Contact Details: Mr. Liam Daly, Course Leader   Tel: 061 293311   Email: Liam.Daly@tus.ie</b>		

## What is this course about?

This is a one-year common entry course to the four honours degree courses in the Built Environment. Successful completion of this Common Entry Year will entitle the student to progress into Year 2 of the following courses, subject to availability of places:

- BSc (Hons) in Quantity Surveying
- BSc (Hons) in Property Valuation and Management
- BSc (Hons) in Construction Management
- BSc (Hons) in Civil Engineering Management

This course is offered on the CAO in addition to the four existing Level 8 honours degrees in the Department of the Built Environment.

The course aims to give the student the first stage of an academically challenging educational experience, that will enable the student to develop the knowledge, skills and competencies to serve both the construction industry and society, in whichever specialisation within the industry they progress to study in years 2, 3 and 4 of the Honours Degree courses in the Department of the Built Environment.

## Why study this course?

This Common Entry Year is suited to individuals who are looking for a career in the construction industry but not sure of the specialism they wish to pursue.

## What can I do after this course?

Successful completion of this Common Entry Year will enable students to progress to Year 2 of one of the following Level 8 courses in Built Environment at TUS Moylish campus – Civil Engineering Management, Construction Management, Property Valuation and Management, or Quantity Surveying.



# Civil Engineering Management

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US886</b>
		<b>Duration: 4 years</b>
		<b>CAO Points 2024: 358</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> Students will build their knowledge and skills through a range of modules in the following streams: Management topics: Project Management, Economics, etc. Structures, Surveying, Materials, etc. IT & BIM in Construction, Civil Engineering Contracts & Administration, Sustainability in Civil Engineering, Construction Technology & Building Regulations, Research & Self-Directed Learning, Work Placement year for 9-12 months.
		<b>Class Contact Hours:</b> 20 hours per week
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Contact Details: Mr. Peter Armstrong</b> , Course Leader   <b>Tel:</b> 061 293350   <b>Email:</b> Peter.Armstrong@tus.ie		

## What is this course about?

This course is designed in partnership with industry and uniquely merges civil engineering with management skills. It provides graduates with the knowledge, skills and techniques used in civil engineering management. It is a four year course with two years full-time study, one year of practical work experience (or equivalent) and a final year of full-time study.

Graduates will be able to manage the construction and maintenance of infrastructural developments. Such work would include bridges, marine works, tunnels, motorways, railways, airfields and environmental projects including water and wastewater systems, pipelines, waste management and residential, commercial and industrial buildings.

## Professional Links:

The degree is accredited by the Chartered Institute of Building (CIOB) and Engineers Ireland.

## Why study this course?

The course is suited to students from second level and mature students who wish to work in the construction and civil engineering industry in Ireland or abroad mainly in a management capacity.

## What can I do after this course?

Employment opportunities include positions as Site Engineer, Civil Project Management, Civil Engineering Contractor, Consulting Civil Engineer. Our graduates are employed by Local Authorities, Civil Engineering contractors and Consulting Engineers. Graduates can also progress to postgraduate courses at TUS and other 3rd level universities and colleges.

# Civil Engineering

Bachelor of Engineering		
Level 7	< >	<b>Course Code: US760</b>
		<b>Duration: 3 years</b>
		<b>CAO Points 2024: 234</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Progression to Level 8: Yes (Add-on)</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> Students will build their knowledge and skills through a range of modules in the following streams: Science & Mathematics; Surveying; Materials; ICT, Graphics & Building Information Modelling; Construction Technology; Structures & Mechanics; Water & Environmental Engineering; Highway Engineering; Engineering Practice, Work Placement.
		<b>Class Contact Hours:</b> 17-23 hours per week
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Contact Details: Mr. Michael O'Shea</b> , Course Leader   <b>Tel:</b> 061 293310   <b>Email:</b> Michael.OShea@tus.ie		

## What is this course about?

Civil engineering deals with the design, construction and maintenance of the physical and built environment. Civil engineers improve and protect the world around us, through planning, designing and building the facilities we use every day, from houses to factories to transport systems. This course is designed to provide Civil Engineering graduates to the construction and civil engineering industry and provides many transferable skills. The areas of speciality include Civil Engineering, Construction, Geotechnical Engineering, Highway Engineering, Public Health Engineering and Structural Engineering.

Graduates are equipped to undertake challenging and responsible activities on site, in the laboratory or the design office. During the course, there are opportunities for students to participate in site visits, organised by the course team. A work placement in Year 3 allows students to gain valuable industry experience.

## Professional Links:

The degree is accredited by Engineers Ireland and the Chartered Institute of Civil Engineering Surveyors.

## Why study this course?

Civil Engineering is suited to students from second level and mature students who wish to work in the construction and civil engineering industry in Ireland and abroad.

## What can I do after this course?

Graduates can seek employment with both private sector and public sector organisations such as Local Authorities, Building and Civil Engineering Contractors and Consulting Engineers. Graduates work in positions such as Civil Engineer, Civil Engineering Technician, Structural Engineering Technician, Site Engineer.

Graduates may also progress to the final year of the Level 8 honours degree in Civil Engineering Management in TUS.

# Construction Management

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US885</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 280</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> Students will build their Construction Management knowledge and skills through a range of modules in the following streams: Construction Technology, Economics, Sustainable Building Systems, Land Surveying, Computer Aided Design, Building Information Modelling & Virtual Design, Construction Law, Management Practice, Construction & Project Management, Work Placement.
		<b>Class Contact Hours:</b> 20 hours per week
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Contact Details:</b> Mr. Redmond Condon, Course Leader   Tel: 061 293166   Email: Redmond.Condon@tus.ie		

## What is this course about?

Construction Management is all about managing the construction process and meeting the needs of clients within legal, financial and environmental constraints. Construction Managers require a combination of engineering knowledge, good business and organisation skills and a capacity for leadership in managing the building process.

You will develop an in-depth knowledge and understanding of the construction process and the necessary theoretical knowledge to match solutions to construction problems; the management skills to plan, organise and manage construction projects and the ability to contribute to the construction process in a manner that sustains and enhances the natural and the built environments. This includes the responsibility for coordinating a wide variety of skilled workers and specialists and leading them in the implementation of the plan, monitoring progress against the required objectives, and making adjustments to ensure that the goals originally set forth are achieved. The work placement in Year 3 will allow you to gain valuable industry experience.

Construction Management graduates are also involved in organising the resources required – labour, materials, equipment, time and money and translating the work of designers such as architects and engineers into reality.

## Professional Links - Accredited by:

- The Chartered Institute of Building (CIOB)
- The Chartered Association of Building Engineers (CABE).
- Engineers Ireland.

## Why study this course?

Students from second level and mature students who wish to work in the construction industry in Ireland or abroad, mainly in a management and technical capacity.

## What can I do after this course?

Graduates are in very high demand and are employed in management roles across the construction industry sector. Positions that graduates can work in include Construction and Project Management, Contract Management, Quality Management, Site Management, Site Engineering.

**CONSTRUCTION OPEN DAY**  
**Moylish Campus, Limerick**  
**10th December 2024**

# Property Valuation and Management

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US882</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 306</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> Students will build their Property Valuation and Management knowledge and skills through a range of modules in the following areas: Property Valuations, Property Management, Real Estate Agency, Land Use Planning, Law, Economics, Financial Management, Sustainability, Information Technology and Research Skills, Work Placement.
		<b>Class Contact Hours:</b> 20 hours per week
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Accredited by SCSi</li> </ul>
<b>Contact Details:</b> Ms. Máire Daly, Course Leader   Tel: 061 293309   Email: Maire.Daly@tus.ie		

## What is this course about?

This is a four-year honours degree course incorporating three academic years and one full year of industrial work placement in third year. The aim of the course is to develop a property professional who possesses the knowledge, skills and competencies required to work in the diverse sectors of the property industry such as valuation, estate agency, marketing, property management, investment, development, corporate real estate, research and land-use planning.

The course offers a business-based qualification and covers residential, commercial, agricultural and specialist property. This degree is fully accredited by the Society of Chartered Surveyors Ireland (SCSI) and has international recognition through the Royal Institution of Chartered Surveyors (RICS). The course meets the minimum educational requirements required to work as a property services provider under the Property Services (Regulation) Act 2011.

## Why study this course?

The broad-based nature of the career opportunities available to property graduates means it will appeal to many students. For example, individuals who enjoy getting out and about and meeting people may be suited to the agency side of the industry, while those who enjoy working with numbers may be attracted to the professional services or valuations.

## What can I do after this course?

Career opportunities for graduates include Estate Agent, Auctioneer, Chartered Surveyor, Property Valuer, Property Manager, Property Consultant, Residential Agent, Commercial Agent. Graduates have also gained employment in Local Authorities, Regeneration Agencies and Voluntary Housing Organisations.

Some graduates work for companies such as CBRE, Jones Lang LaSalle, Lisney, Savills, Sherry Fitzgerald, Bord Gais Energy, and Local Authorities (Planning and Housing departments).

# Quantity Surveying

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US881</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 308</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> Students will build their knowledge and skills through a range of modules. Course themes include: Measurement & Cost Modelling, Technology & Services, Economics & Costing, Legal Issues, Management Issues, and Research, Work Placement.
		<b>Class Contact Hours:</b> Year 1: 21 hours per week Year 2: 21 hours per week Year 3: Work Placement year Year 4: 17 hours per week
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Contact Details:</b> Mr. Michael Mooring, Course Leader   Tel: 061 293332   Email: Michael.Mooring@tus.ie		

## What is this course about?

The profession of quantity surveying is at the forefront of construction economics and management. This honours degree has been developed in partnership with industry and is unique in providing a 12-month work placement for students in year 3. The placement programme called the 'Active Learning Year' is organised by TUS and its industry partners.

There is a constant demand for quantity surveying services in both Ireland and globally as clients seek to achieve a more sustainable and economically efficient built environment. Increasingly quantity surveyors are being used in a number of wide and diverse client support roles where they offer strategic advice in areas such as economics; law; technology; capital allowances and taxation. This diversity of roles combines to create a sustainable demand for the specialist expertise of the quantity surveyor.

## Professional Links – Accredited by:

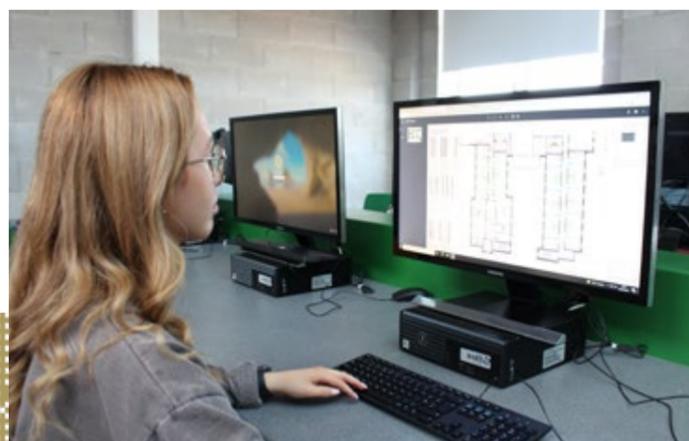
- The Society of Chartered Surveyors Ireland (SCSI).
- The Chartered Institute of Building (CIOB).
- The Chartered Institution of Civil Engineering Surveyors (CICES)

## Why study this course?

Quantity Surveying is suitable for people who wish to pursue a professional career in the development and management of building and infrastructure projects, particularly from the perspective of the technology, economics, legal and project management disciplines.

## What can I do after this course?

Job opportunities for graduates include positions as Quantity Surveyor (Contractors / Mechanical & Electrical / Consultant), Construction Economist, Cost Engineer, Cost Planner, Estimator, Facilities Manager, Capital Allowances Consultancy, Procurement Specialist.



# Engineering



Scan the QR code to read more about our Engineering Courses

Year 1	Year 2	Year 3	Year 4
US750 Electrical Engineering			Electrical Engineering <a href="#">Add-On</a>
US900 Electrical Engineering			
US751 Electronic Engineering with Computer Systems			Electronic Engineering with Computer Systems <a href="#">Add-On</a>
US903 Electronic Engineering with Computer Systems			
US752 Renewable & Electrical Energy Engineering			Renewable & Electrical Energy Engineering <a href="#">Add-On</a>
US901 Renewable & Electrical Energy Engineering			
US753 Robotics & Automation Engineering			Robotics & Automation Engineering <a href="#">Add-On</a>
US902 Robotics & Automation Engineering			
US769 Agricultural Engineering			Mechanical Engineering <a href="#">Add-On</a>
US771 Mechanical Engineering			Mechanical Engineering <a href="#">Add-On</a>
US911 Mechanical Engineering			
US774 Precision Engineering			Precision Engineering <a href="#">Add-On</a>
US914 Precision Engineering			
US779 Engineering Technology Management			Engineering Technology Management
US909 Engineering Technology Management			
US775 Road Transport Technology & Management			Automotive Engineering & Transport Management <a href="#">Add-On</a>
US915 Automotive Engineering & Transport Management			
US651 Agricultural Mechanisation		Agricultural Engineering <a href="#">Add-On</a>	US915 Automotive Engineering & Transport Management
		Road Transport Technology & Management	

Courses and Progression

## Level 8 Courses

- US900 Electrical Engineering**  
Bachelor of Engineering (Honours) Ab Initio
- US903 Electronic Engineering with Computer Systems**  
Bachelor of Engineering (Honours) Ab Initio
- US901 Renewable & Electrical Energy Engineering**  
Bachelor of Engineering (Honours) Ab Initio
- US902 Robotics & Automation Engineering**  
Bachelor of Engineering (Honours) Ab Initio
- US915 Automotive Engineering & Transport Management**  
Bachelor of Engineering (Honours) Ab Initio
- US911 Mechanical Engineering**  
Bachelor of Engineering (Honours) Ab Initio

- US914 Precision Engineering**  
Bachelor of Engineering (Honours) Ab Initio
- US909 Engineering Technology Management**  
Bachelor of Engineering (Honours) Ab Initio
- Level 7 Courses**
- US769 Agricultural Engineering**  
Bachelor of Engineering
- US750 Electrical Engineering**  
Bachelor of Engineering
- US751 Electronic Engineering with Computer Systems**  
Bachelor of Engineering
- US752 Renewable & Electrical Energy Engineering**  
Bachelor of Engineering

- US753 Robotics & Automation Engineering**  
Bachelor of Engineering
- US771 Mechanical Engineering**  
Bachelor of Engineering
- US779 Engineering Technology Management**  
Bachelor of Engineering

## Level 6 Courses

- US651 Agricultural Mechanisation**  
Higher Certificate in Engineering

## Add-on Courses

- Mechanical Engineering (Facilities)**  
Bachelor of Engineering (Honours)
- Process & Engineering Management**  
Bachelor of Science (Honours)

# Agricultural Mechanisation

Higher Certificate in Engineering		
Level 6	< >	Course Code: US651
		Duration: 2 Years
		CAO Points 2024: 254
		Location: Moylish Campus, Limerick & Salesian Agricultural College, Pallaskenry, Co. Limerick
		Progression to Level 7: Yes (Add-on)
		Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Applicants are advised that those with a grade less than O4 in Ordinary level Mathematics may have difficulty coping with the Mathematics content of this course.</i>
		<p><b>Modules at a glance:</b> Tractor Engineering &amp; Workshop Processes, Electrical &amp; Electronic Technology, Machinery Operations, Agricultural Engineering Science &amp; Maths, Computer Applications including CAD, Project. Industrial Placement, Intermediate Tractor Engineering, Business Management, Workshop Administration, Computing Agricultural Engineering.</p> <p><b>Class Contact Hours:</b> 9 hours of class, 18 hours of practical per week</p> <p><b>Other Information:</b></p> <ul style="list-style-type: none"> <li>• Work Placement – 30 weeks</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• This award meets the training requirements for stamp duty exemption and DAFM schemes.</li> </ul>
<p><b>Contact Details:</b> Mr. Colm Egan, Course Leader   Tel: 061 393100   Email: Colm.Egan@pallaskenry.com   Web: www.pallaskenry.com   FTMTA companies: www.ftmta.ie</p>		

## What is this course about?

This course provides students with education and training to work within the area of Agricultural Technology. The focus of this course is firmly on the provision of skilled technicians for the farm machinery industry in Ireland. Course content includes tractor engineering and workshop process, machinery operation, electrical and electronic technology, administration and management, engineering science and mathematics, engineering drawing and CAD and computer studies, project and industrial placement together with a high degree of personal and practical skills. Students will be taught a mix of technology, practical, academic, administrative and managerial modules which will prepare them to carry out complex diagnostics and repairs of modern machinery and to be receptive to future technological developments to take advantage of vacancies that will arise within the industry.

The course has a high practical content with the inclusion of a 30-week work placement in approved training locations such as main garages, contractors and fabricators. Students will also have the opportunity to complete the work placement in the United States with large scale combine or forage crews. The placement will give students the job skills necessary for today's employment market.

Successful graduates will also receive the Green Certificate in Agriculture from Teagasc.

This course is run in conjunction with the Salesian Agricultural College, Pallaskenry, Co. Limerick. In Year 1, 4 days are delivered in Pallaskenry with 1 day attendance at TUS Moylish campus in Limerick. In Year 2, 3 days are delivered in Pallaskenry and 2 days in TUS.

**Note:** Salesian Agricultural College, Pallaskenry, Co Limerick (SACP) charge a separate additional fee to students on course US651 to cover the cost of Food, Materials (and if availed of Accommodation) at Pallaskenry. For details please contact SACP at 061 393100 or see: [www.pallaskenry.com](http://www.pallaskenry.com)

## Why study this course?

The course is suited to those with an interest in understanding and learning about agricultural machinery. It has a good balance of theory and practical work and is suited to those people who prefer 'hands-on' work and who want to be able to maintain and operate farm machinery.

