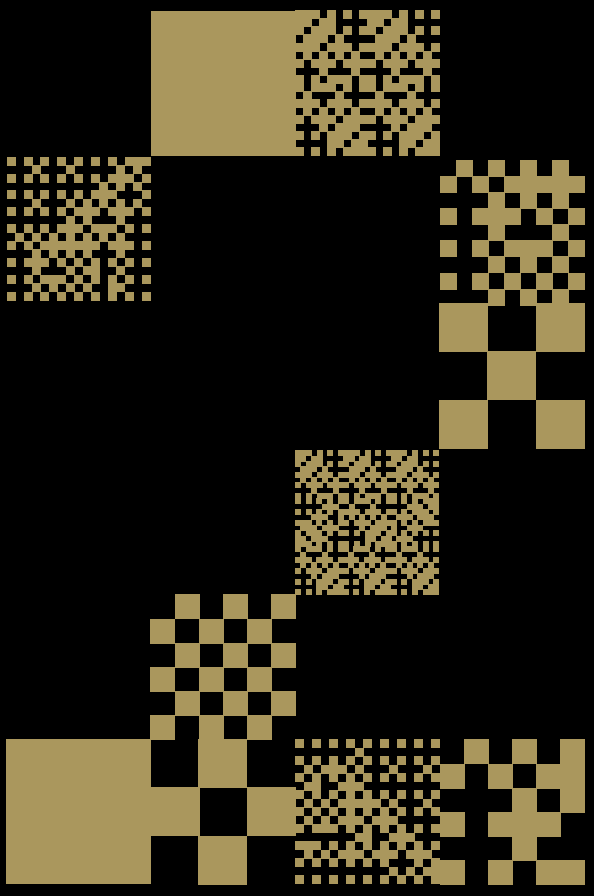
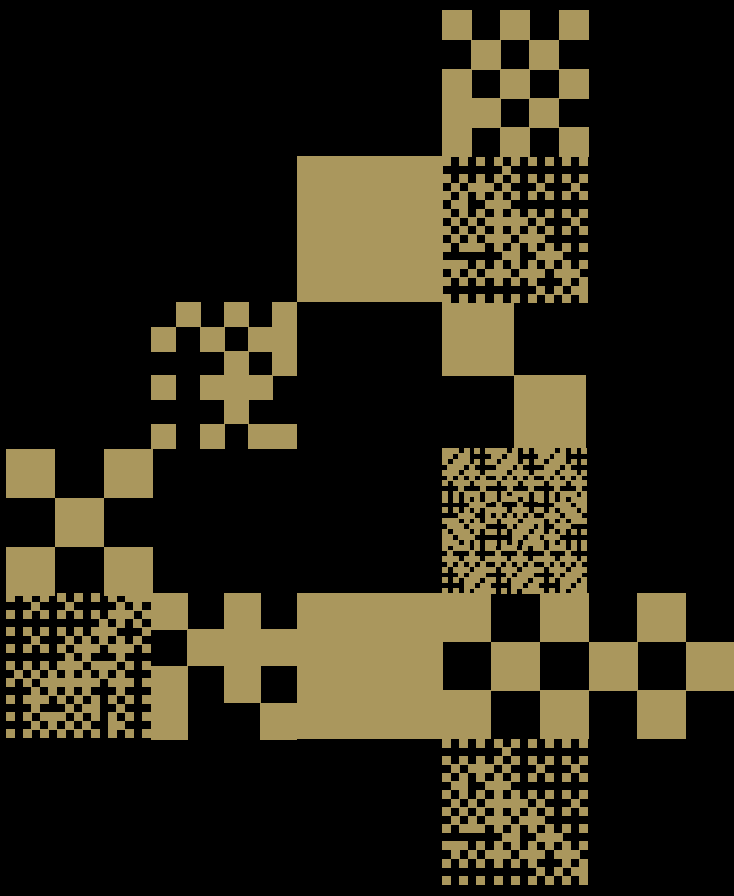
TUS

Ollscoil Teicneolaíochta na Sionainne:
Lár Tíre, An tIarthar Láir

Technological University of the Shannon:
Midlands Midwest

Undergraduate Prospectus 2024





Content

TUS Athlone – Course Guide

COURSE	CODE	LEVEL	DURATION	CAO Points 2023	LOCATION	PAGE
Business						
Business	US840	8	4	297	Athlone	*37*
Business	US720	7	3	243	Athlone	*37*
Digital Marketing	US844	8	4	292	Athlone	*38*
Digital Marketing	US724	7	3	252	Athlone	*38*
Law	US850	8	4	328	Athlone	*39*
Business and Law	US848	8	4	291	Athlone	*40*
International Business (with a mandatory language)	US853	8	4	282	Athlone	*41*
Accounting with Finance	US846	8	3	336	Athlone	*42*
Accounting with Finance and Placement	US847	8	4	309	Athlone	*43*
Business with Computing	US856	8	4	**NEW**	Athlone	*44*
Business Administration	US839	8	4	**NEW**	Athlone	*45*
Construction and Built Environment						
Construction Management	US884	8	4	300	Athlone	*46*
Civil Engineering	US887	8	4	476	Athlone	*47*
Civil Engineering	US761	7	3	228	Athlone	*47*
Quantity Surveying	US880	8	4	308	Athlone	*48*
Engineering						
Engineering (Common Year)	US773	7	3	251	Athlone	*49*
Mechanical Engineering	US910	8	4	309	Athlone	*50*
Mechanical Engineering	US770	7	3	227	Athlone	*50*
Mechanical Engineering with Energy	US912	8	4	327	Athlone	*51*
Mechanical Engineering with Energy	US772	7	3	318	Athlone	*51*
Polymer and Mechanical Engineering	US913	8	4	329	Athlone	*52*
Polymer and Mechanical Engineering	US777	7	3	233	Athlone	*52*
Automation and Robotics	US916	8	4	341	Athlone	*53*
Automation and Robotics	US776	7	3	227	Athlone	*53*
Design Engineering	US812	8	4	**NEW**	Athlone	*54*
Hospitality and Tourism						
Culinary Entrepreneurship	US930	8	4	263	Athlone	*55*
Hospitality Management (with International Placement)	US932	8	4	251	Athlone	*56*
Business Studies with Event Management	US942	8	4	**NEW**	Athlone	*57*
Business Studies with Event Management	US793	7	3	**NEW**	Athlone	*57*
Information Technology and Software						
Software Design with Virtual Reality and Gaming	US821	8	4	290	Athlone	*58*
Software Design with Virtual Reality and Gaming	US713	7	3	233	Athlone	*58*
Software Design with Digitalisation	US823	8	4	272	Athlone	*59*
Software Design with Digitalisation	US715	7	3	236	Athlone	*59*
Software Design with Artificial Intelligence for Cloud Computing	US822	8	4	328	Athlone	*60*
Software Design with Artificial Intelligence for Cloud Computing	US712	7	3	250	Athlone	*60*
Computer Engineering	US917	8	4	**NEW**	Athlone	*61*
Computer Engineering	US714	7	3	215	Athlone	*61*