## What can I do after this course?

Graduates can progress into Year 3 of the Level 7 Bachelor of Engineering in Agricultural Engineering degree or to the Level 7 Bachelor of Engineering in Road Transport Technology and Management degree at TUS.

Job opportunities include Machinery Dealerships, Machinery Importers, Machinery Manufacturers, Agricultural Contractors, Heavy Plant Operators, Trades.

# Agricultural Engineering

Bachelor of Engineering		
Level 7	< >	Course Code: US769
		Duration: 3 Years
		CAO Points 2024: 303
		Location: Moylish Campus, Limerick & Salesian Agricultural College, Pallaskenry, Co. Limerick
		Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Applicants are advised that those with a grade less than O4 in Ordinary level Mathematics may have difficulty coping with the Mathematics content of this course.</i>
<p><b>Contact Details:</b> Mr. Niall Enright, Course Leader   Tel: 061 293000   Email: Niall.Enright@tus.ie</p>		

## What is this course about?

This course provides students with education and training to work within the area of Agricultural Technology. The focus of this course is firmly on the provision of skilled technicians for the farm machinery industry in Ireland. Course content includes tractor engineering and workshop process, machinery operation, electrical and electronic technology, administration and management, engineering science and mathematics, engineering drawing and CAD and computer studies, project and industrial placement together with a high degree of personal and practical skills. Students will be taught a mix of technology, practical, academic, administrative and managerial modules which will prepare them to carry out complex diagnostics and repairs of modern machinery and to be receptive to future technological developments to take advantage of vacancies that will arise within the industry.

The course has a high practical content with the inclusion of a 30-week work placement in approved training locations such as main garages, contractors and fabricators. Students will also have the opportunity to complete the work placement in the United States with large scale combine or forage crews. The placement will give students the job skills necessary for today's employment market. Successful graduates will also receive the Green Certificate in agriculture from Teagasc.

This course is run in conjunction with the Salesian Agricultural College, Pallaskenry, Co. Limerick. In Year 1, 4 days are delivered in Pallaskenry with 1 day attendance at

TUS Moylish campus in Limerick. In Year 2, 3 days are delivered in Pallaskenry and 2 days in TUS.

This award meets the training requirements for stamp duty exemption and DAFM schemes.

**Note:** Salesian Agricultural College, Pallaskenry, Co Limerick charge a separate additional fee to students on the course cover the cost of Food, Materials (and if availed of Accommodation) at Pallaskenry. For details please contact SACP at 061 393100 or see: [www.pallaskenry.com](http://www.pallaskenry.com)

## Why study this course?

The course is suited to those with an interest in understanding and learning about agricultural machinery. It has a good balance of theory and practical work and is suited to those people who prefer 'hands-on' work and who want to be able to maintain and operate farm machinery.

## What can I do after this course?

Graduates may continue on to suitable Level 8 Bachelor of Engineering/Science honours degree course in TUS such as Mechanical Engineering. Employment opportunities for graduates include Technical/Engineering Drafting, Field Technician, Service and Diagnostic Technician, Agricultural Engineering Manufacturing, Agricultural Engineering System Maintenance and Management, Agricultural Engineering Sales, Service, etc.

# Automotive Engineering & Transport Management

Bachelor of Engineering (Honours)		
Level 8	< >	Course Code: <b>US915</b>
		Duration: <b>4 Years</b>
		CAO Points 2024: <b>314</b>
		Location: <b>Moylish Campus, Limerick</b>
		Entry Requirements: <b>Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.  <i>Note: Candidates who hold a Senior Trade Certificate and/or National Craft Certificate in the Motor Trade area will be considered for admission to Year 3 of the course. Holders of a National/Higher Certificate (Level 6) in Engineering or Technology may be considered for admission to Year 2 or 3 of the course.</i>
		<p><b>Modules at a glance:</b> Students will build their knowledge and skills through a range of modules, including: Automobile Vehicle Technology (electrical &amp; mechanical), Engineering Maths &amp; Science, Computing, Vehicle Retail Management, CAD, Heavy Vehicle Technology, Logistics Management, Road Transport &amp; Fleet Operations, Transport Safety Management, Management Science, Work Placement (full semester), Automotive Materials, Process Statistics, Transport Engineering Management, Decision Modelling, Research Project.</p> <p><b>Class Contact Hours:</b> Year 1: 26 hours per week. Year 2: 24 hours per week. Year 3: 17 hours per week. Year 4: 17 hours per week</p> <p><b>Other Information:</b></p> <ul style="list-style-type: none"> <li>• Work Placement in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Other Applicants – Senior Trade Certificate/ National Craft Certificate</li> </ul>
<b>Contact Details:</b> Mr. Shane McAuliffe, Course Leader   Tel: 061 293000   Email: Shane.McAuliffe@tus.ie		

## What is this course about?

This course is a mix of engineering, technological and management skills specifically related to the automotive engineering and transport management sectors.

Students will be exposed to concepts and ideas that will allow them to develop the necessary competencies to launch a career in the Automotive Engineering and the Freight Transport, Distribution and Logistics (FTDL) and Passenger Transport sectors. A full semester of work placement in Year 3 allows students to gain valuable industry experience.

## Why study this course?

This course is suited to people interested in pursuing a career in automotive engineering and the Freight Transport, Distribution and Logistics (FTDL) and Passenger Transport sectors.

## What can I do after this course?

Graduates can obtain positions in areas including: Automotive Engineering, Vehicle Safety, Compliance and inspection Management, Mechatronics Engineering, Vehicle Diagnostics, Manager in logistics sector, Supply Chain Management, Transport operations management (Goods & Passenger), Dealership management in passenger car & heavy vehicle sector, Management in passenger car & heavy vehicle sector distributors, Fleet Manager, Medical Device Technician

Graduates can become members of the Chartered Institute of Logistics and Transport (CILT) and can take the Certificate of Professional Competence (CPC) exam at a reduced fee.

# Electrical Engineering

Bachelor of Engineering (Honours)		
Level 8	< >	Course Code: <b>US900</b>
		Duration: <b>4 Years</b>
		CAO Points 2024: <b>347</b>
		Location: <b>Moylish Campus, Limerick</b>
		Entry Requirements: <b>Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish and a minimum of a grade O4 in Ordinary Level Mathematics.
<b>Modules at a glance:</b> On the Level 7 & Level 8 degrees, students will study a range of modules in: Advanced Automation Design, Electrical Power Systems, Advanced PLCs, HMI & SCADA, Process Instrumentation & Calibration, Maths for Electrical Engineers, Electrical Testing & Fault finding, Electrical Machines & Power Distribution, Industrial Installation, CISCO IP Networking, Engineering Professional Development, Industrial Control Fundamentals, Electrical Installation, Final Year Project, Work Placement, Energy Storage & Analysis.		
<b>Other Information:</b>		
<ul style="list-style-type: none"> <li>• Work Placement in Year 3 on Level 8 &amp; Level 7 degrees</li> <li>• Accredited by Engineers Ireland</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>		
<i>Note: Non-CAO applicants holding a suitable Craft Certificate or Level 6 Higher Certificate may qualify for advanced entry to Year 2 or 3. Those with a suitable Level 7 qualification may qualify for advanced entry to Year 3 or 4. Applicants should apply directly to TUS for consideration for advanced entry.</i>		
<b>Contact Details:</b> Department of Electrical & Electronic Engineering   Tel: 061 293000   Email: electrical.midwest@tus.ie		

## What is this course about?

Electrical Engineering is available through the CAO at Level 8 and Level 7 at TUS.

Electrical Engineering is a diverse and challenging profession concerned with the design, development and control of electrical energy and equipment upon which our technological society so largely depends. Electrical engineers utilise their knowledge of devices and systems design in a multitude of areas. These include generation, transmission, distribution, control and usage of electrical energy in a safe, economic and sustainable way.

Our Electrical Engineering courses are nationally accredited and internationally recognised and provide a comprehensive study of electrical principles, practices and applications, providing graduates with the key skills necessary to perform roles in several industry disciplines, including power systems operation and protection, maintenance and commissioning of control and automation systems. It develops advanced knowledge in the areas of Electrical Power Systems and Power Quality and Advanced Control and Automation Systems.

This course includes practical and project-based learning in well-equipped modern laboratories in a broad-based curriculum with strong practical content. It allows students to work in industry with placement on Year 3 of the course.

The course introduces students to key relevant technologies and the knowledge necessary for employment in the electrical and automation sectors. The department maintains close links with local industries and consequently many of our graduates are offered employment even before graduation.

## Why study this course?

Do you have an interest in how things work? Do you like engineering, taking things apart, putting them back together again? If you have an enquiring mind and a practical aptitude and would like to work with electrical systems in industry, then Electrical Engineering at TUS is for you.

## What can I do after this course?

Graduates of this course have worked in positions such as: Electrical Engineer, Advanced Control/Automation Systems, Energy Management, Electrical Power Systems, Power Quality, Robotics Engineer. Successful graduates of the Level 8 course are eligible for Level 9 and 10 postgraduate programmes within TUS or elsewhere.

# Electronic Engineering with Computer Systems

Bachelor of Engineering (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US903</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 278</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish plus a minimum of a grade O4 in Ordinary Level Mathematics.
<b>Modules at a glance:</b> On the Level 7 & Level 8 degrees, students will build their knowledge and skills through a range of modules in the following streams: Electrical Principles, Digital Electronics, Analogue Electronics, PCB Design, Mathematics, Embedded Systems, HDL Design, Digital Communications, Networking, Microcontrollers, C Programming, Professional Development, Project, Work Placement.		
<b>Other Information:</b>		
<ul style="list-style-type: none"> <li>• Work Placement in Year 3 on Level 8 &amp; Level 7 degrees</li> <li>• Accredited by Engineers Ireland</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>		
<b>Note:</b> Non-CAO applicants holding a suitable Craft Certificate or Level 6 Higher Certificate may qualify for advanced entry to Year 2 or 3. Those with a suitable Level 7 qualification may qualify for advanced entry to Year 3 or 4. Applicants should apply directly to TUS for consideration for advanced entry.		
<b>Contact Details: Department of Electrical and Electronic Engineering   Tel:</b> 061 293000   <b>Email:</b> electronics.midwest@tus.ie		

## What is this course about?

Electronic Engineering with Computer Systems is available through the CAO at Level 8 and Level 7 at TUS.

The modern day 'smart economy' is powered by equally smart electronic circuits and systems. Electronic Engineering with Computer Systems provides graduates with a range of practical skills and competences in the areas of hardware development and validation, product software development, embedded systems and digital communications – all highly relevant skillsets for the innovative Electronic Engineer.

The course starts off with basic analogue and digital circuits and programming and progresses towards the development of modern-day intelligent circuits and systems. It includes practical and project-based learning and professional development in well-equipped modern laboratories.

The hands-on nature of this course means that you learn more than just the theory, you learn the skills that will put you a step ahead of the competition upon graduation, and a work placement in year 3 allows students to work in industry. The wide scope of this course gives you many possible career paths and allows you to develop your strengths for future employment.

Direct entry onto year 4 is possible for learners with appropriate existing level 7 qualifications.

## Why study this course?

If you are interested in having advanced knowledge in the areas of electronic design, quality control and systems engineering in electronics, telecommunications and embedded systems, this course is for you.

## What can I do after this course?

Job opportunities for graduates include: Electrical Engineer, Embedded Systems Design, Digital Systems Design, Electronic Systems Design, Electronic Systems Validation, Digital Communications Systems.

Successful graduates of this course are eligible for Level 9 and 10.

# Renewable and Electrical Energy Engineering

Bachelor of Engineering (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US901</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 304</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish plus a minimum of a grade O4 in Ordinary Level Mathematics.
<b>Modules at a glance:</b> 1st year brings students up to the required standard in Maths and Engineering Science and introduces the fundamentals of Energy, Electrical & Automation systems. In years 2 & 3 specialist modules cover the key renewable technologies, solar, wind & thermal, the generation & distribution of electrical power and the monitoring & control of energy & electrical systems. 3rd year finishes with a 6-month industry-based work placement. In year 4 there are advanced modules on the operation and control of electrical powers systems with emphasis on integrating renewable generation, on the planning and management of energy systems and projects and on the analysis of energy data, as well as a major student project.		
<b>Other Information:</b>		
<ul style="list-style-type: none"> <li>• Work Placement in Year 3 on Level 8 &amp; Level 7 degrees</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Accredited by Engineers Ireland</li> <li>• SSE Airtricity Wind Farm visit</li> <li>• Kirby Electrical – Scholarship</li> <li>• F4 Energy – Student Scholarship</li> </ul>		
<b>Note:</b> Non-CAO applicants holding a suitable Craft Certificate or Level 6 Higher Certificate may qualify for advanced entry to Year 2. Those with a suitable Level 7 qualification may qualify for advanced entry to Year 3 or 4. Applicants should apply directly to TUS for consideration for advanced entry.		
<b>Contact Details: Department of Electrical &amp; Electronic Engineering   Tel:</b> 061 293000   <b>Email:</b> renewables.midwest@tus.ie & <b>Andrea Bourke</b>   <b>Email:</b> Andrea.Bourke@tus.ie		

## What is this course about?

Renewable and Electrical Energy Engineering is available through the CAO at Level 8 and Level 7 at TUS. Ireland has a target of generating 80% of its electricity from renewable sources by 2030. At the same time, Ireland's electricity demand is predicted to grow by 30-50%. The country has also a very ambitious target of a 50% greenhouse gas emissions reduction by 2030 and key to achieving it will be the electrification of private transport and domestic heating and improved energy efficiency. Meeting these targets will require huge investment in renewable generation and electricity distribution systems and will create jobs and demand for engineers and technicians with the right skills.

This course covers all the technologies needed to produce energy and in particular electrical energy from renewable sources, to monitor and control energy systems and to connect them to the electricity grid. It is a mixture of theory and practical hands-on learning in all aspects of Renewable Energy Technology, electrical technology and automated monitoring and control systems. The skills learned on the course can be used in a wide range of industries and good graduates are in high demand.

## Why study this course?

This course will appeal to anyone interested in a career in the expanding renewable energy, energy efficiency, electrical or control systems sectors. The course covers a broad range of technologies which can be applied in many different sectors and past graduates now work in a wide variety of industries. It is not necessary to have studied Engineering for the Leaving Certificate - all the required engineering science and practical skills are covered within the course.

## What can I do after this course?

Completion of the course will allow you to have a career in areas such as Design, Implementation and Optimisation of Renewable Energy Systems; Energy Management; and Electrical Systems Engineering.

Typical employers include Eirgrid, ESB Networks, Enercon, Nordex, SL Controls, Crowley Carbon, and ResourceKraft Energy Management. You can also continue to Masters and PhD studies, either in TUS or other institutes and universities.

# Robotics and Automation Engineering

Bachelor of Engineering (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US902</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 328</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish plus a minimum of an O4 in Ordinary Level Mathematics.
<b>Modules at a glance:</b> On the Level 7 & Level 8 degrees, students will build their knowledge and skills through a range of key streams, including: Maths & Science, Automation, Robotics & Vision, Programming, Electrical, Electronics, Mechanical, Engineering Professional Development, including Work Placement.		
<b>Other Information:</b>		
<ul style="list-style-type: none"> <li>• Work Placement in Year 3 on Level 8 &amp; Level 7 degrees</li> <li>• Accredited by Engineers Ireland</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>		
<b>Note:</b> Non-CAO applicants holding a suitable Craft Certificate or Level 6 Higher Certificate may qualify for advanced entry to Year 2 or 3. Those with a suitable Level 7 qualification may qualify for advanced entry to Year 3 or 4. Applicants should apply directly to TUS for consideration for advanced entry.		
<b>Contact Details: Department of Electrical &amp; Electronic Engineering   Tel: 061 293000   Email: automation.midwest@tus.ie</b>		

## What is this course about?

Robotics and Automation Engineering is available through the CAO at Level 8 and Level 7 at TUS.

This is a multidisciplinary engineering course. It has an excellent graduate employment rate and provides graduates with a range of practical skills and competences in areas such as: Electro-Mechanical, Electronics, PLCs, SCADA, Control and Instrumentation, Industrial Networks, Data Modelling, Motion Control, Robotics and Software Engineering.

Manufacturing in Ireland is highly automated and there is a move towards Industry 4.0, the smart factory, which is advancing manufacturing operations in Ireland. Modern automated production lines will involve data exchange, cyber-physical systems, the Internet of Things and cloud computing. It is this advancement that requires a course such as Robotics and Automation Engineering to develop and ensure that technicians and engineers leave the course with skills and competences that allow them to design, commission, debug and repair intelligent machines, including industrial robots and flexible manufacturing systems.

The course includes practical and project-based learning in well-equipped modern laboratories and builds the practical aptitude of students and the work placement in year 3 gives students valuable industry experience. The skills learned on

the course are transferable across a range of sectors such as biomedical, automotive, food processing and electronic manufacturing sectors.

Direct entry onto Year 4 is possible for students with appropriate existing Level 7 qualifications. Direct entry to year 2 is possible for suitably qualified Phase 6 Electricians.

## Why study this course?

Robotics and automation is a fascinating area of study. If you are interested in how things work, have a logical mind, have an appreciation of the power of automation, and of how much it is going to impact our lives in the future, then you will enjoy and be successful in this area.

## What can I do after this course?

As a graduate, you will have the skills that will allow you to work with highly automated and robotic manufacturing systems.

Job opportunities for graduates include careers in the areas of: Automation Engineer, Robotics Engineer, PLC and SCADA Engineer, Automation Controls Engineer, Machine Vision Engineer, Equipment Engineer, Systems Integrator, Validation Engineer, Data Engineer, Process/Plant Engineer, Manufacturing Systems Engineer, Machine Design Engineer, Automation Project Management Engineer.