**Portfolio required # 1 Year Common Entry course*

COURSE	CODE	LEVEL	DURATION	CAO Points 2023	LOCATION	PAGE
Computer Engineering with Network Infrastructure	US824	8	4	300	Athlone	*62*
Computer Engineering with Network Infrastructure	US711	7	3	214	Athlone	*62*
Computer Engineering for Robotics	US829	8	4	308	Athlone	*63*
Computer Engineering for Robotics	US716	7	3	199	Athlone	*63*
International Software Design (with International Placement)	US918	8	4	**NEW**	Athlone	*64*
Media, Design and Music						
Graphic Design	US700	7	3	#733	Athlone	*66*
Graphic and Digital Design	US803	8	4	#807	Athlone	*67*
Animation and Illustration	US802	8	4	#937	Athlone	*68*
Animation and Illustration	US778	7	3	**NEW**	Athlone	*68*
Music and Sound Engineering	US809	8	4	307	Athlone	*69*
Music and Sound Engineering	US704	7	3	260	Athlone	*69*
Music and Instrument Technology	US600	6	2	297	Athlone	*70*
Nursing, Health and Psychology						
Dental Nursing	US661	6	2	270	Athlone	*71*
Pharmacy Technician	US660	6	2	261	Athlone	*72*
Pharmacy Technician	Add-On	7	1	Add-On	Athlone	*73*
General Nursing	US877	8	4	370	Athlone	*74*
Mental Health Nursing	US878	8	4	346	Athlone	*75*
Nutrition and Health Science	US950	8	4	307	Athlone	*76*
Physical Activity and Health Science	US957	8	4	289	Athlone	*77*
Exercise and Health Science	US788	7	3	234	Athlone	*78*
Applied Psychology	US925	8	4	431	Athlone	*79*
Science						
Biotechnology	US861	8	4	339	Athlone	*80*
Biotechnology	US731	7	3	323	Athlone	*80*
Pharmaceutical Sciences	US866	8	4	291	Athlone	*81*
Pharmaceutical Sciences (Drug Development and Analysis)	US733	7	3	258	Athlone	*82*
Pharmacology	US865	8	4	307	Athlone	*83*
Microbiology	US862	8	4	309	Athlone	*84*
Bioveterinary Science	US867	8	4	293	Athlone	*85*
Veterinary Nursing	US738	7	3	400	Athlone	*86*
Applied Bioscience	Add-On	8	1	Add-On	Athlone	*87*
Social Sciences						
Applied Social Studies in Social Care	US782	7	3	237	Athlone	*88*
Early Childhood Education & Care (ECEC)	US926	8	4	263	Athlone	*89*
Early Childhood Education & Care (ECEC)	US780	7	3	180	Athlone	*89*
Social Care Practice	US921	8	4	270	Athlone	*90*
Sport						
Sports Science with Exercise Physiology	US951	8	4	339	Athlone	*91*
Athletic and Rehabilitation Therapy	US956	8	4	465	Athlone	*92*
Sport Management (with International Placement)	US952	8	4	244	Athlone	*93*

**Portfolio required # 1 Year Common Entry course*

TUS - Limerick (Moylish & LSAD Clare Street), Thurles, Clonmel & Ennis – Course Guide

COURSE	CODE	LEVEL	DURATION	CAO Points 2023	LOCATION	PAGE
Art & Design						
First Year Art & Design (Common Entry) *	US800	8	1#	794*	Clare Street, Limerick	*96*
Animation & Motion Design (Honours)	Add-on	8	3	-	Clare Street, Limerick	*97*
Ceramics (Honours)	Add-on	8	3	-	Clare Street, Limerick	*98*
Fashion Design (Honours)	Add-on	8	3	-	Clare Street, Limerick	*99*
Graphic Design Communication (Honours)	Add-on	8	3	-	Clare Street, Limerick	*100*
Painting (Honours)	Add-on	8	3	-	Clare Street, Limerick	*101*
Print Contemporary Practice (Honours)	Add-on	8	3	-	Clare Street, Limerick	*102*
Sculpture & Combined Media (Honours)	Add-on	8	3	-	Clare Street, Limerick	*103*
Art & Design Teacher Education (Honours) *	US801	8	4	945*	Clare Street, Limerick	*104*
Interior Design (Honours) *	US811	8	4	300*	Clare Street, Limerick	*105*
Creative Broadcast & Film Production (Honours)	US807	8	4	336	Moylish, Limerick	*106*
Creative Broadcast & Film Production	US702	7	3	308	Moylish, Limerick	*106*
Music Production & Technology (Honours)	US808	8	4	308	Moylish, Limerick	*107*
Music Production & Technology	US703	7	3	281	Moylish, Limerick	*107*
Creative Media & User Experience Design (Honours)	US804	8	4	253	Clonmel	*108*
Creative Media & User Experience Design	US701	7	3	154	Clonmel	*108*
Digital Animation (Honours) *	US805	8	4	662*	Clonmel	*109*
Game Art & Design (Honours) *	US806	8	4	781*	Clonmel	*110*
Visual Effects for Film, TV & Animation (Honours) *	US810	8	4	**NEW***	Clonmel	*111*
Business						
Accounting & Finance (Honours)	US845	8	4	350	Moylish, Limerick	*113*
Accounting & Finance	US610	6	2	344	Moylish, Limerick	*113*
Business (Honours)	US841	8	4	339	Moylish, Limerick	*114*
Business (Honours)	US842	8	4	243	Thurles	*114*
Business	US721	7	3	233	Thurles	*114*
Business Studies (Marketing & Management) (Honours)	US851	8	4	270	Moylish, Limerick	*115*
Business Studies (Marketing & Management)	US612	6	2	308	Moylish, Limerick	*115*
Business Studies (Digital Marketing) (Honours)	US843	8	4	260	Moylish, Limerick	*116*
Business Studies (Enterprise & Innovation) (Honours)	US852	8	4	259	Moylish, Limerick	*117*
Business Studies (Enterprise & Innovation)	US723	7	3	176	Moylish, Limerick	*117*

**Portfolio required # 1 Year Common Entry course*

COURSE	CODE	LEVEL	DURATION	CAO Points 2023	LOCATION	PAGE
International Business Studies (Honours)	US854	8	4	299	Moylish, Limerick	*118*
Business with Computing (Honours)	US855	8	4	306	Moylish, Limerick	*119*
Business with Computing	US722	7	3	270	Moylish, Limerick	*119*
Business and Law (Honours)	US838	8	4	**NEW**	Moylish, Limerick	*120*
Law (Honours)	US837	8	4	**NEW**	Moylish, Limerick	*121*
Law & Taxation (Honours)	US849	8	4	318	Moylish, Limerick	*122*
Construction & Built Environment						
Built Environment (Common Entry) (Honours) *	US883	8	1*	334	Moylish, Limerick	*124*
Civil Engineering Management (Honours)	US886	8	4	349	Moylish, Limerick	*125*
Civil Engineering	US760	7	3	243	Moylish, Limerick	*126*
Construction Management (Honours)	US885	8	4	280	Moylish, Limerick	*127*
Property Valuation & Management (Honours)	US882	8	4	337	Moylish, Limerick	*128*
Quantity Surveying (Honours)	US881	8	4	304	Moylish, Limerick	*129*
Engineering						
Agricultural Mechanisation	US651	6	2	224	Moylish & Pallaskenry	*132*
Agricultural Engineering	Add-on	7	1	N/A	Moylish & Pallaskenry	*133*
Agricultural Engineering	US769	7	3	**NEW**	Moylish & Pallaskenry	*134*
Automotive Engineering & Transport Management (Honours)	US915	8	4	353	Moylish, Limerick	*135*
Automobile Technology	US650	6	2	301	Moylish, Limerick	*136*
Road Transport Technology & Management	US775	7	3	311	Moylish, Limerick	*137*
Electrical Engineering (Honours)	US900	8	4	340	Moylish, Limerick	*138*
Electrical Engineering	US750	7	3	328	Moylish, Limerick	*138*
Electronic Engineering with Computer Systems (Honours)	US903	8	4	311	Moylish, Limerick	*139*
Electronic Engineering with Computer Systems	US751	7	3	247	Moylish, Limerick	*139*
Renewable & Electrical Energy Engineering (Honours)	US901	8	4	336	Moylish, Limerick	*140*
Renewable & Electrical Energy Engineering	US752	7	3	290	Moylish, Limerick	*140*
Robotics & Automation Engineering (Honours)	US902	8	4	326	Moylish, Limerick	*141*
Robotics & Automation Engineering	US753	7	3	293	Moylish, Limerick	*141*
Mechanical Engineering (Honours)	US911	8	4	311	Moylish, Limerick	*142*