# Mechanical Engineering

Bachelor of Engineering (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US911</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 318</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
<b>Modules at a glance:</b> Students on the Level 8 & Level 7 degrees will build their knowledge and skills through a range of modules. First year modules will include: Mechanical Engineering Science, Mechanical Engineering Maths, Engineering Technology, Mechanical CAD & Design, Electrical & Electronic Technology, Industrial Pneumatics, Engineering Computing. Students will build on these modules as they progress through the course.		
<b>Other Information:</b>		
<ul style="list-style-type: none"> <li>• Work Placement in Year 3 on Level 8 &amp; Level 7 degrees</li> <li>• Accredited by Engineers Ireland</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>		
<b>Note:</b> Candidates who hold a Senior Trade Certificate and/or National Craft Certificate with appropriate endorsements or examination attainments in a cognate area will also be considered for entry, subject to a satisfactory interview. Holders of a National/Higher Certificate (Level 6) in Engineering or Technology may be considered for admission to Year 2 or 3 of these courses.		
<b>Contact Details: Faculty Office   Tel: 061 293000   Email: FEBE.Midwest@tus.ie</b>		

## What is this course about?

Mechanical Engineering is available through the CAO at Level 8 and Level 7 at TUS and has been designed to provide students with a broad understanding of Mechanical Engineering. Mechanical Engineers are involved with almost every aspect of our daily lives, innovating and designing machines from computers to power generators to medical equipment. A Mechanical Engineering qualification offers graduates a huge variety of career paths across a wide range of industries.

The course focuses on the practical aspects of Mechanical Engineering, such as Computer Aided Design, Engineering Processes and Maintenance, Refrigeration and Air Conditioning, Plant Engineering, Instruments and Control, etc. Mechanical Engineers apply sophisticated computer-based tools and equipment such as Computer Aided Design (CAD), robotics and computer-controlled manufacturing systems to aid the quality and speed of machinery production. The course is taught with a practical, hands-on approach, giving students the skills needed for the employment market. A 20-week work placement from January to May in year 3 allows students to gain valuable work experience.

We welcome applications from holders of apprenticeships in the mechanical trades, and from persons with manufacturing backgrounds, that wish to upgrade their skills and qualifications. Direct entry into Year 2 is possible for suitably qualified applicants with Craft qualifications or manufacturing backgrounds.

## Why study this course?

If you are curious by nature and believe that you would enjoy working with complex machinery, then Mechanical Engineering is for you. You will learn how to build, repair, modify, design and fault-find modern mechanical systems and technologies. The course has a significant amount of practical work involved and you will acquire excellent skills and knowledge.

## What can I do after this course?

Our Engineering graduates work for companies such as ARUP, Regeneron, Kirby Group, Jacobs Engineering, Vistakon, Boston Scientific, ESB, etc.

Positions that graduates work in include: Product Design Engineer, Mechanical Engineer, Facilities Engineer, Design Engineer, and Building Operations Supervisor.

## ENGINEERING WEEK 2024

9th – 13th December

Moylish Campus, Limerick

Contact us to learn more about **Engineering Week 2024** events and our **Engineering Campus Visits** programme.

# Mechanical Engineering (Facilities) (Add-on)

Bachelor of Engineering (Honours)		
Level 8	< >	<b>Course Code: Add-on</b>
		<b>Duration: 1 Year add-on honours degree following Level 7 degree US771</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements:</b>
		<ul style="list-style-type: none"> <li>A pass in a relevant Bachelor Degree (Level 7) in a relevant field with an overall average performance of 50%</li> <li>An equivalent qualification to a Bachelor Degree (Level 7) with appropriate pre-requisite subjects.</li> <li>A pass in a relevant Bachelor Degree (Level 7) with one year suitable and relevant work experience.</li> </ul>
		<b>Modules at a glance:</b> Students take 3 mandatory modules and then pick 1 of 2 streams, each of which contains 3 modules. Students must take the same stream in both semesters. <b>Semester 1: Mandatory:</b> Applied Research Project, Statistical Analysis & Techniques, Engineering Project Management. <b>Semester 2: Mandatory:</b> Applied Research Project, Statistics & Quality for Industry, Engineering Project Management 2. <i>Refer to the course page at <a href="http://www.tus.ie/crs/A8285">www.tus.ie/crs/A8285</a> for details of elective modules.</i>  <b>Class Contact Hours:</b> 18 hours per week  <b>Other Information:</b> <b>Apply directly to TUS</b> Email: <a href="mailto:admissions.midwest@tus.ie">admissions.midwest@tus.ie</a>
<b>Contact Details: Department of Mechanical &amp; Automobile Engineering   Tel: 061 293000   Email: <a href="mailto:FEBE.Midwest@tus.ie">FEBE.Midwest@tus.ie</a></b>		

## What is this course about?

This is the first course of its kind in the mid-west region. Modern businesses demand an increasingly high-quality environment in which to work. Over the past number of years, the development of industrial and commercial facilities has undergone massive growth and change. The design of heating, ventilation and air conditioning, visual and aural services, lighting, transportation and security systems are becoming more complex, efficient and sophisticated to meet this demand.

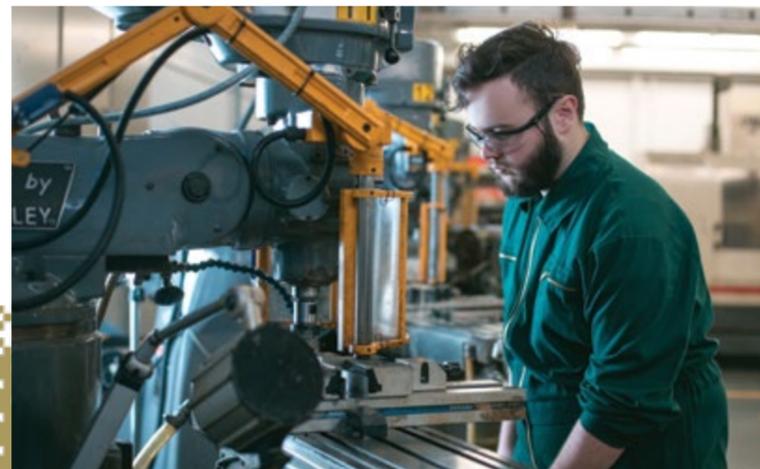
## Why study this course?

The course is suited to Mechanical Engineering students who hold a Level 7 degree (or equivalent), with emphasis being placed on aspects of mechanical engineering such as heat transfer, thermodynamics, plant engineering and systems design.

## What can I do after this course?

Graduates will have the appropriate qualifications and have developed a greater knowledge and understanding of the systems, processes and structures used in the industry to solve facilities engineering problems. Students will specialise in Building Information Modelling (BIM), Building Energy Analysis, Facilities Management, Building Management Systems (BMS), etc.

Job opportunities for graduates include positions as Facilities Engineer, Design Engineer, Building Operations Supervisor.



# Precision Engineering

Bachelor of Engineering (Honours)		
Level 8	< >	<b>Course Code: US914</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 246</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> CNC Machining, CAM, CAD & Design, Mathematics & Science, Quality Management & Control, Computer Integrated Manufacturing, Additive Manufacturing, Design for Manufacture, Materials Engineering, Work Placement.  <b>Class Contact Hours:</b> Year 1: 26 hours per week. Year 2: 24 hours per week. Year 3: 22 hours per week in Semester 1. (Work Placement in Semester 2). Year 4: 22 hours per week.  <b>Other Information:</b> <ul style="list-style-type: none"> <li>Work Placement</li> <li>QQI FET/FETAC Applicants</li> <li>Mature Applicants</li> <li>Other Applicants – Craft Certificate (Trade), Senior Trade Certificate/National Craft Certificate</li> <li>Engineers Ireland accredited</li> </ul>
<b>Contact Details: Mr. Ciarán O'Loughlin, Course Leader   Tel: 061 293000   Email: <a href="mailto:Ciaran.OLoughlin@tus.ie">Ciaran.OLoughlin@tus.ie</a></b>		

## What is this course about?

Precision Engineering is available at Level 8 and Level 7 through the CAO at TUS.

Precision engineering is the high-level manufacturing of engineering parts and assemblies for the medical, aerospace, automotive, oil and gas exploration and related industries. It is a combination of Mechanical engineering and design and high-level manufacturing and production technology. Our Precision Engineering courses have been designed with industry to respond efficiently and effectively to the needs of the precision engineering industry.

Students will learn how to work effectively with both manual and CNC machines to produce parts from an initial design to a final product. Parts are designed using CAD systems to develop solutions to engineering problems and when completed the accuracy will measure specialised measurement equipment such as co-ordinate measuring machines (CMM). Work Placement in 3rd year offers the opportunity to learn about the industry and gain valuable experience in this vital industry.

Students will work as individuals and in groups on a variety of industrial standard engineering projects. Students will use some of the newest CNC technologies such as advanced CNC machining, robotics in manufacturing, Additive manufacturing, materials engineering and Lean engineering technology.

Advanced entry is possible for those with related qualifications. The course is validated by Engineers Ireland.

## Why study this course?

This course is suited to those that are interested in learning to design, manufacture, and evaluate precision parts and assemblies used in high and low technology devices. Theory and practice are core to this course and appeals to those that want to use technology in engineering.

## What can I do after this course?

Course graduates will work as Precision Engineers in world class manufacturing and production environments and will be highly skilled in areas of CNC machining, CAD/CAM, metrology and material selection methods.

Graduates will typically be employed in one of the following roles: Precision engineer in a world class machining environment; Applications engineer; Design Engineer and Development; Manufacturing engineer; Production engineer; CNC machinist and programmer; Materials engineer; Process control engineer.

# Engineering Technology Management

Bachelor of Engineering (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US909</b>	<b>Modules at a glance:</b> The course provides students with a broad-based education, including studies in Product Innovation & Entrepreneurship, Mechanical & Process Design, Engineering Technology & Materials, and Data Analytics, complemented by studies in Sustainable Business & Management Systems. A Work Placement in 3rd year provides students with the necessary industry experience and opportunities. The modules will be taught in an applied nature using case studies, simulations and practicals.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 319</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
Bachelor of Engineering			
<b>Level 7</b>	< >	<b>Course Code: US779</b>	<b>Class Contact Hours:</b> 25 hours per week  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 307</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Progression to Level 8: Yes (Add-on)</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Contact Details: Dr. Lisa Henihan, Course Leader   Tel: 061 293000   Email: Lisa.Henihan@tus.ie</b>			

## What is this course about?

Engineering Technology Management is available through the CAO at Level 8 and Level 7 at TUS.

Engineering Technology Management is designed to provide students with an essential combination of core engineering, understanding the advancements of technologies and management abilities that are critical skill sets required in Industry.

Graduates will be crucial in managing, designing and controlling challenging projects and tasks such as innovative products, developing sustainable global systems, efficient processes, implementing Big Data and AI analytics and developing entrepreneurial skills such as creating new business models to support high-value manufacturing settings. Engineering Technology Management graduates will develop the technical expertise of engineers combined with a comprehension of the business and industrial environment and the capacity to develop creative solutions. This course has been created in response to a market need for professional engineers who are also proficient in entrepreneurship and management.

Engineering Technology graduates are in high demand with employers for various positions across multiple industries such as medical, pharmaceutical, aeronautical, automation, design, agri and food, etc.

## Why study this course?

This exciting degree is aimed at innovative students who want to strongly focus on solving problems and putting ideas into practice. It involves engineering, creating, developing and manufacturing, while also having the ambition to hold managerial positions, run projects, or work as a consultant while having a thorough understanding of business and operations.

## What can I do after this course?

Graduates in Engineering Technology Management can find excellent employment opportunities in a variety of industrial fields, including aerospace, automotive, pharmaceutical, medical device, consumer and industrial goods, food and beverage, and service fields like logistics, transportation, and consulting. There are opportunities in business analysis, technical marketing, and project management in a variety of engineering fields, as well as manufacturing system design and operation, lean engineering, mechanical engineering, Innovative product design, CAD/CAM, process and methods engineering, production and materials management, quality, and manufacturing engineering. An Engineering Technology Manager can work as a Design Engineer, Research Engineer, Project Engineer, Manufacturing Engineer, Production Supervisor, etc.

# Process and Engineering Management (Add-on)

Bachelor of Engineering (Honours)			
<b>Level 8</b>	< >	<b>Course Code: Add-on</b>	<b>Modules at a glance:</b> Applied Process Improvement 1 & 2, Engineering Operations Management 1 & 2, Engineering Project Management, Dissertation, Process Statistics 1 & 2, Applied Project Management.  <b>Class Contact Hours:</b> 18 hours per week <i>Currently running over 3 days (Tuesday to Thursday)</i>  The course can also be carried out part-time via ACCS mode.  <b>Other Information:</b> <b>Apply directly to TUS</b> Email: admissions.midwest@tus.ie
		<b>Duration: 1 Year add-on honours degree</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements:</b> Level 7 degree in Engineering or Science related subject. Students with suitable experience and prior learning will be considered.	
<b>Contact Details: Mr. Colm Crowe, Course Leader   Tel: 061 293000   Email: Colm.Crowe@tus.ie</b>			

## What is this course about?

This Level 8 one-year add-on honours degree course has been designed to provide students with an Engineering or Science based Level 7 degree, with a set of both technical and transferrable skills that are widely applicable to industry.

Modules such as Engineering Operation Management, Project Management, Statistics, Applied Process Improvement and chosen dissertation will provide key skills and techniques required in industry to identify issues, evaluate, improve and control existing processes on a proactive basis. The course is designed as an applied work engaged programme where each student actively works on projects based in industry across various modules. In addition, the students visit various companies in the region to observe and experience their manufacturing environment. The main objective in developing this course is to provide graduates to industry that are ready to work in a manufacturing or service setting.

Due to the applied nature of the modules and their engagement with industry, students can gain additional qualifications on top of their Level 8 honours degree as follows:

On completion of both Applied Process Improvement modules, students can apply to obtain a six sigma Green Belt qualification that is recognised worldwide.

On completion of both Project and Applied Project Management modules students can apply to obtain a Certificate in Project Management from PMI – Project Management Institute.

## Why study this course?

This Level 8 honours degree in Process & Engineering Management is a follow-on course for any graduate who has successfully completed an Engineering, Science or Technology Level 7 degree.

## What can I do after this course?

Opportunities for graduates include jobs such as Process Engineer, Manufacturing Engineer, Process Improvement Engineer, Continuous improvement Engineer, Validation Engineer, Quality Engineer, Quality Control Engineer, Operations Engineer, New Production Engineer, Operations Management, Assistant Project Manager, Process Improvement Manager, Continuous Improvement Manager, Production Supervisor

# Hospitality & Tourism



Scan the QR code to read more about our Hospitality & Tourism Courses

Year 1	Year 2	Year 3	Year 4
US631 Culinary Arts		Culinary Arts <small>Add-On</small>	<small>Add-On</small> Culinary Entrepreneurship
US795 Culinary Arts			
US931 Culinary Entrepreneurship			
US792 Business Studies with Beauty & Spa Management			<small>Add-On</small> Business Studies with Beauty & Spa Management
US946 Business Studies with Beauty & Spa Management			
US791 Business Studies with Event Management			<small>Add-On</small> Business Studies with Event Management
US941 Business Studies with Event Management			

Courses and Progression

Level 8 Courses	Level 7 Courses	Level 6 Courses
<b>US946 Business Studies with Beauty &amp; Spa Management</b> Bachelor of Arts (Honours) Ab Initio  <b>US941 Business Studies with Event Management</b> Bachelor of Business (Honours) Ab Initio  <b>US931 Culinary Entrepreneurship</b> Bachelor of Business (Honours) Ab Initio	<b>US792 Business Studies with Beauty &amp; Spa Management</b> Bachelor of Arts  <b>US791 Business Studies with Event Management</b> Bachelor of Business  <b>US795 Culinary Arts</b> Bachelor of Arts	<b>US631 Culinary Arts</b> Higher Certificate in Arts

# Business Studies with Beauty and Spa Management

Bachelor of Arts (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US946</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 280</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>
<b>Modules at a glance:</b> On the Level 8 & Level 7 degrees, students will study: Aesthetic Treatments - Skincare, Eye Treatments & Waxing, Nail Technician, Massage (Indian Head, Swedish Body, Hot Stone), Make Up Application, Laser & Light Treatment for Hair Removal / Microdermabrasion, Skin Rejuvenation/Microneedling, Marketing (incl Digital), Business & Financial Planning, Human Resource Management, Personal Development & Employability Preparation, Academic Research & Writing.		
<b>Class Contact Hours:</b> 20 hours per week (depending on year)		
Bachelor of Arts		
<b>Level 7</b>	< >	<b>Course Code: US792</b>
		<b>Duration: 3 Years</b>
		<b>CAO Points 2024: 222</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Progression to Level 8: Yes (Add-on)</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>
<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Study Abroad in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>		
<b>Contact Details:</b> Ms. Serena Keane, Course Leader   Tel: 061 293000   Email: Serena.Keane@tus.ie		

## What is this course about?

Business Studies with Beauty and Spa Management is available through the CAO at Level 8 and Level 7 at TUS. The beauty and spa sector provides highly valued and important services to clients, not only from a grooming perspective, but also in terms of added benefits such as enhanced self-confidence, positive mental health and general wellbeing. The sector is a very important component of the economy and provides employment opportunities all over the country and internationally. It is a dynamic industry that is constantly evolving and adapting to customer needs. A key characteristic is that practitioners spend a lot of time with their customers.

This course prepares you to meet the sector's need for highly skilled and trusted professionals who can establish strong relationships with clients, deliver services in a professional, efficient and hygienic manner, and progress to management roles within the industry. There is a full semester of work placement and/or the option to study at one of our partner universities across Europe, as well as regular field trips and guest lectures. In addition to the assessment requirements for your degree, you may also complete external examinations for professional qualifications from the International Therapy Examination Council (ITEC) and the Confederation of International Beauty Therapy and Cosmetology (CIBTAC).