**Portfolio required # 1 Year Common Entry course*

COURSE	CODE	LEVEL	DURATION	CAO Points 2023	LOCATION	PAGE
Mechanical Engineering	US771	7	3	309	Moylish, Limerick	*142*
Mechanical Engineering (Facilities) (Honours)	Add-on	8	1	N/A	Moylish, Limerick	*143*
Precision Engineering (Honours)	US914	8	4	300	Moylish, Limerick	*144*
Precision Engineering	US774	7	3	213	Moylish, Limerick	*144*
Engineering Technology Management (Honours)	US909	8	4	**NEW**	Moylish, Limerick	*145*
Engineering Technology Management	US779	7	3	**NEW**	Moylish, Limerick	*145*
Process & Engineering Management	Add-on	8	1	N/A	Moylish, Limerick	*146*
Hospitality & Tourism						
Business Studies with Beauty & Spa Management (Honours)	US946	8	4	328	Moylish, Limerick	*149*
Business Studies with Beauty & Spa Management	US792	7	3	292	Moylish, Limerick	*149*
Business Studies with Event Management (Honours)	US941	8	4	300	Moylish, Limerick	*150*
Business Studies with Event Management	US791	7	3	300	Moylish, Limerick	*150*
Business Studies with Travel & Tourism Management (Honours)	US940	8	4	261	Moylish, Limerick	*151*
Business Studies with Travel & Tourism Management	US790	7	3	262	Moylish, Limerick	*151*
Culinary Entrepreneurship (Honours)	US931	8	4	275	Moylish, Limerick	*152*
Culinary Arts	US795	7	3	262	Moylish, Limerick	*153*
Culinary Arts	US631	6	2	231	Moylish, Limerick	*153*
Information Technology & Software						
Computer Networks & Systems Management (Honours)	US827	8	4	319	Moylish, Limerick	*155*
Games Design & Development (Honours)	US828	8	4	260	Thurles	*156*
Immersive Digital Media (Honours)	US825	8	4	247	Moylish, Limerick	*157*
Mobile & Web Computing (Honours)	US826	8	4	300	Moylish, Limerick	*158*
Mobile & Web Computing	US710	7	3	232	Moylish, Limerick	*158*
Software Development (Honours)	US820	8	4	338	Moylish, Limerick	*159*
Science						
Agricultural Science & Sustainability (Honours)	US870	8	4	308	Thurles	*161*
Agricultural Science & Sustainabiility	US740	7	3	251	Thurles	*161*
Applied Biology	US730	7	3	356	Moylish, Limerick	*162*
Bioanalysis & Biotechnology (Honours)	Add-on	8	1	N/A	Moylish, Limerick	*163*
Biotechnology with Biopharmaceutical Science (Honours)	US860	8	4	400	Moylish, Limerick	*164*
Drug & Medicinal Product Analysis (Honours)	US864	8	4	309	Moylish, Limerick	*165*

**Portfolio required # 1 Year Common Entry course*

COURSE	CODE	LEVEL	DURATION	CAO Points 2023	LOCATION	PAGE
Environmental Science & Climate (Honours)	US868	8	4	290	Thurles	*166*
Environmental Science & Climate	US736	7	3	307	Thurles	*166*
Forensic & Pharmaceutical Science (Honours)	US863	8	4	444	Moylish, Limerick	*167*
Forensic & Pharmaceutical Science	US732	7	3	340	Moylish, Limerick	*167*
Medical Technology (Honours)	US869	8	4	346	Moylish, Limerick	*168*
Medical Technology	US735	7	3	398	Moylish, Limerick	*168*
Social Sciences						
Applied Psychology (Honours)	US924	8	4	408	Moylish, Limerick	*170*
Community & Addiction Studies (Honours)	US928	8	4	235	Moylish, Limerick	*171*
Early Childhood Education & Care (Honours)	US927	8	4	329	Moylish, Limerick	*172*
Early Childhood Education & Care	US783	7	3	**NEW**	Moylish, Limerick	*172*
Social Care Work (Honours)	US920	8	4	341	Moylish, Limerick	*173*
Social Care Work (Honours)	US922	8	4	253	Thurles	*173*
Social Care Work (Honours)	US923	8	4	236	Ennis	*173*
Social Care Work	US781	7	3	173	Ennis	*174*
Sport						
Applied Sports Science with Sport & Exercise Nutrition (Honours)	US961	8	4	**NEW**	Thurles	*176*
Applied Sports Science with Performance Technology (Honours)	US959	8	4	308	Thurles	*177*
Applied Sports Science with Performance Technology	US789	7	3	209	Thurles	*177*
Applied Sports Science with Strength & Conditioning (Honours)	US958	8	4	219	Thurles	*178*
Applied Sports Science with Strength & Conditioning	US786	7	3	288	Thurles	*178*
Business Studies with Sports Management (Honours)	US953	8	4	209	Moylish, Limerick	*179*
Business Studies with Sports Management	US787	7	3	280	Moylish, Limerick	*179*
Sports Development & Performance (Honours)	US954	8	4	290	Moylish, Limerick	*180*
Sports Development & Performance	US785	7	3	253	Moylish, Limerick	*180*
Sports Development & Coaching	US640	6	2	170	Moylish, Limerick	*181*