## Why study this course?

This course covers both the creative and business aspects of the beauty and spa sector. Learning and practising in well-equipped workshops, you are encouraged and facilitated to further develop your creativity and also acquire strong business know-how. By combining technical beauty and spa skills with business/management competencies, the course equips you to work and progress in a wide range of beauty and spa settings.

## What can I do after this course?

Graduates will find a diverse range of career opportunities both in Ireland and abroad and they can expect to find employment in a variety of roles such as beauty therapist, advanced skincare therapist, beauty and spa consultant, makeup artistry, fashion, stage and TV makeup and spa and beauty product salesperson. Graduates of the Level 7 course can progress into the 4th year of the Level 8 honours degree.

# Business Studies with Event Management

Bachelor of Business (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US941</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 251</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>
<b>Modules at a glance:</b> On the Level 8 & Level 7 degrees, areas of study include Event Planning, Creative Event Design & Production, Delegate & Safety Management, Marketing (incl Digital), Food & Beverage Studies, Business & Financial Planning, Human Resource Management, Personal Development & Employability Preparation, Academic Research & Writing.		
<b>Class Contact Hours:</b> 20 hours per week approx.		
<b>Other Information:</b>		
<ul style="list-style-type: none"> <li>• Work Placement/Study Abroad in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>		
<b>Contact Details: Ms. Sara-Jane Kickham, Course Leader   Tel: 061 293000   Email: Sarajane.Kickham@tus.ie</b>		

## What is this course about?

Business Studies with Event Management is available through the CAO at Level 8 and Level 7 at TUS. The events sector includes thousands of companies, contractors and freelancers that create, manage and support concerts, festivals, sports events, other cultural experiences, conferences, trade shows, marketing events, brand activations, product launches and exhibitions. It is estimated to contribute more than €3.5 billion to the Irish economy annually and directly employ 35,000 people.

Event management requires an eye for detail, effective teamwork and a thorough understanding of the many technical, logistical, and creative factors that make up successful events. Offering a balance of theoretical and practical learning that explores the latest trends and practices in event management, this course equips you with the practical skills to coordinate the interconnected aspects of the process from pre-event planning and design to post-event debriefing and evaluation, and to progress to leadership roles in the events sector. During your studies, you will plan and stage real events thereby experiencing the kind of work you may pursue after graduation. Work placement is a key component of the course and there is a full semester of work placement and/or the option to study at one of our partner universities across Europe, as well as regular field trips and guest lectures.

## Why study this course?

This course includes both the creative and business aspects of event management. During your studies, you are encouraged and facilitated to further develop your creativity and also acquire strong business know-how. By combining technical event management skills with business competencies, you can work and progress your career in a wide range of event-related settings.

## What can I do after this course?

Graduates will find a diverse range of career opportunities both in Ireland and abroad and they can expect to find employment in a variety of event, marketing, public relations and entertainment enterprises, including arts and music festivals, charitable non-profit organisations, community development organisations, conference and convention centres, event management agencies, hotels, multinational companies, national and regional tourism organisations, public relations firms, public sector organisations, sports and leisure centres. Graduates of the Level 7 course can progress into the 4th year of the Level 8 honours degree.

# Culinary Entrepreneurship

Bachelor of Arts (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US931</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 262</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>
<b>Modules at a glance:</b> Culinary Operations, Developments & Nutrition, Product Knowledge & Artisan Food Production, Pastries & Desserts, The Sociology of Food, Culinary Led Event, Food Innovation & Entrepreneurship, Marketing (incl Digital), Business & Financial Planning, Human Resource Management, Personal Development & Employability Preparation, Academic Research & Writing.		
<b>Class Contact Hours:</b> 24 hours per week		
<b>Other Information:</b>		
<ul style="list-style-type: none"> <li>• Work Placement in Year 2</li> <li>• Work Placement/Study Abroad in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>		
<b>Note:</b> Students will require €450 approx. for class materials, books, uniforms, safety shoes, etc. in the first week of college.		
<b>Contact Details: Ms. Eithne Gavigan, Course Leader   Tel: 061 293000   Email: Eithne.Gavigan@tus.ie</b>		

## What is this course about?

Ireland offers a unique setting for food production and Irish food products are in high demand across the globe. The food sector has a rich heritage and is one of the country's largest and most important industries with an annual turnover of €25 billion and high levels of employment. With the market changing, and with increasing emphasis on healthier food that is produced more sustainably, there are plenty of job options with established food-related businesses, including those in the hospitality sector, but also opportunities for new and innovative enterprises to bring different food products to the market.

This degree offers a unique combination of culinary and enterprise modules that equip you with the skills to work – or set up your own business – in the food industry. You will develop knowledge and skills in all aspects of culinary techniques, as well as in management, marketing, finance and innovation to support your personal and professional development.

This course will appeal to students interested in developing a career in the hospitality and tourism industry. There are exciting and plentiful career opportunities for students both nationally and internationally. There are two work placements in Ireland or overseas – including locations such as Connecticut, Rhode Island, Cape Cod and Nantucket in the United States, and/or the option to study at one of our partner universities across Europe.

## Why study this course?

If you have an interest in, and/or a flair for, cookery as well as a creative mind-set, this course is for you. There's a growing demand in the food world for innovative professionals who can think outside the box. The course combines creativity, artistry, business acumen and experiential learning to provide an enjoyable and engaging student experience. You will further enhance your artistic abilities in the creation of innovative food products and food business concepts, coupled with developing an entrepreneurial mindset.

## What can I do after this course?

Graduates can pursue opportunities in food product development, food buying, food marketing and sales, food tourism, or as a professional chef or manager in the hotel and restaurant sector. Alternatively, you may choose to establish your own food-related enterprise.

**Try our Culinary Arts Taster Sessions for schools**  
**Contact us for more information**

# Culinary Arts

Bachelor of Arts (Honours)		
<b>Level 7</b>	< >	<b>Course Code: US795</b>
		<b>Duration: 3 Years</b>
		<b>CAO Points 2024: 163</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Progression to Level 8: Yes (Add-on)</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>
		<b>Modules at a glance:</b> Culinary Operations, Developments & Nutrition, Product Knowledge & Artisan Food Production, Creative Desserts, Classic Cuisine & Gastronomy, Culinary Led Event, Marketing (incl. Digital), Business & Financial Planning, Human Resource Management, Personal Development & Employability Preparation.
		<b>Class Contact Hours:</b> 25 hours per week approx. 12 week Work Placement on completion of Year 1
		<b>Other Information:</b> • Work Placement in Year 2 • QQI FET/FETAC Applicants • Mature Applicants
		<b>Note:</b> Students will require €450 approx. for class materials, books, uniforms, safety shoes, etc. in the first week of college.
<b>Higher Certificate in Arts</b>		
<b>Level 6</b>	< >	<b>Course Code: US631</b>
		<b>Duration: 2 Years</b>
		<b>CAO Points 2024: 200</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Progression available: Yes (Add-on)</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>
<b>Contact Details:</b> Mr. Joe Mulcahy, Head of Section, Culinary & Hospitality   Tel: 061 293405   Email: Joe.Mulcahy@tus.ie Eithne Gavigan, Course Leader   Email: Eithne.Gavigan@tus.ie		

## What is this course about?

Culinary Arts is available through the CAO at Level 7 and Level 6 at TUS.

This course provides graduates with the skills to cook at a high level of competence and to establish a base for further professional career development. The course prepares students for work as professional chefs in the hospitality and tourism sectors. A chef will learn to be creative in the kitchen but also requires good business management and communication skills to organise and direct staff in the kitchen environment. A Culinary Arts qualification is a passport to travel and the course is recognised worldwide. Currently, many of our graduates hold leading positions with some of the top hospitality brands in the world.

In addition to learning the theory and practice of professional cookery, you will explore gastronomy and innovation in food and expand your understanding of issues such as dietary requirements, menu planning, people management, marketing, communication and managing finances.

## Why study this course?

If you have an interest in, and/or a flair for, cookery as well as a creative mind-set, this course will appeal to you. The course combines creativity, artistry and business skills to provide an enjoyable and engaging student experience. The course is strongly linked with industry and includes work placements in Year 2 and Year 3. Students have the option to complete their work placement with world-renowned resorts in many international locations including Cape Cod, Paris, London and Dubai.

## What can I do after this course?

Students will be prepared for employment as professional chefs in the tourism and hospitality industry. Graduates can look forward to 100% employment and significant career opportunities over time, such as progressing to Executive Chef of a hotel or running their own restaurant.

Graduates of the Level 6 course can progress into the final year of the Level 7 course, while Level 7 graduates can advance to the 4th year of the Level 8 degree at TUS.

# Information Technology & Software



Scan the QR code to read more about our Information Technology & Software Courses

	Year 1	Year 2	Year 3	Year 4
<b>US710</b> Computing - Mobile & Web				Add-On Computing - Mobile & Web
<b>US826</b> Computing - Mobile & Web				
<b>US827</b> Computer Networks & Cyber Security				
<b>US828</b> Software Development with Games Programming				
<b>US820</b> Software Development				
<b>US819</b> Software Development with Cyber Security				
<b>US825</b> Immersive Digital Media				

## Level 8 Courses

**US827 Computer Networks & Cyber Security**  
Bachelor of Science (Honours) Ab Initio

**US826 Computing - Mobile & Web**  
Bachelor of Science (Honours) Ab Initio

**US825 Immersive Digital Media**  
Bachelor of Science (Honours) Ab Initio

**US820 Software Development**  
Bachelor of Science (Honours) Ab Initio

**US819 Software Development with Cyber Security**  
Bachelor of Science (Honours) Ab Initio

**US828 Software Development with Games Programming**  
Bachelor of Science (Honours) Ab Initio

## Level 7 Courses

**US710 Computing - Mobile & Web**  
Bachelor of Science

# Computer Networks and Cyber Security

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US827</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 328</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> Students will study a range of modules across the following themes: Computer Networks, IT Security, Computer Systems, Programming & Scripting, Virtualisation & Cloud, IT Management, Professional Development.
		<b>Class Contact Hours:</b> Year 1: 24 hours per week Year 2: 22 hours per week Year 3: 25 hours per week Year 4: 16 hours per week
		<b>Other Information:</b> • Work Placement in Year 3/Study Abroad • QQI FET/FETAC Applicants • Mature Applicants
<b>Contact Details: Mr. Michael Winterburn   Email:</b> michael.winterburn@tus.ie   <b>Dr. Niall Corcoran   Email:</b> Niall.Corcoran@tus.ie   <b>Mr. Mark Curtin   Email:</b> Mark.Curtin@tus.ie   <b>Tel:</b> 061 293000		

## What is this course about?

This course provides students with the computer network know-how to build secure and efficient networks and understand how hackers work. You will gain the knowledge to defend and manage the network by developing security plans, strategies and technical solutions to protect computer networks which includes physical and virtual servers and network hardware configuration. You will learn through hands on experience with Windows & Linux operating systems, services, scripting, databases, ethical hacking, virtual machines, microservices, Cisco, VMware, Amazon AWS and Microsoft Azure cloud technologies.

Students gain a foundation of technical knowledge, problem solving and logical thinking that gives them a competitive advantage in their career and further education. This range of practical knowledge enhances their ability to fit rapidly into different workplace cultures, adapt to change and pursue additional postgraduate studies. A work placement in Year 3 gives students an opportunity to gain valuable industry experience.

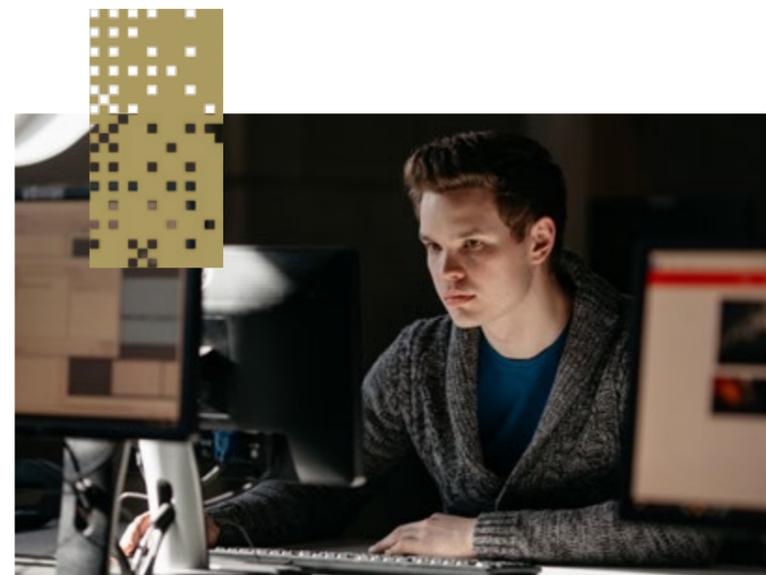
## Why study this course?

This course assumes no prior background in networks or systems so is suited to everyone with a general interest or aptitude in this area. Sometimes students who choose this course will have built networks or configured servers at home, or at work, and want to learn more and gain a qualification in the subject.

## What can I do after this course?

Graduates with networking, security, systems and management skills are required by all IT departments in many different kinds of businesses including engineering, electronics, pharmaceutical, finance, telecommunications, entertainment and education, etc.

Job categories include Network Administrator/Technician, Systems Administrator, Computer Network Engineer, Network Programmer/Analyst, Cyber Security and Network Security roles.



# Computing - Mobile & Web

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US826</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 306</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> Students on the Level 8/Level 7 degrees will study a range of modules in the following streams: Data Structures & Algorithms, Software Testing, Operating Systems, Networking & Cloud Computing, Security, OO Programming, Concurrent Programming, Mobile App. Development, Front-End Design & Development, Databases, Project Management, Innovative Technologies & Future Skills, API Design & Development, Web Analytics, Software Quality Engineering, Final Year Project.
		<b>Class Contact Hours:</b> Year 1: 23 hours per week Year 2: 23 hours per week Year 3: 23 hours per week Year 4: 14 hours per week
		<b>Other Information:</b> • Work Placement in Year 3/Study Abroad • QQI FET/FETAC Applicants • Mature Applicants
<b>Contact Details: Ms. Mary Ryan   Email:</b> Mary.Ryan@tus.ie   <b>Mr. Mike Connolly   Email:</b> Mike.Connolly@tus.ie   <b>Tel:</b> 061 293000		

## What is this course about?

Computing - Mobile & Web is available through the CAO at Level 8 and Level 7 at TUS.

This course is designed to equip students with practical skills and theoretical knowledge essential for success in the rapidly evolving tech industry. Students gain expertise in cutting-edge technologies and industry best practices, empowering them to thrive in a rapidly evolving digital landscape. The comprehensive curriculum covers not only web development but also mobile app development, ensuring that students are well-versed in creating applications for both web and mobile platforms. From mastering HTML, CSS, and JavaScript for responsive web design to delving into server-side technologies and mobile app frameworks, students acquire the technical prowess and project management skills needed to excel in various roles within the dynamic computing industry.

The work placement module in Year 3 provides invaluable real-world experience, allowing students to further hone their skills and expand their professional network within the workplace environment.

Students engage in challenge-based learning, tackling real-world problems that demand critical thinking, problem-solving abilities, and sustainable competencies, with a focus on addressing the United Nations Sustainable Development Goals

(SDGs). They stay updated with the latest advancements in computing, focusing on technologies like Artificial Intelligence (AI) and Internet of Things (IoT). Through hands-on projects and industry exposure, students develop a strong foundation in web and mobile app development, preparing them for diverse roles in the dynamic computing landscape.

## Why study this course?

This course is suited to individuals passionate about mobile app development and seeking comprehensive expertise in both front-end and back-end technologies, preparing them for rewarding careers in the rapidly evolving field of computing.

## What can I do after this course?

Technology is ingrained in our work and personal lives with the Internet at the heart of everything we do. The Internet is still an ever-changing technology area, and it has expanded possibilities to live, work and build a career anywhere in the boundary-less new world we live in.

Job categories for graduates include Web Developer, Mobile App Developer, Front-end Developer, Software Engineer, Cloud Administrator, Database Administrator, Software Test and Quality Engineer, Software Project Manager, IoT Developer, etc. Successful graduates are also eligible to apply for postgraduate programmes within TUS or elsewhere.

# Immersive Digital Media

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US825</b>	<b>Modules at a glance:</b> Students will study a range of modules in: Coding Skills; Creative Web & App Design; Virtual Worlds & Game Tech; Building Websites; Creating Digital Videos, Graphics & Games; Understanding Data & Securing Data Online; Professional Development.
		<b>Duration: 4 Years</b>	<b>Class Contact Hours:</b> Year 1: 25 hours per week Year 2: 25 hours per week Year 3: 22 hours per week Year 4: 17 hours per week  <b>Other Information:</b> • Work Placement in Year 3/Study Abroad • QQI FET/FETAC Applicants • Mature Applicants
		<b>CAO Points 2024: 254</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Contact Details:</b> Ms. Lorraine Callanan   Email: Lorraine.Callanan@tus.ie   Ms. Kelly O'Brien   Email: Kelly.O'Brien@tus.ie   Tel: 061 293000			

## What is this course about?

This course gives students the knowledge and practical experience of industry-standard tools and technologies, to create innovative immersive digital content and build it into an exciting immersive experience. Students develop these skillsets, primarily through studio-based project work and work placement in industry.

Students will learn to:

- Design creative immersive content to communicate with people in an engaging and exciting manner using text, sound, video, animation, graphics, and movement.
- Build apps, games, websites, animations, 3D Models, Augmented Reality and Virtual Reality experiences, and many other immersive reality applications.
- Work with various devices such as: Oculus Quest VR headsets, DSLR cameras, 360° cameras, tablets, smartphones, wearable technology, games consoles, Arduinos, etc.

There are also opportunities for students to gain Professional Computing Certification (Adobe, Microsoft etc.) as part of their studies. Students complete industry projects and take part in competitions throughout the course. A six-month industry placement in year 3 is an integral component of the course, while there are also opportunities to travel and study in another European country under the Erasmus programme.

## Why study this course?

This course is suited to those that have an interest in design, creative technologies, social media and gaming. It is suited to people who are creative, analytical and logical and who are interested in computers, information technology, design and like solving real life problems. Graduates are highly employable, allowing them to pursue a career in both computing and creative media industries.

## What can I do after this course?

TUS digital media graduates work for companies such as Jaguar-Land Rover, Johnson & Johnson, Icon, Salesforce and Yahoo. Graduates work for a variety of companies creating applications in advertising, education, fashion, manufacturing, retail, gaming, travel, and more.

Job categories include Unity Developer, Web Designer/ Developer, Games Developer, UI/UX designer, Technical 3D-artist, Media Designer etc. Successful graduates may also continue onto Level 9 Masters programmes, either taught or by research.

# Software Development

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US820</b>	<b>Modules at a glance:</b> Students will study a range of modules across the following themes: Professional Development, Programming, Web Technologies, Databases & Data Analytics, Software Engineering & Design, Computer Systems, Security.
		<b>Duration: 4 Years</b>	<b>Class Contact Hours:</b> Year 1: 24 hours per week Year 2: 24 hours per week Year 3: 21 hours per week Year 4: 18 hours per week  <b>Other Information:</b> • Work Placement/Study Abroad in Year 3 • QQI FET/FETAC Applicants • Mature Applicants
		<b>CAO Points 2024: 338</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Contact Details:</b> Mr. Seamus Doyle   Email: Seamus.Doyle@tus.ie   Ms. Marian Lynch   Email: Marian.Lynch@tus.ie   Mr. Mike Connolly   Email: Mike.Connolly@tus.ie   Tel: 061 293000			

## What is this course about?

This course will equip students with the knowledge and skills to become professional software developers and have exciting, rewarding careers building software for web servers, smartphones, tablets, PCs and cloud. It provides students with the skills and knowledge to meet the needs of today's IT industry. This course focuses on Software Engineering and Software Development techniques (Object Oriented, Java, Web Development, C++, C#, Mobile Apps, Cloud etc.)

With the mix of skills this course provides, students will be ideally positioned to secure employment in either Open Source or .NET technology jobs as a Software Engineer, Software Developer, Software Engineering/Modelling, Web Designer/ Developer, Database Developer/Administrator, Test Engineer, Games and Mobile App Developer.

The six-month paid work placement in Year 3 gives students an opportunity to apply the skills learned at TUS in a real working environment. This will provide students with valuable experience prior to full time employment on graduation.

## Why study this course?

This course suits people who are creative, analytical and logical and who are interested in computers and like solving real life problems. Creative and innovative minded people will be challenged in this course to express their ideas in the application of ground-breaking new technologies.

## What can I do after this course?

Software Development is a key enabler and driver of innovation across a multitude of industries and there really is a need for graduates who are technically aware but who can also see the opportunities that the technology allows.

Graduates work as Software Developers for companies such as Ericsson, Microsoft, Cisco, Avvio, Jaguar Land Rover, Kerry Foods, OpenJaw Technologies, IBM Global Services, Deloitte, SAP. Graduates are also eligible to apply to postgraduate programmes at TUS or elsewhere.

Learn more about careers in  
Software Development

TUS Open Days  
Moylish Campus, Limerick  
17th & 18th October 2024

# Software Development with Cyber Security

NEW COURSE

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US819</b>	<b>Modules at a glance:</b> Students will study a range of modules across the following themes: Software Development, Cyber Security, Dev Ops, Professional Development, Database & Data Analytics, AI & Machine Learning.
		<b>Duration: 4 Years</b>	
		<b>CAO Points: New for 2025</b>	
		<b>Location: Thurles Campus, Co. Tipperary</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Class Contact Hours:</b> 23 hours per week (depending on year)			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Study Abroad in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Contact Details: Mr. Tom Davis   Email: Tom.Davis@tus.ie   Dr. Liam Noonan   Email: Liam.Noonan@tus.ie   Tel: 0504 28000</b>			

## What is this course about?

Our degree in Software Development with Cyber Security is designed to produce graduates with an in-depth knowledge of the essential aspects of Software Development and the skills associated with Cyber Security. You will learn how to design and develop secure software applications and systems, utilizing various programming languages, security frameworks and data analytics tools.

You will develop your technical expertise by studying the technology and software development techniques essential for a career in software development, with a focus on cyber security and data analytics. This will prepare you for roles such as a cyber security analyst, data analyst, or a software developer with security specialization.

The course will equip you with practical skills needed to create, deploy and maintain secure software applications. You will learn about software design, enterprise coding, database and data analytics and cross-platform production, ensuring you have a comprehensive skill set for the industry.

Harnessing the power of data is a key component of the curriculum. You will gain proficiency in data analytics to interpret complex data sets, develop predictive models and provide actionable insights, all while maintaining a strong emphasis on data security and privacy.

Our curriculum includes modules on professional development, preparing you for leadership roles in the tech industry. You will benefit from learning experiences that promote both technical and soft skills essential for career advancement. Specialization in advanced areas such as software development, artificial intelligence, machine learning, agile software design, DevOps and secure coding practices will make you an expert in the field.

TUS Thurles campus, a Digital Innovation Hub, supports a comprehensive learning environment. Graduates from our Software Development courses are sought after by both multinational and indigenous industry leaders such as Microsoft, Amazon, General Motors, and Jaguar Land Rover.

## Why study this course?

This course will suit people who are creative, analytical and logical and who are interested in computers and like solving real life problems. A work placement in Year 3 will give students an opportunity to apply the skills learned at TUS in a real working environment, providing students with valuable experience prior to full time employment on graduation.

## What can I do after this course?

Graduate employment opportunities include positions as Cyber Security Analyst, Software Developer with Security Specialization, DevOps Engineer, Data Analyst, AI/Machine Learning Engineer. Graduates are also eligible to apply to postgraduate programmes at TUS or elsewhere.

Learn more about this new degree at:

**TUS Thurles Campus Open Day**  
**Saturday, 9th November 2024**

# Software Development with Games Programming

Bachelor of Science (Honours)			
Level 8	< >	<b>Course Code: US828</b>	<b>Modules at a glance:</b> Students will study a broad range of modules across the following themes: Software Development, Games Development, Dev Ops, Professional Development, Data Systems, AI & Machine Learning.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 270</b>	
		<b>Location: Thurles Campus, Co. Tipperary</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Class Contact Hours:</b> 23 hours per week (depending on year)			<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Study Abroad</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Contact Details: Dr. Liam Noonan   Email: Liam.Noonan@tus.ie   Ms. Aileen O'Mara   Email: Aileen.OMara@tus.ie   Tel: 0504 28259</b>			

## What is this course about?

Our course in Software Development with Games Programming is designed to produce graduates with an in-depth knowledge of the essential aspects of Software Development and the skills associated with Games Programming. You will learn how to design and develop games for platforms like mobiles, consoles, PCs, and online, using a variety of programming languages and game engines.

On the course:

- Use your imagination and creativity to study the technology and software development techniques in computer games to degree level and progress to a career as a game play programmer or an enterprise software developer.
- Learn the skills you need to create, release and promote your own games, using software design, enterprise coding, level design and cross platform production.
- Benefit from our hosting of the annual Games Fleadh Game Developer programming competition.
- Become an expert in software development, artificial intelligence, agile software design, game engine frameworks, cross platform game development.

TUS Thurles campus, a Digital Games Hub, is the home of Games Fleadh, one of Ireland's most important games programming festivals. Our students take part in Games Fleadh throughout their 4-year degree and will design and develop games to be judged by Industry veterans. Graduates of this course are sought after by both multinational and indigenous industry leaders such as Microsoft, Amazon, General Motors and Jaguar Land Rover.

TUS Thurles campus, a Digital Innovation Hub, supports a comprehensive learning environment.

## Why study this course?

This course is suited to those who are creative, analytical and logical and who are interested in computers and are passionate about game development. Creative and innovative minded people will be challenged in this course to express their ideas and develop ground-breaking new game technologies.

Ireland has a growing indie game developer community and indigenous game studios provide excellent employment opportunities. State of the art technology is used across our Computing courses to enhance the student's learning experience. Work placement is an integral part of all of our Computing courses. Students will undertake six months industry work placement in Year 3 as part of their studies.

## What can I do after this course?

The skills learned on the course can be used in a wide range of disciplines and graduates are in very high demand. Job categories include: Game Developer, Software Developer, Game Play Programmer, Software Engineer, Game Engine Developer, DevOps Engineer. Graduates are also eligible to apply to postgraduate programmes at TUS or elsewhere.

**Join us for Games Fleadh 2025!**  
**TUS Thurles Campus**  
**5th March 2025**



Scan the QR code to read more about our Science Courses

Year 1	Year 2	Year 3	Year 4
US740 Agricultural Science & Sustainability			Add-On Agricultural Science & Sustainability
US870 Agricultural Science & Sustainability			
US732 Forensic & Pharmaceutical Science			Add-On Forensic & Pharmaceutical Science
US863 Forensic & Pharmaceutical Science			
US735 Medical Technology			Add-On Medical Technology
US869 Medical Technology			
US730 Applied Biology			Add-On Bioanalysis & Biotechnology
US860 Biotechnology with Biopharmaceutical Science			
US864 Drug & Medicinal Product Analysis			

Courses and Progression

### Level 8 Courses

- US870 Agricultural Science & Sustainability**  
Bachelor of Science (Honours) Ab Initio
- US860 Biotechnology with Biopharmaceutical Science**  
Bachelor of Science (Honours) Ab Initio
- US864 Drug & Medicinal Product Analysis**  
Bachelor of Science (Honours) Ab Initio
- US863 Forensic & Pharmaceutical Science**  
Bachelor of Science (Honours) Ab Initio
- US869 Medical Technology**  
Bachelor of Science (Honours) Ab Initio

### Level 7 Courses

- US740 Agricultural Science & Sustainability**  
Bachelor of Science
- US730 Applied Biology**  
Bachelor of Science
- US732 Forensic & Pharmaceutical Science**  
Bachelor of Science
- US735 Medical Technology**  
Bachelor of Science

### Add-on Courses

- Bioanalysis & Biotechnology**  
Bachelor of Science (Honours)

# Agricultural Science and Sustainability

This course is offered in conjunction with **Gurteen College**



Bachelor of Science (Honours)			
	< >	<b>Course Code: US870</b>	<b>Modules at a glance:</b> Students will study a range of topics in the following streams in TUS/Gurteen: Animal Production, Dairy Production, Tillage, Soil Management, Sustainability, Environmental Management in Agriculture, Biodiversity, Carbon Management, Water Quality, Mapping, Agribusiness, Professional Skills, Work Placement (semester long), Final Year Project.  <b>Class Contact Hours:</b> Year 1: 22 hours per week Year 2: 20 hours per week Year 3: 18 hours plus placement Year 4: 16 hours per week  <b>Other Information:</b> <ul style="list-style-type: none"> <li>• 2 semesters at Gurteen College</li> <li>• Work Placement in Year 3</li> <li>• Trained Farmer Status (Green Cert)</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul> <b>Note:</b> Accommodation is available at Gurteen College. This may be available at an additional cost
	🕒	<b>Duration: 4 Years</b>	
	📄	<b>CAO Points 2024: 302</b>	
	📍	<b>Location: Thurles Campus, Co. Tipperary and Gurteen College, Co. Tipperary</b>	
🎓	<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.		
Bachelor of Science			
	< >	<b>Course Code: US740</b>	<b>Other Information:</b> <ul style="list-style-type: none"> <li>• 2 semesters at Gurteen College</li> <li>• Work Placement in Year 3</li> <li>• Trained Farmer Status (Green Cert)</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul> <b>Note:</b> Accommodation is available at Gurteen College. This may be available at an additional cost
	🕒	<b>Duration: 3 Years</b>	
	📄	<b>CAO Points 2024: 239</b>	
	📍	<b>Location: Thurles Campus, Co. Tipperary and Gurteen College, Co. Tipperary</b>	
➔	<b>Progression to Level 8: Yes (Add-on)</b>		
🎓	<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.		
<b>Contact Details: Ms. Brigid Doyle, Course Leader   Tel: 0504 28253   Email: Brigid.Doyle@tus.ie</b>			

### What is this course about?

Agricultural Science and Sustainability is available at Level 8 and Level 7 through the CAO at TUS.

It aims to produce graduates with knowledge and skills in agriculture with a focus on sustainability. While the course provides the students with a sound theoretical basis for understanding complex agricultural and environmental phenomena within a sustainable development context, its focus is on the practical application of knowledge and skills including agri-business and on-farm settings.

This course is offered in conjunction with Gurteen College and fulfils the requirement for Trained Farmer Status (Green Cert). Students will spend semester 2 of year 1 and semester 1 of year 2 on the Gurteen College campus, which is a 414-hectare farm and includes a wide range of commercial enterprises. The course is designed to give graduates the practical skills in the laboratory, fieldwork and farm skills to work in a broad range of sectors. There are also subjects on personal development which are valuable for success in the workplace. A full semester of work placement in Year 3 gives students an opportunity to gain valuable work experience.

**Advanced Entry into Year 2:** Applicants presenting the full level 6 QQI/FET award in 'Advanced Certificate in Agriculture' that includes 3 distinctions will be considered for advanced entry. Please see website.

### Why study this course?

This course will appeal to students with an interest in agriculture, farming and working outdoors as well as those interested in working in the agricultural sector. Agriculture is a vital sector in the Irish economy, and sustainability is an important issue in the sector. The requirement for environmental and sustainability managers in the agribusiness sector is a defined, significant, and growing employment sector. The course is designed to develop graduates with expertise in the management of agriculture's interaction with the environment who will be ideally qualified to take advantage of these growing employment opportunities.

### What can I do after this course?

Graduates can avail of employment opportunities in agriculture, agri-food and environmental management. Employment opportunities include: agricultural support services, farm auditors, environmental officers/scientists with agribusiness, the public sector and NGOs, or as researchers and consultants. Graduates of the course will receive Trained Farmer Status (Green Cert). The Level 8 course meets the content criteria of the Teaching Council to teach Agricultural Science at second level.

\*To work as a Farm Advisor submitting plans and payment claims to the Dept. of Agriculture for farmer clients, you must be on the Department's Farm Advisory System (FAS) of approved advisors. Requirements for listing include a Level 8 degree in Agricultural Science and undertaking FAS training.

# Applied Biology

Bachelor of Science		
	< >	<b>Course Code: US730</b>
	🕒	<b>Duration: 3 Years</b>
	CRD	<b>CAO Points 2024: 297</b>
	📍	<b>Location: Moylish Campus, Limerick</b>
	➔	<b>Progression to Level 8: Yes (Add-on)</b>
🎓	<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Modules at a glance:</b> Students will build their theoretical knowledge and practical skills through the key themes covered in all modules of Applied Biology including; Cell, Molecular, Microbiology, Biochemistry, Immunology, Bioanalytical Techniques, Food Science & Biotechnology, Laboratory Practice, Chemistry, Chemical Analysis for Biologists, Spectroscopy & Chromatography, Introductory Physics Concepts, Mathematics for Biologists, Quality Assurance & Regulations and a Work Placement in their final year.		
<b>Class Contact Hours:</b> 24 hours per week		
<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3 (6-8 months)</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>		
<b>Contact Details: Dr. Rachel Gorman, Course Leader   Tel: 061 293000   Email: Rachel.Gorman@tus.ie</b>		

## What is this course about?

Applied Biology is a discipline that is currently at the forefront of scientific research and technological development and underpins a number of leading industries in Ireland and internationally. These include the Healthcare and Biopharmaceutical sectors, Food industries, Biotechnology, Bioanalytical and Diagnostics, and more.

This course gives you an opportunity to study the key areas in Applied Biology including Microbiology, Biochemistry, Food Science, Biotechnology, Genetics, Bio-forensics, and Healthcare.

You will also gain hands-on experience of state-of-the-art laboratory techniques, merging both traditional and cutting-edge technologies in the life sciences. A work placement in the second semester of Year 3 allows students to gain valuable industry work experience.

## Why study this course?

This course is designed for students with a keen interest in Biology wishing to pursue careers in Life and Food Sciences. Students will avail of small class sizes, dedicated lecturers, and gain hands-on experience of state-of-the-art technologies in all aspects of Applied Biology.

## What can I do after this course?

The course gives you diverse employment opportunities in key growth areas within the Life Sciences. As a graduate, you will have excellent career prospects and employment opportunities in a range of sectors such as the Biotechnology, Food, Healthcare, Environmental, Bio-Pharmaceutical and more. Typical jobs include Microbiologist, Bioanalyst, Food Scientist, Bioprocess Scientist and QC Analyst.

Graduates of the course who meet the minimum criteria for progression may also progress to the one-year add-on Level 8 Honours degree in Bioanalysis and Biotechnology at our Moylish campus.

### Jennifer, Graduate 2023

“What I really enjoyed most about this course was how practical and hands-on it was. It made the lectures so much easier to understand when we put theory to practice. Since graduating, I’m employed as a Microbiology Analyst.”