**Portfolio required # 1 Year Common Entry course*

Learn More About Studying at TUS

CALENDAR OF EVENTS 2023/2024

EVENT	LOCATION	DATE
Hospitality, Tourism & Leisure Taster Sessions	Athlone Campus	September 2023 - May 2024
FIRST® LEGO® League Challenge	Athlone Campus	September 2023 - March 2024
Open Days, Moylish Campus & LSAD, Clare Street, Limerick	Moylish & Clare Street Campuses, Limerick	19th & 20th October 2023
CAO Autumn Open Day, Athlone	Athlone Campus	20th & 21st October 2023
Portfolio Preparation & Course Information Day	Clonmel Campus	1st November 2023
Portfolio Preparation & Course Information Day (Graphic Design)	Athlone Campus	2nd November 2023
Portfolio Preparation & Course Information Day (Animation & Illustration)	Athlone Campus	2nd November 2023
Open Day, Thurles	Thurles Campus	11th November 2023
Accounting and Finance Taster Days for TY Students	Athlone Campus	14th and 15th November 2023
Festival of Sports Science	Athlone Campus	16th November 2023
PE & Sports Performance Workshops	Thurles Campus	17th November 2023
Engineering Week, Moylish	Moylish Campus, Limerick	11th – 15th December 2023
Construction Day, Moylish	Moylish Campus, Limerick	12th December 2023
Engineering/Construction Studies Leaving Certificate Workshops	Athlone Campus	13th and 14th December 2023
Taster Sessions – Hospitality, Tourism & Wellness	Moylish Campus, Limerick	December 2023 & March 2024
Portfolio Open Day, LSAD	Clare Street Campus, Limerick	11th January 2024
Engineering Open Day, Moylish	Moylish Campus, Limerick	13th January 2024
Information Morning for Mature & Further Education students	Thurles Campus	17th January 2024
Portfolio Preparation & Course Information Day	Clonmel Campus	18th January 2024
Performance Technology Workshops for female students	Thurles Campus	26th January 2024
Games Fleadh 2024	Thurles Campus	6th March 2024
Games Design & Development Workshops for Transition Year students	Thurles Campus	6th March 2024
Women in Engineering Day	Athlone Campus	7th March 2024
CAO Portfolio Assessments	Athlone Campus	15th March 2024
SciFest 2024	Athlone, Moylish & Thurles Campuses	April 2024
CAO Spring Open Evening, Athlone	Athlone Campus	17th April 2024
Engineering Taster Days for 5th Year students	Moylish Campus, Limerick	8th – 10th May 2024 incl.
Digital Pitch Summer School	Athlone Campus	May 2024
ICT in Education Conference 2024	Thurles Campus	May 2024
LSAD Graduate Shows	Clare Street Campus, Limerick	May 2024
Code4Fun Summer Camp	Athlone Campus	June 17th - 21st 2024

President's Welcome

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

Those of you who join us will benefit from a new and innovative approach to Higher Education, though one that is built on an educational heritage that has been rooted in the Midlands and Midwest for many decades.

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

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
President

Welcome to TUS

Technological University of the Shannon

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 – prioritising accessibility and opportunity for all. 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.

We are TUS. Join us!

- **15,000 Students**
- **2,500+ Graduates Annually**
- **250+ Global Partnerships**
- **150+ Courses**
- **7 Campuses**
- **4 Counties**
- **2 Regions**
- **1 Great University**

BELONG

Our small class sizes mean you're more than just a number. As a student in TUS, you will know your classmates and your lecturers, ensuring you feel part of an inclusive and friendly university community. A host of clubs and societies, along with outstanding sports facilities all make TUS a fun place to belong.

PROSPER

Supporting you is at the heart of everything we do at TUS. We want you to get the most out of your studies and our student support services are dedicated to helping you reach your potential, both academically and personally. We know that college life can be challenging and we provide a comprehensive range of student supports across our campuses.

THRIVE

Our practical and hands-on approach to teaching and learning means you will develop the skills and knowledge that employers look for. You will learn in state-of-the-art labs and workshops, becoming familiar with and accomplished in industry-standard equipment relevant to your course. Most courses include work placement, giving you an opportunity to gain industry experience or the chance to study or take a placement abroad.

INSPIRE

At TUS, you can be part of ground-breaking research and innovation that matters to you. Our research is focused on finding solutions, getting results and improving quality of life. As a progressive university, we are committed to discovery and creativity that will help drive our region forward through education, research and commercial collaboration.

SUCCEED

Our courses have been developed in partnership with industry, professional bodies and the community to give you the best possible academic and employment outcomes. A university qualification from TUS will open up a world of opportunities and our graduates are in demand with leading employers. Our flexible progression routes and ladder system of qualifications will give you the foundation to leave and explore the working world after gaining an initial qualification, and the roots to return and pick up where you left off if you want to continue studying.


TUS

We are TUS

At TUS, we are a multi-campus technological university situated in the Midlands and Midwest, with the wellbeing and education of more than 15,000 students our main priority.

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 that will prepare you for an exciting and rewarding career.

TUS has six campuses, with a seventh campus due to open at Coonagh, Limerick city in January 2024:

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

Athlone Town

Athlone is a large and bustling town located in the heart of Ireland. It is a town steeped in culture and history. It is situated on the banks of the River Shannon, Ireland's longest river, and spans not only two counties – Westmeath and Roscommon – but also two provinces – Leinster and Connaught. Athlone has developed as a major tourism point in Ireland. Its central location in the country means that it's only 90 minutes from Dublin Airport and within two hours of major cities such as Dublin, Galway, Limerick and Kilkenny. Athlone is well serviced by Irish Rail and Bus Eireann with bus stops directly outside the campus and a bus link directly to the train station.

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.

Limerick City

Limerick is a bustling student city that feels like home to 25,000 students from across Ireland and the globe. Situated on the banks of the River Shannon, at the edge of the Wild Atlantic Way, Limerick has plenty to offer its diverse student population. A vibrant and modern city with an abundance of shops and bistros, and with a thriving nightlife and music scene to suit all tastes and budgets, Limerick is big enough to feel lively and exciting, but small enough to feel like home. Limerick prides itself on a rich heritage and many historical attractions, including the 13th century King John's Castle and the Treaty Stone. It also boasts a strong and proud sporting tradition, particularly in Gaelic games and rugby. Limerick is a fun, inclusive and great city to study in, with a mix of sport, entertainment culture, and history that is hard to match.

Moylish Campus, Limerick
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, café 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, Limerick
Our Limerick School of Art & Design (LSAD) houses one of the longest-established centres of art and design education in Ireland. Internationally renowned, LSAD has an award-winning reputation with cutting-edge creative technologies on-site for student learning and a Fashion Department listed among the top 50 worldwide. Vibrant, living "canvas" inspired spaces for the creation, display and celebration of the artistic talents of its students; LSAD campuses are equipped with state-of-the-art bespoke studios, workshops and technical spaces purpose-built for students. The LSAD campus adds an additional dimension to the university's cultural offering, with opportunities for collaborations, exhibitions and events throughout the year.

Coonagh Campus, Limerick
Work is almost complete on our new state-of-the-art Engineering Campus in Coonagh, Limerick city.
The €24 million Coonagh campus is set to open in January 2024 with workshops, laboratories, research and learning facilities for up to 900 engineering students and apprentices. The new campus will be a centre of excellence for manufacturing engineering and other widespread engineering activities in the region. It will include precision engineering and electrical engineering workshops and laboratories, an integrated HGV & LGV garage facility, lecture theatres, tutorial rooms, IT labs, catering facilities, student services centre, smarter travel facilities and general accommodation facilities and amenities.

Thurles Town

A vibrant Tipperary town, Thurles is a great, central location in which to live and study. Well serviced by the Irish Rail network and growing its reputation as a university town, Thurles has many recreational and cultural facilities. With a thriving arts scene at the Source arts centre and theatre, a well-equipped leisure centre, cinema complex and shopping centre, and several coffee shops, the town has much to offer. For many people, Thurles is synonymous with the GAA and the famed Hayes Hotel, which held the first historic meeting of the GAA in 1884, is located in Liberty Square in the centre of the town. Semple Stadium, the spiritual home of hurling, is also just a puck of a sliotar from our Thurles Campus.