# Bioanalysis and Biotechnology (Add-on)

Bachelor of Science (Honours)		
	< >	<b>Course Code: Add-on</b>
	🕒	<b>Duration: 1 Year add-on course following on from US730 Level 7 Degree</b>
	📍	<b>Location: Moylish Campus, Limerick</b>
	🎓	<b>Entry Requirements:</b> <ul style="list-style-type: none"> <li>• A pass in a relevant Bachelor Degree (Level 7) in a relevant field with an overall average performance of at least 50%</li> <li>• An equivalent qualification to a Bachelor Degree (Level 7) with appropriate pre-requisite subjects.</li> <li>• A pass in a relevant Bachelor Degree (Level 7) with one year suitable and relevant work experience.</li> </ul>
<b>Modules at a glance:</b> <i>Semester 1:</i> Bioanalysis, Biomolecular Techniques, Mammalian Cell Culture, Data Analytics, Project Management & Research. <i>Semester 2:</i> Bioanalytical Method Validations, Biotechnology, Bioprocessing, Quality Management, Research Project.		
<b>Class Contact Hours:</b> 23 hours per week		
<b>Apply directly to TUS</b> Email: admissions.midwest@tus.ie		
<b>Contact Details: Dr. Lynnette Marcar, Course Leader   Tel: 061 293000   Email: Lynnette.Marcara@tus.ie</b>		

## What is this course about?

This interdisciplinary one-year add-on honours degree course provides you with specialist skills in the Bioanalytical and Biotechnology sectors.

You will gain critical skills in key areas including Bioanalysis, Biotechnology, Microbiology, Cell and Molecular Biology, Healthcare Sciences and Quality Management Systems. Upon graduation, you will be equipped with the necessary skills for careers in research, development, production and quality control in a range of modern bio-industries including Bioanalytical, Biotechnology, Biopharmaceuticals and Food Sectors.

## Why study this course?

This is a one year add-on honours degree course and is ideal for Level 7 graduates in Applied Biology and related disciplines in the biological sciences.

## What can I do after this course?

Employment and career opportunities are available in key growth areas including the Biotechnology, Biopharmaceutical, Bioanalytical, Food and Healthcare sectors. Typical jobs include Process Scientist, Bioanalyst, Biotechnologist, Production Specialist, Microbiologist and Molecular Biologist.

Graduates may work in Regeneron, Pfizer, BMS, Edwards Lifesciences, Kerry Group, MSD, Johnson & Johnson, Beckman Coulter, Serosep and BD Medical. Graduates are eligible to apply for the Professional Master of Education and pursue a career in Science/Biology teaching in second level schools. Graduates may also pursue Masters or PhD programmes in biology related disciplines in Ireland or abroad.



# Biotechnology with Biopharmaceutical Science

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US860</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 378</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> Students will study the fundamentals of Biology, Chemistry, Physics and Maths in first year. More specialised modules such as Microbiology, Biochemistry, Cell Biology, Biopharmaceutical Science, Bioanalytical Methods, Molecular Biology and Quality Assurance are introduced over the course of 2nd and 3rd year. An Industry-based Work Placement takes place from January to August of 3rd year. Advanced topics including Mammalian Cell Culture, Bioprocessing, Biomolecular Techniques and Data Analysis form part of the 4th year of the course, as well as a major Research Project.
		<b>Class Contact Hours:</b> 22-25 hours per week
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3 (6-8 months)</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Contact Details:</b> Dr. Mary Morrin, Course Leader   Email: Mary.Morrin@tus.ie   Dr. Ann Murphy, Course Leader   Email: Ann.Murphy@tus.ie   Tel: 061 293000		

## What is this course about?

The aim of this 4-year level 8 course is to provide graduates with an Honours degree in Biotechnology with an emphasis on Biopharmaceutical Science.

The course meets the growing demand of the Life Sciences and Biopharmaceutical sectors for highly skilled graduates with specialist training in Biotechnology, Microbiology, Biomolecular Techniques, Mammalian Cell Culture, Bioanalysis, Bioprocessing, Quality Management and Data Analytics. This course is designed for students who have a keen interest in Biology and who wish to pursue successful careers in the Life Sciences and in particular the Biotechnology and Biopharmaceutical industries. You will have small class sizes, dedicated lecturers, and gain hands-on experience of state of the art technologies in Biotechnology. A Work Placement in Year 3 allows students to gain valuable industry experience.

## Why study this course?

This course is designed for students with a keen interest in Biology and who wish to pursue careers in the Life Sciences.

## What can I do after this course?

Ireland is home to some of the world's top biotechnology and pharmaceutical companies. Employment and career opportunities are available in key growth areas including the Biotechnology, Biopharmaceutical, Bioanalytical and Healthcare sectors.

Typical jobs include Process Scientist, Bioanalyst, Biotechnologist, Production Specialist, Microbiologist and Molecular Biologist. Graduates work in companies such as Regeneron, Pfizer, BMS, Edwards LifeSciences, MSD, Johnson & Johnson, Beckman Coulter, Serosep and BD Medical. Graduates may also pursue postgraduate courses in TUS or elsewhere.

## LEARN MORE ABOUT CAREERS IN SCIENCE!

Visit TUS Open Days  
Moylish Campus, Limerick  
17th & 18th October 2024

# Drug and Medicinal Product Analysis

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US864</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 309</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> The following is an outline of the main themes covered in the course modules: Quality Control, Quality Assurance, Analytical Techniques, Chromatography, Mass Spectrometry, Microbiology, Validation, Good Manufacturing Practice, Work Placement.
		<b>Class Contact Hours:</b> Year 1: 25 hours per week Year 2: 24 hours per week Year 3: 23 hours per week Year 4: 23 hours per week
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3 (8 months)</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Contact Details:</b> Dr. Michael Geary, Course Leader   Tel: 061 293338   Email: Michael.Geary@tus.ie		

## What is this course about?

This course has been developed in conjunction with people working in the industries that employ our graduates. We aim to produce graduates who understand how medicines and healthcare products, including medical devices, pharmaceuticals and biopharmaceuticals, are manufactured and checked to make sure they are safe, effective, and of a high quality.

Drug and Medicinal Product Analysis is a highly relevant course that leads to excellent job prospects. There is an eight-month work placement in Year 3 to provide valuable work experience. Some examples of companies where our graduates are working include Regeneron, Johnson & Johnson Vision Care, Pfizer, Edwards Lifesciences, Boston Scientific, Wyeth, Stryker and GlaxoSmithKline. Students on this honours degree will develop the analytical laboratory skills necessary to work in these industries. The course also offers students the chance to study quality control and management in these industries.

## Why study this course?

Drug and Medicinal Product Analysis is for students who like practical work and who want to learn about the process of making and testing pharmaceutical, biopharmaceutical, medicines, medical devices and healthcare products.

Students spend approximately half their time in the lab learning good, hands-on skills that employers value. It is not necessary to have studied science subjects at Leaving Certificate level.

## What can I do after this course?

The employment record of graduates of this course is one of the best in Ireland. You will have excellent employment opportunities in the following sectors: medical device, biopharmaceutical, pharmaceutical, healthcare, chemical, food and local authorities. These industries are worth more than €40 billion a year to Ireland and a significant number of the employees are third level graduates.

Graduates work as Process Scientists, Production Specialists, Analytical Chemists, Microbiologists, Quality Assurance Specialists, Quality Control Scientists, Regulatory Affairs Specialists, Laboratory Management and at managerial level in companies such as Regeneron, Stryker, Wyeth Nutritionals, Johnson & Johnson Vision Care, Edwards Lifesciences, Pfizer, MSD, Beckman Coulter and Lilly.

# Forensic and Pharmaceutical Science



Bachelor of Science (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US863</b>	<b>Modules at a glance:</b> On both the Level 8 & Level 7 degrees, in 1st & 2nd year, you will study foundational modules such as Crime Scene Investigation and Scientific Practice, Biology, Chemistry, Science Mathematics and Physics along with modules in Forensic Techniques, Pharmaceutical Science, and Analytical and Statistical Techniques. The Level 8 degree culminates in years 3 & 4 with modules such as Work Placement, Interpretation & Evaluation of Forensic Evidence, Drugs in Sport, Biomolecular Forensics & Biopharmaceuticals. The Level 7 degree culminates in year 3 with modules such as Forensic Toxicology & Drug Analysis, Molecular & Immunobiology and Work Placement.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 441</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
Bachelor of Science			
<b>Level 7</b>	< >	<b>Course Code: US732</b>	<b>Class Contact Hours:</b> 24 hours per week
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 256</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Progression to Level 8: Yes (Add-on)</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.	<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3</li> <li>• Accredited by The Chartered Society of Forensic Science UK</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>
<b>Contact Details:</b> Dr. Liz Moore, Course Leader   Tel: 061 293110   Email: Liz.Moore@tus.ie   Ms. Elaine Raggett, Course Leader   Email: Elaine.Raggett@tus.ie			

## What is this course about?

Forensic and Pharmaceutical Science is available through the CAO at Level 8 and Level 7 at TUS.

This is a unique interdisciplinary course providing students with a detailed knowledge and understanding of the sciences in areas of forensics, pharmaceutical and analytical techniques. The course thus produces graduates who are highly employable in a broad range of sectors, with a highly desirable and much sought-after set of skills and expertise. Students gain valuable hands-on experience in the methodology and techniques at the forefront of these major sectors and develop transferable skills including problem solving, communicating and defending scientific data, evidence interpretation, time management and team building.

This unique course will provide students with critical skills in key areas including, for example, crime scene investigation, forensic evidence examination and interpretation, drugs in sport, biomolecular forensics, analytical techniques, drug development and manufacture, pharmaceutical technology, biopharmaceuticals, statistical analysis, validation and regulatory affairs. The course also includes an eight-month work placement in Year 3.

## Why study this course?

Forensic and Pharmaceutical Science is ideal for students with a questioning mind and interested in using science to solve problems. It contains chemical, biological, forensic, pharmaceutical, and analytical elements and thus suits students who may want to develop analytical skills that provides them with the opportunity to work in different disciplines. The Level 8 degree is accredited by The Chartered Society of Forensic Science in the UK.

## What can I do after this course?

For graduates that wish to proceed immediately to employment, career prospects are diverse - with graduates holding public and private sector jobs in state labs, forensic laboratories, healthcare, the pharmaceutical industry, analyst laboratories and more. The employment record of our graduates within Ireland has been excellent and our graduates have also obtained positions in the UK, USA and Australia.

Graduates of the Level 7 degree can progress to the 4th year of the Level 8 honours degree.

# Medical Technology

Bachelor of Science (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US869</b>	<b>Modules at a glance:</b> On the Level 8 and Level 7 degrees, you will study foundational subjects in first and second year including Design Principles in Medical Technology, Maths, Physics, Anatomy, Electronics and Computing, culminating in 3rd and 4th year with subjects such as Biomechanics and Biomaterials, Clinical Technology, Diagnostic Imaging and Radiotherapy, Rehabilitation Technology and Product Design, Cybersecurity in Healthcare.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 347</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <i>Given the technical nature of the course, it is desirable that the student have a minimum of grade O3 or H6 in Leaving Certificate Mathematics or equivalent.</i>	
Bachelor of Science			
<b>Level 7</b>	< >	<b>Course Code: US735</b>	<b>Class Contact Hours:</b> 24 hours per week
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 358</b>	
		<b>Location: Moylish Campus, Limerick</b>	
		<b>Progression to Level 8: Yes (Add-on)</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Given the technical nature of the course, it is desirable that the student have a minimum of grade O3 or H6 in Leaving Certificate Mathematics or equivalent.</i>	<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement in Year 3</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> <li>• Engineers Ireland accredited</li> <li>• 1st Year scholarships</li> </ul>
<b>Contact Details:</b> Ms. Aisling Lynch, Course Leader   Tel: 061 293000   Email: Aisling.Lynch@tus.ie			

## What is this course about?

Medical Technology is available at Level 8 and Level 7 through the CAO at TUS.

Medical Technology is a combination of Engineering, Science and Technology that offers graduates two distinct career paths; Clinical Engineering in a Hospital Setting OR Medical Device Industry/Medical Software Industry Employment in a variety of roles.

This course will interest anybody who has an interest in Biomedical Engineering, or in the Medical Applications of Science and Technology. Postgraduate options include Radiotherapy, Medical Physics, Biomedical Materials and Physiotherapy.

The course is accredited with Engineers Ireland, meaning all graduates from our BSc honours degree can apply for Associate Engineer status with Engineers Ireland after gaining some relevant experience. Membership of Engineers Ireland entitles you to add the letters AEng MIEI after your name. Two scholarships, sponsored by Beckton Dickinson are available to first year students.

## Why study this course?

If you are interested in engineering, science and technology and the medical applications of these disciplines, Medical Technology could be for you. Typical applicants will be those who have an interest in engineering and science and want a career in helping others. An industrial work placement in Year 3 is an integral part of the course.

## What can I do after this course?

Medical Technology graduates are in very high demand. Our graduates have gained employment in UHL Hospitals, National Childrens Hospital, National Rehabilitation Hospital, Galway Clinic, Boston Scientific, Abbot Laboratories, Beckton Dickinson, Johnson and Johnson, Edwards Life Sciences and Medtronic amongst others.

The roles our graduates are employed in include Clinical Technician/Engineer, Field Service Engineer, Quality Engineer, Manufacturing Technician, Clinical Information Designer, Quality Assurance Specialist. Graduates have successfully gained admission to the following Masters programmes: MSc in Radiation Therapy, UCC, MSc in Medical Physics, NUIG and UCD, MSc in Biomedical Device Materials, UL.

# Social Science



Scan the QR code to read more about our Social Science Courses

Year 1	Year 2	Year 3	Year 4
US783 Early Childhood Education & Care		Add-On Early Childhood Education & Care	
US927 Early Childhood Education & Care			
US781 Social Care Work (Ennis)		Add-On Social Care Work (Ennis)	
US920 Social Care Work (Limerick) US922 Social Care Work (Thurles) US923 Social Care Work (Ennis)			
US924 Applied Psychology			

Courses and Progression

- Level 8 Courses**
- US924 Applied Psychology**  
Bachelor of Science (Honours) Ab-Initio
  - US927 Early Childhood Education & Care**  
Bachelor of Arts (Honours) Ab-Initio
  - US920 Social Care Work**  
Bachelor of Arts (Honours) Ab-Initio Limerick (Moylish)
  - US922 Social Care Work**  
Bachelor of Arts (Honours) Ab-Initio Thurles
  - US923 Social Care Work**  
Bachelor of Arts (Honours) Ab-Initio Ennis

- Level 7 Courses**
- US783 Early Childhood Education & Care**  
Bachelor of Arts
  - US781 Social Care Work**  
Bachelor of Arts Ennis

All applicants are subject to Garda Vetting. TUS reserves the right to inform any placement provider of any convictions or pending cases. Applicants should note that a criminal conviction may affect their ability to undertake practice placements, and by consequence their ability to progress.

All students are required to sign the TUS Fitness to Practice and Fitness to Study policies during course induction and adhere to these policies during their course of study at TUS.

# Applied Psychology

Bachelor of Science (Honours)		
Level 8	< >	<b>Course Code: US924</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 403</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.  <b>Mature Applicants:</b> For applications from mature and non-CAO applicants, it should be noted that selection is by way of a competitive interview process, which is informed by equality legislation and equal opportunities.  <b>Recognition of Prior Learning:</b> Transfer applications can only be considered from Psychological Society of Ireland programmes.  <b>English Language Requirements:</b> If an applicant's first language is not English, they will be required to provide certification of competence in English.
<b>Contact Details: Department of Applied Social Sciences</b>		<b>Tel:</b> 061 293857   <b>Email:</b> DASS@tus.ie

**Modules at a glance:**  
Applied Psychology, Psychology & Society, Personal Development, Research Methods, Psychology & Activism, Criminal Psychology, Psychology & Family, Psychology & Biology, Functional Behaviour, Mental Health & Wellbeing, Psychological Characteristics, Psychometrics, Cognitive Psychology, Developmental Psychology, Experimental Research, Loss & Grief, Social Psychology, Psychology Group Work, Qualitative Methods, Neuropsychology, Work Placement.

**Class Contact Hours:**  
21 hours per week

- Other Information:**
- Work Placement in Year 3/Study Abroad
  - Garda Vetting
  - QQI FET/FETAC Applicants
  - Mature Applicants

## What is this course about?

Psychology is a broad and diverse field that encompasses the study of human thought, behaviour, development, personality, emotion, motivation, and how all of these operate over the life course and in society.

Applied Psychology is a scientific study especially concerned with the practical applications of the mind, behaviour and of mental processes in relation to everyday life. This includes engagement with education, health, crime, advocacy, counselling and mental health and the kinds of research and experiments that are used to demonstrate our understanding in these areas.

This exciting 4-year honours degree gives you the opportunity to study psychology and society, politics and activism, crime, research skills, social, behavioural, cognitive, developmental psychology, and neuropsychology. A core element of the course is weekly personal development groups which allow the student guided spaces to explore the impact the issues they are studying have on them.

## Why study this course?

Applied Psychology is a field of interest to anyone who wants a career that supports individuals, groups or organisations in achieving their goals. It is a qualification with a wide reach, from consumer behaviour to sports and education, the application of psychology is extensive in today's modern society. An undergraduate psychology degree is an entry requirement for postgraduate training as a psychologist.

In order to qualify for entry to postgraduate training as a psychologist, applicants must have a psychology degree that is accredited by the PSI. TUS Midwest has applied for PSI recognition.

## What can I do after this course?

Graduates with psychology degrees can expect greater career opportunities than almost any other discipline. Job opportunities for graduates include Community Work, Human Resources, Employee Relations, Housing Managers/Officers, Community Welfare Officers, An Garda Síochána, Market Research, Sport and Exercise Psychology, Health and Safety, Youth Work, Advertising, Recruitment, Training and Development, Probation Officer, Sports Psychology, Civil and Public Service, Social Research roles, Research Assistant.

Graduates can consider postgraduate degrees in Clinical Psychology, Counselling Psychology, Educational Psychology, Forensic Psychology, Health Psychology, Neuropsychology, Occupational Psychology, Sport & Exercise Psychology, Academic Psychology, Research Psychology.