Thurles Campus

Our Thurles campus caters for students studying for qualifications in Applied Sports Science, Agricultural Science and Environmental Science, Business, Social Care Work, and Games Design. 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 electro mechanical 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.

Clonmel Town

With a population of almost 20,000, Clonmel is Tipperary's largest town. A thriving industrial hub and home to several leading multinational pharmaceutical companies, it has plenty of shops, restaurants and lively pubs, and offers lots to do for students living locally. If you enjoy the great outdoors, Clonmel is ideally located in a valley surrounded by mountains and hills including the Comeraghs and Slievenamon. After a hard day's work in college, you can enjoy the beautiful Suir Blueway Tipperary, with 21km of the 53km route accessible by bike or foot, or try your hand at some of the water sports activities at various points along the river. Clonmel also has a thriving arts scene and the annual Junction Arts Festival celebrates touring theatre and live music, attracting an array of theatre, music and dance performers each year.

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, Visual Effects for Film, TV and Animation, and Creative Media and User Experience Design are based at the Clonmel campus. A fantastic new addition to the campus is the €5 million Clonmel Sports Hub which recently opened on the campus grounds and includes a 400-metre IAAF standard athletics track, skatepark, walkways and cycleways.

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 read more about our campus locations.

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. From Open Days and Taster events to Engineering Workshops and Portfolio Days, our schools' programmes are tailor-made for prospective students. These events provide you with valuable opportunities to undertake meaningful course research, helping to make informed CAO decisions.

School Visits

We visit schools throughout the year to inform students about study opportunities at TUS. If you're a guidance counsellor or teacher and would like us to visit your school and give a presentation on study opportunities at TUS, 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 college experience TUS offers. Our 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 our campuses host many events each year including Engineering Weeks, Portfolio Days and Sports workshops to give students an insight into our courses. Check out our Calendar of Events to find an event that interests you.

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.

Contact our Team

Student Recruitment Officer (Athlone Campus)
Claire Connor
Tel: 090 6442521
Email: claire.connor@tus.ie

Student Recruitment Officers
(Limerick, Clonmel, Ennis & Thurles Campuses)
Ann McBride & James Clifford
Tel: 0504 28021
Email: schools@tus.ie

Follow us on social media to keep up to date with TUS news and events!

@tus_ire
TUoftheShannon
tus_ie
@tus_ie
tus_ie

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.

Most student accommodation is located within easy walking distance of our campuses. We work with local landlords and have an approved list of accommodation providers as a first place to start looking. Reach out and get in touch with the Students' Union and ask all the questions before booking your student accommodation. There are different types of accommodation available from 'digs' where a student lives with the owner of a property, to shared houses and apartments, and purpose built privately owned student apartments.

ATHLONE ACCOMMODATION

All accommodation complexes are modern, student-friendly apartments and are within a 15-minute walk of the Athlone campus and Athlone town. Each apartment is fully furnished and equipped with all the necessities. To learn more about accommodation serving Athlone campus, please visit the TUS website or scan the QR code below for more information.

LIMERICK, THURLES, CLONMEL AND ENNIS ACCOMMODATION

The Accommodation Office for the Midwest campuses opens on a full-time basis from early August for six weeks for first year students and is available on a part-time basis for all students from mid-September onwards. The service operates on a referral basis and all students organise their own accommodation and arrange by personal inspection, whereby each student inspects their own accommodation.

To learn more about accommodation serving Moylish and Clare Street campuses in Limerick city, Thurles, Clonmel and Ennis campuses, please visit the TUS website or scan the QR code for more information.

Student Experience

As you make your way through college life, giving you the support you need is at the heart of everything we do at TUS. While we are a multi-campus university community, our focus on maintaining small class sizes and getting to know our students properly means we offer a truly student-first college experience. From the moment you arrive on campus, our staff will be committed to making sure you feel like you belong, and dedicated to helping you get the most from your studies.

Our student-focused approach fosters a culture of academic excellence, combined with a supportive learning environment which has a warm and welcoming nature at its core. We are proud of our collaborative learning community which promotes an environment of diversity, inclusion and social integration. We encourage all students to get involved in life outside the formal learning space and to avail of the many opportunities to participate in activities that support our students' academic, cultural, social, health and wellbeing, sporting interests and preferences. By being actively involved in college life, you will not only be ideally positioned for your future career, but also for life after college too.

We also 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. Students are at the heart of everything we do at TUS. If you need additional information regarding the supports outlined here, please visit our website.

Scan your phone on the QR code to learn more about Student Support Services at our Limerick, Thurles, Clonmel and Ennis campuses.

Scan your phone on the QR code to learn more about Student Support Services at our Athlone campus.

Student Health Service

We provide confidential, professional, on-campus medical care for registered students and apprentices. Our service is nurse-led and provides comprehensive health services and emergency care as well as health promotion and supportive measures to help you in ways that will enable you stay focused and committed to your studies. 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. Nurse services are free-of-charge and doctor appointments are subsidised, costing €15 for students.

For further information or to make an appointment:
Student Health: Athlone
Email: studenthealth.midlands@tus.ie
Tel: 090 6468123

Student Health: Moylish, Clare Street, Thurles, Clonmel & Ennis
Email: nurses.midwest@tus.ie
Tel: 061 293106

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

Student Counselling Service

Our Student Counselling Service offers professional and confidential psychological counselling which is FREE to registered students, staffed by highly qualified and experienced psychologists, psychotherapists, and counsellors. Our aim is to provide professional, high calibre, accessible and student-centred psychological and emotional support for students. Students who present in crisis are prioritised for support.

TUS Student Counselling Services have a vibrant social media presence where we promote mental health and wellbeing. Follow us on Instagram @tusmidweststudentcounselling and @tusmidlandsstudentcounselling

For further information contact:
Student Counselling: Athlone
Tel: 090 6468063
Email: counselling.midlands@tus.ie

Student Counselling: Moylish, Clare Street, Thurles, Clonmel & Ennis
Tel: 061 293129
Email: 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. Our Access agenda comes from a philosophy of integration and social inclusiveness with a commitment to widening access for underrepresented student groups. **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. Further details regarding student financial supports is available through **www.studentfinance.ie**

The work of the Access Service is informed by the National Access Plan and targets underrepresented group such as, but not limited to the following:

- Students who experience socio-economic disadvantage
- Students with a Disability and/ or Specific Learning Difficulty
- Mature Students
- Irish Travellers
- Students progressing from Further Education
- Part-time students
- Lone Parents

Disability Service

TUS is also 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. We currently support students with the following disabilities: ADHD, ASD, Sensory Disabilities, DCD, Mental health Difficulties, Neurological Conditions, Physical Disabilities, Medical Conditions, Speech and Language Difficulties and Specific Learning Difficulties i.e. dyslexia.

Support is provided through the Fund for Students with Disabilities which is managed by the Higher Education Authority on behalf of the Department of Further and Higher Education, Research, Innovation and Science. All Access and Disability services are confidential. For full information on all services and supports please contact:

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

Disability: Moylish, Clare Street, Thurles, Clonmel & Ennis
Email: disability.midwest@tus.ie
Tel: 061 293224

Learning Support

Learning Support is available to all students. Over 1,000 students avail of support every year. Learning Support is 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. Students can avail of additional tuition in all subjects (eg, Maths, Engineering, Science, Academic Writing, etc), workshops in a range of areas including Study Skills and Exam Techniques, support for students with learning difficulties, and one-to-one consultations and group academic workshops and seminars to help improve academic skills.