# Early Childhood Education and Care

Bachelor of Arts (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US927</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 298</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>
<b>Modules at a glance:</b> Students on the Level 8 & Level 7 degrees will study a range of modules including: Education & Inclusive Practice, Active Learning, Sociology & Psychology, Applied Professional Practice, Child Health, Well-Being and Safety, Research.		
<b>Class Contact Hours:</b> 21 hours per week		
<b>Other Information:</b>		
<ul style="list-style-type: none"> <li>• Work Placement in Year 2 &amp; 3</li> <li>• Garda Vetting</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>		
<b>Professional Accreditation</b>		
In 2022, this degree completed programmatic review and continues to be officially recognised as meeting the Professional Award Criteria and Guidelines for Initial Professional Education (Level 7 and Level 8) Degree Programmes for the Early Learning and Care Sector in Ireland. TUS is currently listed under the QAB Approved List of courses.		
<b>Contact Details:</b> Ms. Ashling Sheehan Boyle, Course Leader   Email: Ashling.SheehanBoyle@tus.ie		

## What is this course about?

Early Childhood Education and Care is available through the CAO at Level 8 and Level 7 at TUS.

Early childhood education and care (ECEC) reflects a holistic view of the education (e.g. early stimulation, education, developmental activities) and care (e.g. health, nutrition, hygiene, safety and security, responsive caregiving) of young children from 0 to 6 years of age. Therefore, this course is designed to equip graduates with the essential core knowledge, practices and values to fulfil the role of a professional early childhood educator.

The course is practical and applied, supporting graduates to become professional, reflective educators with an integrated approach to ECEC. Students will acquire skills in relevant areas, such as learning through play and creativity, children's development through art, literature and music, as well as psychology, sociology and social policy. A supervised work placement in years 2 and 3 in various early years settings enables students to apply their theoretical knowledge and learn from practice, which are key elements of the course.

## Why study this course?

The course design and content have been guided by this sector's policy and regulatory frameworks, such as Aistear, Síolta, First 5 and the Professional Award Criteria and Guidelines. It is an innovative practice-led course where students learn how to combine theory and practice and develop as reflective practitioners. An active learning environment is achieved through lectures, seminars, workshops and enquiry-based learning with children's learning materials.

## What can I do after this course?

Graduates can avail of various employment opportunities, such as a variety of roles within Early Years Education and Care and School Age organisations, e.g. Pre-school, full day services. Graduates can work in both the public, private, community and voluntary sectors. Many past graduates are working with organisations such as Barnardo's, as Special Needs Assistants within primary and special schools, and AIM (Access and Inclusion staff in Early Years Education and Care settings). Graduates can progress to working as managers or potentially own and develop their own business. Other roles that may be of interest - Development Officer in Childcare Committees, Inspector with TUSLA and Department of Education and Skills, Early Years Specialists with Better Start.

# Social Care Work

Bachelor of Arts (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US920 (Limerick) / US922 (Thurles) / US923 (Ennis)</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 337 (Limerick), 260 (Thurles), 225 (Ennis)</b>
		<b>Location: Moylish Campus, Limerick / Thurles Campus, Co. Tipperary / Ennis Campus, Co. Clare</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>
<b>Modules at a glance:</b> Modules in Semester 1 & Semester 2 in Year 1 include: Digital Literacy, Research & Writing Skills; Health, Advocacy, Equality & Safety in Social Care Practice; Health Safety & Risk in Social Care Practice; Introduction to Creative & Recreational Skills; Introduction to Social Care: Policy, Provision & Practice; Introduction to Sociology; Personal Development; Psychology, Identity & Development; Safeguarding Vulnerable Adults & Child Protection; Sociology & Diversity; Teamwork & Communication in Practice Settings.		
<b>Class Contact Hours:</b> Up to 21 hours per week, depending on the year		
<b>Other Information:</b>		
<ul style="list-style-type: none"> <li>• CORU Approved</li> <li>• Work Placement in Year 2 &amp; 3</li> <li>• Garda Vetting</li> <li>• Fitness to Practice</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>		
<b>Mature Applicants:</b> For applications from mature and non-CAO applicants, it should be noted that selection is by way of a competitive interview process, which is informed by equality legislation and equal opportunities.		
<b>Recognition of Prior Learning:</b> This course does not recognise prior learning.		
<b>English Language Requirements:</b> If an applicant's first language is not English, they will be required to provide certification of competence in English.		
<b>Note:</b> As this is a regulated profession, there are mandatory attendance requirements for modules in this course.		
<b>Contact Details:</b> Department of Applied Social Sciences   Tel: 061 293857   Email: DASS@tus.ie		

## What is this course about?

"Social Care Work is a relationship-based approach to the purposeful planning and provision of care, protection, psychosocial support and advocacy in partnership with vulnerable individuals and groups who experience marginalisation, disadvantage or special needs. Principles of social justice and human rights are central to the practice of Social Care Workers."

Social Care Workers Registration Board, CORU

This course prepares skilled and professionally competent graduates to work in a variety of social care settings and to facilitate students in acquiring the relevant knowledge and skills to engage in professional reflective practice. The qualities needed to become a good social care worker include empathy, patience, resilience, optimism and a motivation to work with and support the most deprived and marginalised groups in society.

This course emphasises the professional and personal development required to work in the challenging field. As an applied profession, this course requires students to undertake two semesters of professional placement. Typically, a Social Care Worker is employed working with those who have physical or learning difficulties, disabilities, young people at risk, children who have been neglected or abused, family support services, addiction services, homeless services, elderly people, and in settings as diverse as residential care, day care, and community-based services. This course is approved by CORU.

## Why study this course?

Students will learn about evidenced-based approaches to building relationships, engaging with and advocating for vulnerable populations.

## What can I do after this course?

Job opportunities for graduates include Social Care Worker, Community Project Worker, Family Support Worker. Graduate employment opportunities are with the HSE, TUSLA, Youth and Community Services, Section 38 public agencies, as well as Section 39 voluntary agencies (as per the Health Act 2004).

# Social Care Work

Bachelor of Arts		
	< >	<b>Course Code: US781</b>
	🕒	<b>Duration: 3 Years</b>
	CRD	<b>CAO Points 2024: 144</b>
	📍	<b>Location: Ennis Campus, Co. Clare</b>
	➔	<b>Progression to Level 8: Yes (Add-on)</b>
🎓	<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>	
	<b>Mature Applicants:</b> For applications from mature and non-CAO applicants, it should be noted that selection is by way of a competitive interview process, which is informed by equality legislation and equal opportunities.	
	<b>Recognition of Prior Learning:</b> This course does not recognise prior learning.	
	<b>English Language Requirements:</b> If an applicant's first language is not English, they will be required to provide certification of competence in English.	
	<b>Modules at a glance:</b> Modules in Semester 1 & Semester 2 in Year 1 include: Digital Literacy, Research & Writing Skills; Health, Advocacy, Equality & Safety in Social Care Practice; Health Safety & Risk in Social Care Practice; Introduction to Creative & Recreational Skills; Introduction to Social Care: Policy, Provision & Practice; Introduction to Sociology; Personal Development; Psychology, Identity & Development; Safeguarding Vulnerable Adults & Child Protection; Sociology & Diversity; Teamwork & Communication in Practice Settings.	
	<b>Class Contact Hours:</b> Up to 21 hours per week, depending on the year	
	<b>Other Information:</b> <ul style="list-style-type: none"> <li>• CORU Approved</li> <li>• Work Placement in Year 2 &amp; 3</li> <li>• Garda Vetting</li> <li>• Fitness to Practice</li> <li>• QQI FET/FETAC Applicants</li> <li>• Mature Applicants</li> </ul>	
	<i>Note: As this is a regulated profession, there are mandatory attendance requirements for modules in this course.</i>	
<b>Contact Details: Department of Applied Social Sciences   Tel: 061 293857   Email: DASS@tus.ie</b>		

## What is this course about?

"Social Care Work is a relationship-based approach to the purposeful planning and provision of care, protection, psychosocial support and advocacy in partnership with vulnerable individuals and groups who experience marginalisation, disadvantage or special needs. Principles of social justice and human rights are central to the practice of Social Care Workers." Social Care Workers Registration Board, CORU

This course prepares skilled and professionally competent graduates to work in a variety of social care settings and to facilitate students in acquiring the relevant knowledge and skills to engage in professional reflective practice. The qualities needed to become a good social care worker include empathy, patience, resilience, optimism and a motivation to work with and support the most deprived and marginalised groups in society.

This course emphasises the professional and personal development required to work in the challenging field. As an applied profession, this course requires students to undertake two semesters of professional placement. Typically, a Social Care Worker is employed working with those who have physical or learning difficulties, disabilities, young people at risk, children who have been neglected or abused, family support

services, addiction services, homeless services, elderly people, and in settings as diverse as residential care, day care, and community-based services. This course is approved by CORU.

## Why study this course?

Students will learn about evidenced-based approaches to building relationships, engaging with and advocating for vulnerable populations. Our staff are skilled teachers, scholars and practitioners who will help you develop yourself personally and professionally, so that you can effectively assess and treat the diverse needs of service users.

## What can I do after this course?

Graduates can progress onto the 4th year of the Level 8 honours degree at TUS. Job opportunities for graduates include Social Care Worker, Community Project Worker, Family Support Worker. Graduate employment opportunities are with the HSE, TUSLA, Youth and Community Services, Section 38 public agencies, as well as Section 39 voluntary agencies (as per the Health Act 2004).

**Visit our Ennis Campus Open Day  
20th November 2024**

# Sport



Scan the QR code to read more about our Sport Courses

	Year 1	Year 2	Year 3	Year 4
<b>US784 Applied Sports Science with Sport &amp; Exercise Nutrition</b>				<b>US784 Applied Sports Science with Sport &amp; Exercise Nutrition</b> (Add-On)
<b>US961 Applied Sports Science with Sport &amp; Exercise Nutrition</b>				
<b>US786 Applied Sports Science with Strength &amp; Conditioning</b>				<b>US786 Applied Sports Science with Strength &amp; Conditioning</b> (Add-On)
<b>US958 Applied Sports Science with Strength &amp; Conditioning</b>				
<b>US789 Applied Sports Science with Performance Technology</b>				<b>US789 Applied Sports Science with Performance Technology</b> (Add-On)
<b>US959 Applied Sports Science with Performance Technology</b>				
<b>US787 Business Studies with Sports Management</b>				<b>US787 Business Studies with Sports Management</b> (Add-On)
<b>US953 Business Studies with Sports Management</b>				
<b>US785 Sports Development &amp; Performance</b>				<b>US785 Sports Development &amp; Performance</b> (Add-On)
<b>US640 Sports Development &amp; Coaching</b>			<b>US640 Sports Development &amp; Coaching</b> (Add-On)	<b>US640 Sports Development &amp; Coaching</b> (Add-On)
<b>US954 Sports Development &amp; Performance</b>				
<b>US934 Physical Education with Business</b>				

Courses and Progression

## Level 8 Courses

- US959 Applied Sports Science with Performance Technology**  
Bachelor of Science (Honours) Ab Initio
- US961 Applied Sports Science with Sport & Exercise Nutrition**  
Bachelor of Science (Honours) Ab Initio
- US958 Applied Sports Science with Strength & Conditioning**  
Bachelor of Science (Honours) Ab Initio
- US953 Business Studies with Sports Management**  
Bachelor of Arts (Honours) Ab Initio
- US934 Physical Education with Business**  
Bachelor of Arts (Honours) Ab Initio
- US954 Sports Development & Performance**  
Bachelor of Arts (Honours) Ab Initio

## Level 7 Courses

- US789 Applied Sports Science with Performance Technology**  
Bachelor of Science
- US784 Applied Sports Science with Sport & Exercise Nutrition**  
Bachelor of Science
- US786 Applied Sports Science with Strength & Conditioning**  
Bachelor of Science
- US787 Business Studies with Sports Management**  
Bachelor of Arts
- US785 Sports Development & Performance**  
Bachelor of Arts

## Level 6 Courses

- US640 Sports Development & Coaching**  
Higher Certificate in Arts

# Applied Sports Science with Performance Technology

Bachelor of Science (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US959</b>	<b>Modules at a glance:</b> The Level 8 and Level 7 courses consist of theoretical and practical aspects across the following streams of study: Sports Science (e.g. Injury Management & Periodisation), Strength & Conditioning (e.g. Resistance Training & The Female Athlete), Performance Analysis (e.g. Video Analysis & Performance Testing), Nutrition (e.g. Sports Nutrition), Business (e.g. Communication Skills, Sports Innovation).
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 278</b>	
		<b>Location: Thurles Campus, Co. Tipperary</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Bachelor of Science</b>			<b>Class Contact Hours:</b> 18-24 hours per week, depending on the year
<b>Level 7</b>	< >	<b>Course Code: US789</b>	
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 216</b>	
		<b>Location: Thurles Campus, Co. Tipperary</b>	
		<b>Progression to Level 8: Yes (Add-on)</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Contact Details: Dr. Damien Young, Course Leader   Tel: 0504 28000   Email: Damien.Young@tus.ie</b>			

## What is this course about?

Applied Sports Science with Performance Technology is available through the CAO at Level 8 and Level 7 at TUS.

The course prepares students to work in an emerging field of sports analysis and is underpinned with exercise science to provide students with the background knowledge of developing sports performance. The course content will be delivered through theory and practical classes. This course focuses on the applied nature of exercise science with the addition of sports analysis. We place a significant emphasis on preparing students to be able to deliver the knowledge through practical coaching sessions. In addition, we aim to prepare students to be industry-ready.

Students will study the core elements of exercise science, such as components of fitness, the principles of training, sports nutrition, sports psychology, and learn how to analyse biomechanical movements and the science of sport. Students will then specialise in performance technology. Specialist content includes GPS technology, pre, post, and live sports event analysis, creating an athlete's needs analysis, talent identification, and recruitment. Covering the course content will allow students to take the ITEC gym instruction qualification exam. The role of a performance analyst in sports has grown in recent times. We place a significant emphasis on preparing students to assess sports performance, design interventions, and recommend strategies to improve

performance. The course is designed to provide students with the knowledge and skills to support the coaches and athletes in their performance improvements.

## Why study this course?

This course offers students an opportunity to gain a qualification in exercise science while specialising in performance analysis.

## What can I do after this course?

Graduates will have developed a wide range of practical skills that are beneficial across various roles within a sporting organisation. Exposure to exercise science, performance analysis, coaching, and research environments will ensure you are 'industry-ready'. Graduates take up work in gyms, coaching, performance analysis or setting up their own sport business. Further education can be sought in sports performance analysis, sports coaching or sports psychology.

## PE & SPORTS PERFORMANCE WORKSHOPS

Thurles Campus – 22nd November 2024

Book now at: [schools@tus.ie](mailto:schools@tus.ie)

# Applied Sports Science with Sport and Exercise Nutrition

Bachelor of Science (Honours)			
<b>Level 8</b>	< >	<b>Course Code: US961</b>	<b>Modules at a glance:</b> Human Anatomy, Resistance Training, Human Movement, Biomechanics, Communication & IT Skills, Composition & Metabolism of Nutrients, Sports Nutrition, Public Health Nutrition, Performance Measurement & Testing, Sports Profiling & Analysis, Endurance Development, Psychology for Sport, Statistical Research Methods, Sport Technology Analytics, Nutrition for Health & Disease, Professional Practice & Content Creation, Food Safety & Technology, Ergogenic Aids for Sport & Performance, Periodisation, Sport Innovation & Professional Development.
		<b>Duration: 4 Years</b>	
		<b>CAO Points 2024: 218</b>	
		<b>Location: Thurles Campus, Co. Tipperary</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Bachelor of Science</b>			<b>Class Contact Hours:</b> 18-24 hours per week, depending on the year
<b>Level 7</b>	< >	<b>Course Code: US784</b>	
		<b>Duration: 3 Years</b>	
		<b>CAO Points 2024: 218</b>	
		<b>Location: Thurles Campus, Co. Tipperary</b>	
		<b>Progression to Level 8: Yes (Add-on)</b>	
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.	
<b>Contact Details: Ms. Theresa Norton, Course Leader   Tel: 0504 28000   Email: Theresa.Norton@tus.ie</b>			

## What is this course about?

Applied Sports Science with Sport and Exercise Nutrition is available through the CAO at Level 8 and Level 7 at TUS.

This innovative degree provides a comprehensive understanding of the scientific principles and practical applications of nutrition and exercise in sports performance. While the introduction of Applied Sport Science is at the core to ensure that students have a solid foundation and understanding in areas such as physiology, biomechanics, and psychology, the course is about equipping students with the knowledge and practical skills needed to work in the field of Sport and Exercise Nutrition.

The key features of the course have been designed to reflect the dynamic global sporting environment in which sports nutrition, testing, analysis, and businesses operate. Students will develop specialised skills and knowledge of applied sport and exercise nutrition methods such as Nutritional Assessment, Behaviour Management, and Applied Performance Nutrition.

## Why study this course?

A unique element of the course is the applied nature of study where most modules have significant practical elements that focus on developing the core knowledge and skills necessary to be industry ready upon graduation. Students will gain hands-on experience throughout the course by working with populations of all ages, genders and abilities through modules such as

Nutrition Across the Lifecycle and the Female Athlete, as well as during work placement (or studying abroad) in the third year of the course.

## What can I do after this course?

The course prepares students for entry into employment in the private and public sector including National Governing Bodies for Sport, Elite Sports teams, High Performance Centres, Gyms, Local Authority organisations such as Sport Partnerships, Community groups and local sports clubs. Graduates will be eligible to apply for registration on the Sport and Exercise Nutrition register (SENr) and the Association for Nutritionists (AfN) and will have a solid basis for further study at postgraduate and professional levels.

## Professional Links

Sport & Exercise Nutrition Register (SENr) | Association for Nutritionists (AfN) | Sport Ireland | National Strength & Conditioning Association (NSCA) | GAA | Local Sports Partnerships | ITEC | International Society for the Advancement of Kin Anthropometry (ISAK).