Learning Support: Athlone
Email: academicwriting.midlands@tus.ie

Learning Support: Moylish, Clare Street, Thurles, Clonmel & Ennis
Email: lsu.midwest@tus.ie

Careers and Employability

The Careers and Employability Service supports students and recent graduates in developing and implementing successful career plans. We support students on every step of their career journey with their CV, application forms, social media profile, interview preparation, and career related assessments. We provide one-to-one support, workshops, seminars, clinics and webinars.

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

Careers & Employability: Moylish, Clare Street, Thurles, Clonmel & Ennis
Email: careersandemployability.midwest@tus.ie
Tel: 061 293442

Chaplaincy/Pastoral Care

Our Chaplaincy and Pastoral Care Service is available to students of all religious denominations and of none. We are here to support you in the areas of Pastoral Care, Community, Spirituality and Personal Development. TUS also operates an Emergency Fund for students who are experiencing emergency financial difficulty.

Chaplaincy/Pastoral Care: Athlone
Email: ChaplaincyPastoralCare.midlands@tus.ie

Chaplaincy Pastoral Care: Moylish, Clare Street, Thurles, Clonmel & Ennis
Email: ChaplaincyPastoralCare.midwest@tus.ie
Tel: 061 293442

Students' Union

TUS Students' Union actively supports positive progression of the overall student experience, particularly through academic affairs, students' wellbeing, the student social scene, and advocating for your rights. The Students' Union is the elected voice for all students, and are here to help protect your rights. The SU is a platform to allow you to have fun, develop into active citizens, have your voice heard and your rights upheld. The SU also works to promote personal safety by building awareness, and providing information and support around welfare.

Learn more about TUS Students' Union at:
www.tussu.ie and on social media
Facebook: TUS SU
Instagram: tus_su
Twitter: @tus_su

TUS Sport and Scholarships

Societies and sports clubs are central to student life at TUS and participating in a club or society is an important part of the student experience. It complements academic life, enhances students' personal and social development and helps to forge lifelong friendships.

For first year students in particular, joining a club or society is a great way to make new friends and meet people with similar interests, making the transition from school to university easier. We boast a vibrant clubs and societies scene, ensuring many interests are catered for and students are encouraged to get involved in the wide array of sports clubs and societies.

Sport

We participate in many intervarsity sports 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 is something to suit all interests and abilities.

Last year, TUS teams and individuals achieved success in a wide variety of codes and competitions. Such sporting success is built upon the excellent indoor and outdoor facilities as well as the established coaching/team management system, which is implemented by full-time sport and recreation officers, with the assistance of part-time coaching staff and students' sports representatives. The variety of sports available ensures most interests are catered for including:

- Go Karting
- Rugby
- Hurling
- Gaelic Football
- Camogie
- Handball
- Badminton
- Soccer
- Futsal
- Boxing
- Aerobics
- Cricket
- Weightlifting
- Outdoor pursuits
- MMA
- Kickboxing
- Taekwondo
- Tag Ruby
- Athletics
- Basketball
- Volleyball
- Equestrian
- Golf
- Archery
- Rowing
- Judo
- Yoga
- Pilates
- Dance
- Surfing
- Pool

Sport at TUS is for everyone and you can get involved at your own pace, whether you are an elite athlete, a beginner or just looking to get some exercise and have fun.

Societies

Enrolling in TUS means more than just academic learning. There's lots of opportunities to broaden your horizons and joining a club or society gives you an opportunity to learn new skills and meet new people that share similiar interests. There is an array of societies you can join, including Film, Drama, Animation and Computer Gaming societies, to name but a few.

TUS Sport Winners 2022/23

Mens GAA, Trench Cup Winners 2023
Mens GAA, Football League Winners
Ladies GAA, Donaghy Cup Winners 2023
Women's Rugby, Division 3 League Winners 2023
Women's Pool Intervarsity Winner 2023
Boxing, IABTA Intervarsities Champion (67kg) 2023

Several TUS students also represented Ireland in soccer, boxing and athletics competitions.

Sports Facilities – Athlone Campus

TUS International Arena boasts an array of options for health-conscious students, beginners and elite athletes alike. This facility includes a fully approved IAAF Indoor Athletics Stadium, student fitness gym, elite training gym, spinning studio, fitness studio, high performance testing room, two cryotherapy units and a movement mechanics sports science studio. Outdoor facilities provide for most sports including an eight-lane IAAF-approved outdoor athletics track which also features a full-size international dimension soccer pitch in the infield area (floodlit), a fully FIFA approved artificial soccer pitch, sand based multi-sport grass training field, full size GAA pitch and a 2km floodlit cross country trail.

The TUS Athlone sports gym has a dedicated team of qualified instructors who will provide you with excellent guidance, advice and comprehensive fitness programmes to match your fitness level, from complete beginners to elite athletes. Students can avail of discounted membership rates or can use the facilities on a pay as you go basis. A wide array of fitness classes are offered in our state-of-the-art studios.

For bookings or enquiries:
Email: Gym.Midlands@tus.ie
Tel: 090 6471803

Sports Facilities – Limerick, Thurles and Clonmel Campuses

Our Moylish campus in Limerick has an impressive range of sports facilities for students, including three full size pitches and an all-weather playing pitch, as well as a fully equipped gym and indoor sports hall, catering for basketball, soccer and fitness classes.

A new €5.5 million Clonmel Sports Hub has recently opened on the grounds of TUS Clonmel campus. Developed in partnership with Tipperary County Council and with support from local industry, the impressive multipurpose sports facility has been developed to international sporting standards and features a 400-metre IAAF-approved athletics track, a skatepark, walkways, cycleways, a playground and a cycle (pump) track. It is a fantastic addition to our Clonmel campus.

Our Thurles campus houses a state-of-the-art strength and conditioning building, the 'SportsLab'. Among the facilities available in the 2,000 sq. metre facility are a 45m, six lane sprint track specially designed to improve speed; a Paralympic area; cable machines; a range of sport technology systems, including micro electro mechanical systems and GPS systems; Olympic lifting platforms; five functional screening kits; weights and the full range of exercise machines. It is one of the finest facilities available in the country and is designed to support our Sports Science courses. Planning permission has recently been granted for the expansion of sports facilities at the Thurles campus with an extension to the SportsLab, alongside the development of tennis courts and GAA and astro pitches.

For bookings or enquiries:
Email: Bookings.Midwest@tus.ie
Tel: 061 293134

Sports Scholarships

Our commitment to sport is underlined by our Sport 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. Scholarships can include use of our sports facilities, physical therapy, one on one strength and conditioning coaching, functional screening assessments, cookery demonstrations, academic support, nutritional advice, lifestyle management, accommodation, financial support and sports psychology.

In the 2022/2023 academic year, TUS awarded over 100 scholarships to students across a wide range of sports. The scholarships are not aimed solely at elite players, but are open to individuals that take part in coaching and administrative roles in clubs across the university. Sports scholarship recipients must adhere to the TUS sports scholarship regulations, a copy of which must be signed on receipt of a scholarship from the Sports Department.

Further information on Sports Scholarships is available from the TUS Sports Offices or scan the QR codes to learn more.

Athlone Sports Department

Limerick/Thurles/ Clonmel/Ennis Sports Department

Elite Sportsperson Entry Scheme

TUS has in place, for some of its undergraduate degree courses (at Athlone), an academic entrance scheme for elite sportspersons. A number of places will be reserved for outstanding candidates who have reached a very high standard of sporting achievement, through performance or coaching, and who are committed to further developing their sporting and academic careers. A 50 CAO points waiver may be awarded to prospective students (Athlone only).

Applicants must satisfy the minimum entry requirements for level 7 and/or level 8 degrees at TUS. In addition, applicants must have reached a specified sports standard to be eligible for this very competitive scheme, and selection of successful candidates will be based on a range of criteria including sporting achievements. Further details of the Elite Entry Scheme are directly available from TUS Admissions Office, Athlone.

UPMC Sports Medicine Clinics

UPMC (University of Pittsburgh Medical Center), a globally recognised leader in sports medicine and orthopaedics has Sports Medicine Clinics at our Moylish and Thurles campuses. This exciting partnership ensures that TUS teams have access to world-class sport medicine services and equipment to help with recovery and athletic development.

International Opportunities and Study Abroad

TUS offers an international education experience, welcoming students from over 100 countries to our six 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 translations of qualifications not issued in English are required.

Non-EU students should apply directly online at:
www.tus.ie/international-students/

For International Enquiries contact:
International@tus.ie

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

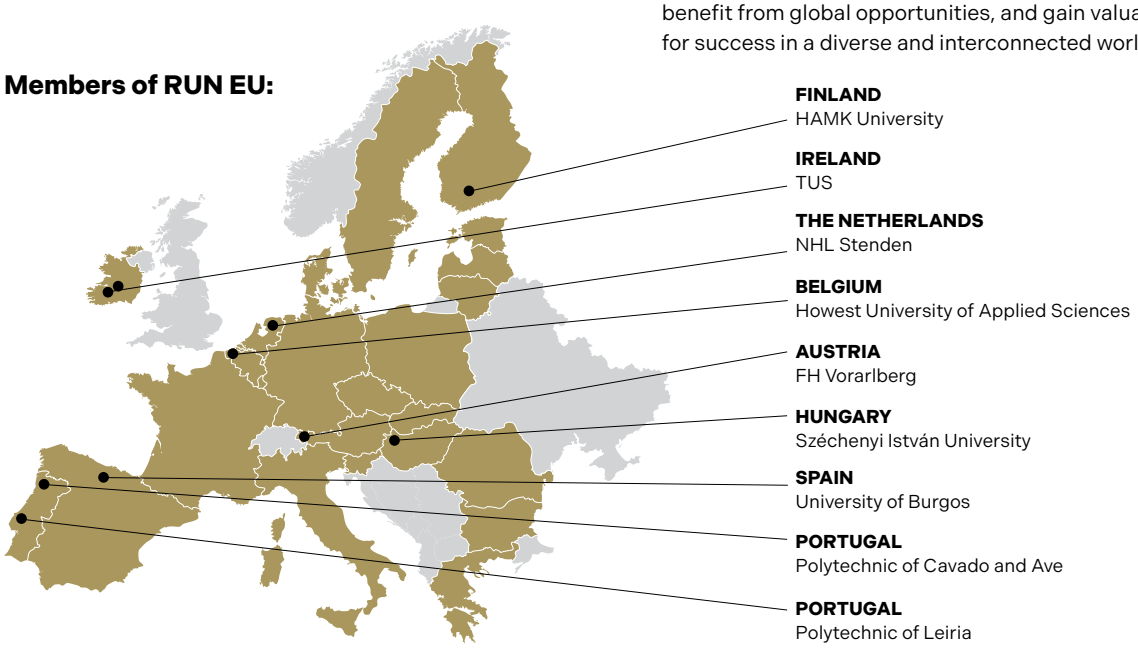
Athlone Campus
Tel: +353 (0)90 6471818

Limerick/Tipperary Campuses
Tel: +353 (0) 61 293432

Regional University Network – European University – RUN EU

TUS is also 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.

Members of RUN EU:



FINLAND
HAMK University

IRELAND
TUS

THE NETHERLANDS
NHL Stenden

BELGIUM
Howest University of Applied Sciences

AUSTRIA
FH Vorarlberg

HUNGARY
Széchenyi István University

SPAIN
University of Burgos

PORTUGAL
Polytechnic of Cavado and Ave

PORTUGAL
Polytechnic of Leiria

Entry Requirements and Fees

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 to TUS at undergraduate level:

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

When you apply to TUS, you will note that many of our courses are available for application through two routes: the 'ladder system' or the 'ab initio' route.

The **ladder system** describes how you can move from one qualification to a higher level award. For example, if you obtain a Higher Certificate (NFQ Level 6), you may progress to an 'add-on' Bachelor degree (NFQ Level 7) and subsequently to an Honours Bachelor degree (NFQ Level 8). The levels refer to the standing of the award on the National Framework of Qualifications. Students can start at Level 6 and progress right up to Level 10 (PhD). This ladder system gives you flexibility to take time out between qualifications to work, to move between institutions as you climb the ladder, and to choose between different specialisations in your chosen area of study.

The alternative path toward obtaining a qualification is known as **ab initio**, meaning 'from the beginning'. It describes courses which allow you to progress directly to award stage. For example, if you undertake an ab initio Bachelor degree, you receive that qualification on successful completion of the relevant 3 or 4-year course. The important thing to remember is that there is more than one route you can take to achieve your goals.

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** 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 2024

Closing date:	1 February 2024
Late closing date:	1 May 2024
Change of Mind date:	1 July 2024

Exceptional Late Applicants

Closing date:	22 July 2024

Entry Requirements

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

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.

HIGHER CERTIFICATE (LEVEL 6) COURSES
You must have 5 O6/H7 grades or higher at Ordinary Level in five Leaving Certificate subjects. Two of these subjects must include: Mathematics* and a Language (English or Irish). In practice, entry levels are significantly above the minimum and points are calculated from the six best subjects from one sitting.

BACHELOR DEGREE (LEVEL 7) COURSES
You must have 5 O6/H7 grades or higher at Ordinary Level in five Leaving Certificate subjects. Two of these subjects must include: Mathematics*# and a Language (English or Irish). In practice, entry levels are significantly above the minimum and points are calculated from the six best subjects from one sitting.

HONOURS BACHELOR DEGREE (LEVEL 8) COURSES
You must have 2 H5 grades or higher in two Higher Level subjects, together with 4 O6/H7 grades or higher in four other Ordinary Level subjects in Leaving Certificate subjects. Two of these subjects must include: Mathematics*# and a Language (English or Irish). In practice, entry levels are significantly above the minimum, and points are calculated from the six best subjects from one sitting.

**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.

Calculation of Points

TUS will award points for Leaving Certificate grades based on:

1. Points are counted for best six subjects.
2. Points are counted from only one sitting of the Leaving Certificate.

Leaving Certificate grading scale

HIGHER		ORDINARY	
Grade	**Points**	**Grade**	**Points**
H1	100		
H2	88		
H3	77		
H4	66		
H5	56	O1	56
H6	46	O2	46
H7	37	O3	37
H8	0	O4	28
		O5	20
		O6	12
		O7	0
		O8	0

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. For example, if an applicant receives a H6 grade an additional 25 points will be added to the 46 points already awarded for a H6 grade i.e. Higher Level Mathematics now carries a points score of 71 for this applicant.