## PERFORMANCE TECHNOLOGY WORKSHOP

FOR FEMALE STUDENTS

Thurles Campus – 28th February 2025

Book your place: [schools@tus.ie](mailto:schools@tus.ie)

# Applied Sports Science with Strength and Conditioning

Bachelor of Science (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US958</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 244</b>
		<b>Location: Thurles Campus, Co. Tipperary</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
<b>Modules at a glance:</b> The Level 8 and Level 7 courses consist of theoretical and practical aspects across the following streams of study: Sports Science (e.g. Anatomy & Injury Management), Strength & Conditioning (e.g. Resistance Training & The Female Athlete), Performance Analysis (e.g. Sports Profiling & Performance Testing), Nutrition (e.g. Sports Nutrition), Business (e.g. Communication Skills, Sports Innovation).		
<b>Class Contact Hours:</b> 18-24 hours per week, depending on the year		
<b>Other Information:</b>		
• Work Placement/Study Abroad in Year 3 on Level 8 & Level 7 courses		
• QQI Applicants		
• Mature Applicants		
• Garda Vetting		
<b>Progression to Level 8: Yes (Add-on)</b>		
<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.		
<b>Contact Details:</b> Dr. Damien Young, Course Leader   Tel: 0504 28000   Email: Damien.Young@tus.ie		

## What is this course about?

Applied Sports Science with Strength and Conditioning is available through the CAO at Level 8 and Level 7 at TUS.

The course prepares students to work with children, youths, and adults in various sporting environments. This course focuses on the applied nature of exercise science.

The course content will be delivered through theory and practical classes. We place a significant emphasis on preparing students to be able to deliver the knowledge through practical coaching sessions. Students will study the components of fitness, the principles of training, sports nutrition, sports psychology, learn how to analyse biomechanical movements and the science of sport. Students who choose this course will specialise in strength and conditioning. Some modules include resistance training, weightlifting, injury prevention, and periodisation. Covering the course content will allow students to take the ITEC Gym Instruction qualification exam.

A core element of this course is the applied nature of study. Consequently, the modules that students will study have significant practical elements that focus on developing coaching competencies necessary to improve the athletes in their chosen sport and to ensure students are industry ready upon graduation.

## Why study this course?

Strength and conditioning practitioners are in demand across the lifecycle from designing programmes and coaching children, youth, adults, or older adults. This course is designed to provide students with the knowledge and skills to undertake conditioning programmes to support coaches, athletes and individuals in their performance improvements.

## What can I do after this course?

Graduates with sports science with strength and conditioning degrees can take up work in gyms, sports teams or set up their own sport business. Graduates can also further their education in sports performance, sports coaching, sports psychology and physiotherapy.

Graduates are expected to gain employment in sports organisations, sports' national governing bodies, sporting clubs and colleges, health and fitness industry, community activity programmes and private enterprise.

**PE & SPORTS PERFORMANCE WORKSHOPS**  
Thurles Campus – 22nd November 2024

Book now at: schools@tus.ie

# Business Studies with Sports Management

Bachelor of Arts (Honours)		
<b>Level 8</b>	< >	<b>Course Code: US953</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 225</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>
<b>Modules at a glance:</b> Students on the Level 8 and Level 7 courses will study: Anatomy & Physiology for Sport, S&C for Health & Fitness, Coaching, Movement Analysis, Nutrition, Sports Events, Health & Wellbeing, Multi Sports Experience, Psychology, Management, Finance, Learning Skills & IT, Business Technology, Administration & Governance, Media Communications, Economics, Marketing, PR, Human Resource Management, Entrepreneurship and Sports Research.		
<b>Class Contact Hours:</b> 20 hours per week (depending on year)		
<b>Other Information:</b>		
• Work Placement/Study Abroad in Year 3 on Level 8 & Level 7 courses		
• QQI Applicants		
• Mature Applicants		
• Garda Vetting		
<b>Progression to Level 8: Yes (Add-on)</b>		
<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>		
<b>Contact Details:</b> Caroline Shanley, Course Leader   Tel: 061 293816   Email: Caroline.Shanley@tus.ie		

## What is this course about?

Business Studies with Sports Management is available through the CAO at Level 8 and Level 7 at TUS.

This course has been designed for people with a passion for sport who would like to work in an exciting, dynamic and global industry. Learn about working with athletes and training for performance and health. Develop your leadership skills and gain an understanding of governance and sports development, marketing, sponsorship, finance, law, running events, economics, public relations and human resource management. The course will suit anyone with a passionate interest in sport and a flair for business and management. You don't need to be an elite athlete; you just need a positive attitude, a willingness to work hard and the determination to succeed.

The interesting blend of both sports and business modules provides graduates with the skills, knowledge and competencies to work in either sport or business management, maximising employment opportunities. Students particularly enjoy the practical activities, learning through doing, which are central to the learning experience on this course. Develop your network of contacts through our professional links with various Sports Partnerships, the GAA, Camogie Association, FAI, Treaty United, Munster Rugby, Thomond Park Stadium and Sport Ireland. Take the opportunity to travel during your placement while working or studying in Ireland or overseas.

Play sport and make new friends. Whatever your ambitions in sport, Business Studies with Sports Management in TUS can help you achieve them.

## Why study this course?

This course is ideal for anyone who is passionate about sport but would like to carve a career in a management or leadership role. Students particularly enjoy the practical activities, learning through doing, which are central to the learning experience on this course.

## What can I do after this course?

Graduates can expect to find work in a broad range of areas. Many continue to postgraduate education while others go on to find employment with national and multinational companies, national governing bodies, local sports partnerships, event management companies, professional clubs, sports agencies, accounting firms, insurance, financial institutions, consultancy firms, human resource management roles, marketing roles, sales, and business teaching.

**PE & SPORTS PERFORMANCE WORKSHOPS**  
Moylish Campus – 22nd November 2024

Book now at: schools@tus.ie

# Physical Education with Business

NEW COURSE

Bachelor of Arts (Honours)		
Level 8	< >	<b>Course Code: US934</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points: New for 2025</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
		<b>Modules at a glance:</b> Physical Education Pedagogy, Work Placement/ Study Abroad, Recognised Business Teaching modules as per The Teaching Council directives, Sports Coaching and Psychology modules, Health and Wellbeing modules.
		<b>Class Contact Hours:</b> 20 hours per week
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Study Abroad</li> <li>• QQI Applicants</li> <li>• Mature Applicants</li> <li>• Garda Vetting</li> </ul>
<b>Contact Details:</b> Mr. Seoirse Bulfin, Course Leader   Email: Seoirse.Bulfin@tus.ie   Mr. Kelvin Harold, Course Leader   Email: Kelvin@Harold@tus.ie   Tel: 061 293000		

## What is this course about?

The Bachelor of Arts (Honours) in Physical Education with Business degree will offer a comprehensive education in the dynamic intersections of physical education and business, catering to the growing demand for professionals in these fields both in Ireland and internationally.

The course is designed to ensure, that upon completion, graduates will be equipped to pursue a variety of careers in PE, business education, sport and general business. The aim of the course is to provide and empower students with the essential skills, expertise and proficiencies required to thrive in the realm of physical education and business. The key features of this four-year course have been designed to reflect the dynamic global environment in which physical education, business and sport operate and will prepare students for entry into employment in the areas of both sport and business.

The course will also provide a robust foundation for further study at postgraduate and professional levels, offering students the option to delve deeper into specialised knowledge before transitioning into the professional workforce.

## Why study this course?

This course will provide and empower students with the essential skills, expertise and proficiencies required to thrive in the realm of physical education and business.

## What can I do after this course?

On successful completion of the course, graduates can consider opportunities in: Teaching (on completion of the Professional Master's in Education (PME) in Physical Education Teaching and/or Business Studies Teaching), Sports Development Officer, Business Start-Ups, Financial Services, Civil Service, Sporting and Community National Governing Bodies.

# Sports Development and Performance

Bachelor of Arts (Honours)		
Level 8	< >	<b>Course Code: US954</b>
		<b>Duration: 4 Years</b>
		<b>CAO Points 2024: 264</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>
		<b>Modules at a glance:</b> Core areas of study include (but not limited to) coaching, strength and conditioning, psychology, nutrition, sports development, ethics and governance, athlete welfare and talent development, adapted physical activity, fundamental movements and biomechanics, sports events, communications and technology, law, sports and club accounts, entrepreneurship and marketing.
		<b>Class Contact Hours:</b> Up to 24 hours per week, depending on the year of study
<b>Bachelor of Arts</b>		
Level 7	< >	<b>Course Code: US785</b>
		<b>Duration: 3 Years</b>
		<b>CAO Points 2024: 230</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Progression to Level 8: Yes (Add-on)</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• Work Placement/Study Abroad in Year 3 on Level 8 &amp; Level 7 courses</li> <li>• QQI Applicants</li> <li>• Mature Applicants</li> <li>• Garda Vetting</li> </ul>
<b>Contact Details:</b> Dr. Marion Geary, Course Leader   Tel: 061 293816   Email: Marion.Geary@tus.ie		

## What is this course about?

Sports Development and Performance is available through the CAO at Level 8 and Level 7 at TUS.

This highly practical course provides graduates with the skills, knowledge, and competencies to work in a broad range of sports roles, maximising employment opportunities. Our curriculum is designed to bridge the gap between theory and practice, where you will gain practical skills that will set you apart in the competitive sports industry. Our lecturers have industry experience at the highest level of sport and bring their wealth of knowledge to the classroom. During your practical sports placement, you will have the opportunity to work with teams, organisations and athletes putting your skills into action and building essential connections. You will also get the opportunity to obtain extra coaching certificates, enhancing your qualifications and opening more career opportunities. Whatever your ambitions in sport, Sports Development and Performance in TUS can help you achieve them.

This course has been designed for people with a passion for sport, who would like to work in an exciting, dynamic and global industry. Learn about coaching, promoting sports activities and the skills required to work with athletes. Develop your leadership skills and gain an understanding of sports development, resistance training and conditioning, exercise

and health, talent ID & development, fitness testing, nutrition, psychology, sports injuries and how to use the latest coaching technologies.

## Why study this course?

This course will suit individuals with a passion for people, sport and exercise. You will need to enjoy working in a team environment with people of all ages, from different backgrounds and different abilities in large and diverse areas within the private, public, and voluntary sectors.

## What can I do after this course?

Graduates can expect to find work in a broad range of areas. Many continue in postgraduate education while others go on to find employment with national governing bodies, local sports partnerships, professional clubs, community sports hubs, sports clubs or youth organisations, as well as in other related roles such as sports managers/coordinators, sports analysts and graduate jobs in various private and public sector organisations.

**PE & SPORTS PERFORMANCE WORKSHOPS**  
**Moylish Campus – 22nd November 2024**

Book now at: [schools@tus.ie](mailto:schools@tus.ie)

# Sports Development and Coaching

Higher Certificate in Arts		
Level 6	< >	<b>Course Code: US640</b>
		<b>Duration: 2 Years</b>
		<b>CAO Points 2024: 179</b>
		<b>Location: Moylish Campus, Limerick</b>
		<b>Progression to Level 7 &amp; Level 8: Yes (Add-on)</b>
		<b>Entry Requirements: Leaving Certificate:</b> A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. <i>Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.</i>
		<b>Modules at a glance:</b> Modules span a variety of key disciplines including sports development & coaching, health & fitness, business & management and personal & professional development. Core areas of study include (but not limited to) coaching, strength & conditioning, psychology, nutrition, sports development, ethics & governance, fundamental movements & biomechanics, sports events, communications & technology, law & marketing.
		<b>Class Contact Hours:</b> Up to 24 hours per week, depending on the year of study
		<b>Other Information:</b> <ul style="list-style-type: none"> <li>• QQI Applicants</li> <li>• Mature Applicants</li> <li>• Garda Vetting</li> </ul>
<b>Contact Details:</b> Dr. Marion Geary, Course Leader   Tel: 061 293816   Email: Marion.Geary@tus.ie		

## What is this course about?

This highly practical course provides graduates with the skills, knowledge, and competencies to work in a broad range of sports roles, maximising employment opportunities.

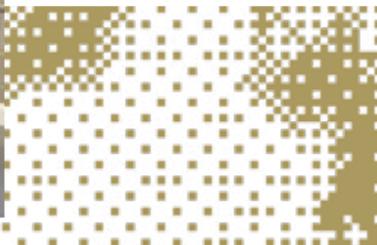
Our curriculum is designed to bridge the gap between theory and practice, where you will gain practical skills that will set you apart in the competitive sports industry. Our lecturers have industry experience at the highest level of sport and bring their wealth of knowledge to the classroom. You will also get the opportunity to obtain extra coaching certificates, enhancing your qualifications and opening more career opportunities. Whatever your ambitions in sport, Sports Development and Coaching in TUS can help you achieve them.

## Why study this course?

This course has been designed for people with a passion for sport, who would like to work in an exciting, dynamic and global industry. Learn about coaching, promoting sports activities and the skills required to work with athletes. Develop your leadership skills and gain an understanding of sports development, resistance training and conditioning, exercise and health, talent ID & development, fitness testing, nutrition, psychology, sports injuries and how to use the latest coaching technologies. This course will suit anyone with a passionate interest in sport and a flair for coaching.

## What can I do after this course?

Graduates can expect to find work in a broad range of areas. Many continue their education with the Level 7 and 8 Sports Development and Performance degrees, while others go on to find employment with national governing bodies, local sports partnerships, professional clubs, community sports hubs, sports clubs or youth organisations, as well as in other related roles such as sports managers/coordinators, sports analysts and graduate jobs in various private and public sector organisations.



TUS is a **QS\* 5 Star university**, having achieved the highest possible number of stars to become one of the top-rated universities in the world. TUS received maximum stars in all categories assessed, and is Ireland's first ever university to receive 5 Stars in the Arts and Culture category.

EXCELLENT



# Contact Details

## Athlone

### Athlone Campus Reception

Phone: +353 090 646 8000

Email: [reception.midlands@tus.ie](mailto:reception.midlands@tus.ie)

### Address

Technological University of the Shannon,  
Athlone Campus,  
University Road, Athlone,  
Co. Westmeath  
N37HD68

## Clare Street, Limerick City

### Clare Street Campus Reception

Phone: +353 61 293870

Email: [LSAD@tus.ie](mailto:LSAD@tus.ie)

### Address

Limerick School of Art & Design,  
Clare Street,  
Limerick  
V94 KX22

## Ennis

### Ennis Campus Reception

Phone: +353 61 293559

### Address

TUS Ennis Campus,  
Bindon Street,  
Ennis,  
Co. Clare  
V95 DP96

## Moylish, Limerick City

### Moylish Campus Reception

Phone: +353 61 293000

Email: [Reception.Midwest@tus.ie](mailto:Reception.Midwest@tus.ie)

### Address

TUS Moylish Campus,  
Moylish Park,  
Limerick  
V94 EC5T

## Clonmel

### Clonmel Campus Reception

Phone: +353 504 28000

Email: [LSAD@tus.ie](mailto:LSAD@tus.ie)

### Address

TUS Clonmel Digital Campus,  
Cashel Road,  
Clonmel,  
Co. Tipperary  
E91 D896

## Thurles

### Thurles Campus Reception

Phone: +353 504 28000

Email: [Reception.Midwest@tus.ie](mailto:Reception.Midwest@tus.ie)

### Address

TUS Thurles Campus,  
Nenagh Road,  
Thurles,  
Co. Tipperary  
E41 PC92

## Coonagh, Limerick City

### Address

TUS Coonagh Campus,  
Ennis Road,  
Limerick  
V94 TW71

# Student Recruitment and Engagement

**Our Student Recruitment and Engagement team provide a range of services to give prospective students relevant information about our courses, entry requirements, support services and student life in general at TUS.**

We host many events throughout the year at our campuses in Athlone, Limerick, Thurles, Clonmel and Ennis when you'll get an opportunity to explore our campuses at first hand. Our schools' programmes are tailor-made for prospective students and provide valuable opportunities for students to undertake meaningful course research, helping to make informed CAO decisions.

## School Visits and Careers Fairs

We are delighted to visit schools and speak with senior cycle students about our courses, support services and facilities. We also participate in many career exhibitions throughout the academic year. To arrange a visit to your school, please contact us.

## Open Days

Our Open Days are the highlight of our calendar when we invite prospective students to visit us to see for themselves the great university experience TUS offers. The Open Days are the perfect opportunity for students and parents/guardians to learn more about our courses and meet staff and student representatives.

## Taster Days and Discovery Events

Our doors are always open, and we host many events throughout the year such as Engineering Weeks, Portfolio Days and Sports workshops to give students an insight into our courses.

## Transitioning to Third Level Talks

This talk is tailored for third-level information evenings. The content we cover is not TUS-specific, but more about the general transition to third level, focusing on the CAO application process, grants, supports, HEAR and DARE, accommodation, student fees, scholarships, etc.

# We are here to help – Contact our team

## Student Recruitment Officer (Athlone Campus)

Sarah Denby

Email: [schools.midlands@tus.ie](mailto:schools.midlands@tus.ie)

## Student Recruitment Officers (Limerick, Clonmel, Ennis & Thurles Campuses)

Ann McBride & Caoilinn O'Malley

Tel: 0504 28021

Email: [schools@tus.ie](mailto:schools@tus.ie)

## TUS Admissions

### Admissions: Athlone Campus

[admissions.midlands@tus.ie](mailto:admissions.midlands@tus.ie)

### Admissions: Limerick, Clonmel, Ennis & Thurles Campuses

[admissions.midwest@tus.ie](mailto:admissions.midwest@tus.ie)

Follow us on social media to keep up to date with TUS news and events!

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**Athlone**  
**Clonmel**  
**Ennis**  
**Limerick**  
**Thurles**