Foundation Level Mathematics*

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

Courses located in 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
US940/US790	Business Studies with Travel & Tourism Management
US946/US792	Business Studies with Beauty & Spa Management
US927/US783	Early Childhood Education & Care
US931	Culinary Entrepreneurship
US795/US631	Culinary Arts

Courses located in Athlone Campus:

US926/US780	Early Childhood Education & Care (ECEC)
US782	Applied Social Studies in Social Care
US921	Social Care Practice
US700	Graphic Design
US802	Animation and Illustration
US803	Graphic and Digital Design
US778	Animation and Illustration

**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:

HIGHER CERTIFICATE (LEVEL 6)

Minimum entry: A full QQI FET/FETAC Level 5 award totalling 120 credits.

AB-INITIO BACHELOR DEGREE (LEVEL 7)

Minimum entry: A full QQI FET/FETAC Level 5 award totalling 120 credits.

AB-INITIO HONOURS BACHELOR DEGREE (LEVEL 8)

Minimum entry: A full QQI FET/FETAC Level 5 award totalling 120 credits and including a Distinction grade in at least three modules.

Please note that special requirements may exist for particular courses, for example, a requirement for a particular subject such as Mathematics.
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. If a QQI FET/FETAC applicant also presents a Leaving Certificate, the CAO will use whichever is the better. Applicants to Restricted Application courses or courses where a Portfolio is required will have their Portfolio score added to their QQI FET/FETAC Score.

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.

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.

Applicants applying for DARE must:
1. Be under the age of 23 as of 1 January 2024.
2. Apply to CAO by 5.15 p.m. on 1 February 2024.
3. No later than 5.15 p.m. on 1 March 2024, disclose your disability and/ or specific learning difficulty in your CAO application and fully and correctly complete Section A of the Supplementary Information Form (SIF).
4. Download Section B of the SIF (Educational Impact Statement), have it completed by your school and returned to CAO to arrive by 5.15 p.m. on 15 March 2024.
5. Download Section C of the SIF (Evidence of Disability), have it completed by the appropriate medical professional (only if you do not already have a report verifying your disability) and returned to CAO to arrive by 5.15 p.m. on 15 March 2024.

In place of Section C, applicants with a specific learning difficulty are asked to provide a full psycho-educational assessment completed by an appropriately qualified psychologist.

NOTE: DARE has specific requirements for Section C (Evidence of Disability) in relation to the medical consultant/specialist who must verify your disability, the age limit on reports and the documentation required. If you wish to be considered for the DARE scheme, you must answer yes to question 1 on Section A of the fully completed SIF by 5:15pm on 1 March 2024.

Response to your application:
In the last week of June, the CAO will notify you through your online CAO account if you are eligible for DARE. Unsuccessful applicants have the opportunity to appeal the decision under a number of criteria, details of which can be found at **www.accesscollege.ie/dare**. If your application is successful, the TUS Disability Support Service will be in contact with you by email after you have accepted your CAO offer.

More information on DARE is available from your school Guidance Counsellor or TUS Disability Support Service Co-ordinators:

TUS Athlone Campus:
Lisa Hanlon
Email: dare.midlands@tus.ie

TUS Limerick, Thurles, Clonmel and Ennis Campuses:
Broze O'Donovan
Email: dare.midwest@tus.ie

Information can also be found on **www.accesscollege.ie** and **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.

Eligibility to apply for HEAR:
HEAR is for school leavers under the age of 23 as of 1 January of year of entry to college who are resident in the Republic of Ireland. HEAR applicants must meet a range of financial, social and cultural indicators to be considered for a reduced points place and extra college support. For more information, please visit the HEAR website: **www.accesscollege.ie/hear**. Applications to HEAR can only be made online through the CAO before February 1.

Entry requirements for a reduced points place:
- Be eligible for HEAR,
- Meet TUS minimum entry (matriculation)requirements,
- Meet any specific entry requirements for the course you are applying for,
- Achieve at least 90% of the Leaving Certificate points required for the course applied for,
- Being eligible for HEAR does not guarantee you a reduced points place,
- Admitted students may also be subjected to TUS and, where applicable, professional fitness to practice policies.

How to apply to HEAR:
Students wishing to apply to HEAR should do so online through the CAO website by 1 February of the year of entry to college.

Response to your application:
In the last week of June, the CAO will notify you through your online CAO account to let you know if you are eligible for HEAR. Unsuccessful applicants have the opportunity to appeal the decision under a number of criteria, details of which can be found at **www.accesscollege.ie/hear** If your application is successful, the TUS Access Office will be in contact with you by email after you have accepted your CAO offer.

Supports available to HEAR students:
Along with existing Student Support Services, the Access Office will endeavour to provide academic, personal and social supports to students. In addition, you should apply separately for the Higher Education Maintenance Grant through SUSI at **www.susi.ie**

Closing dates:
Completed application Form: 1 February each academic year as part of your CAO application. Financial Documentation in support of your application: 15 March each academic year, to be submitted to the CAO.
To find out more information about the HEAR scheme, please visit: **www.accesscollege.ie/hear** or contact:

Athlone Campus
Jenny Burke, Access Officer
Email: hear.midlands@tus.ie

Limerick, Thurles, Clonmel & Ennis Campuses
Dr. Carolann Bargary, Access Officer
Email: hear.midwest@tus.ie

APPLICATIONS TO YEAR 2, 3 AND 4 OF ALL COURSES
Closing date for Advanced Entry Candidates (External Transfers): 1st May 2024
Closing date for Internal Transfers: 31st May 2024

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.

Accepting your Place at TUS

REGISTRATION
Following the closing date for acceptance of a place with the CAO, TUS will issue details of registration procedures which must be fully completed by the date indicated on the notice. All fees must be paid by the relevant date(s). The only exception will be where documentary proof of eligibility to grant-aid is provided in advance of registration. Where students fail to register within the deadline, TUS will offer the place to the next person on the waiting list at the next round of offers.

STUDENTS WITH DISABILITIES AND/OR SPECIFIC LEARNING DIFFICULTIES
We are committed to Equality of Opportunity and value the participation of all students. Students with special requirements should contact the Disability Officers at disability.midwest@tus.ie (Limerick, Thurles, Clonmel and Ennis campuses), or disability.midlands@tus.ie (Athlone campus), in advance of registration to agree the supports needed. While there is no obligation to discuss your disability, we recommend that you contact us in advance – from experience, we have found that this greatly reduces stress for students during the first weeks of term.

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 & Care (ECEC)
US782	Applied Social Studies in Social Care
US950	Nutrition and Health Science
US951	Sport Science Exercise Physiology
US956	Athletic and Rehabilitation Therapy
US957	Physical Activity and Health Science
US788	Exercise and Health Science

Limerick, Thurles and Ennis based courses:

US801	Art & Design Teacher Education (Limerick)
US640	Sports Development & Coaching (Limerick)
US958/US786	Applied Sports Science with Strength & Conditioning (Thurles)
US959/US789	Applied Sports Science with Performance Technology (Thurles)
US953/US787	Business Studies with Sports Management (Limerick)
US954/US785	Sports Development & Performance (Limerick)
US927/US783	Early Childhood Education & Care (Limerick)
US940/US790	Business Studies with Travel & Tourism Management (Limerick)
US941/US791	Business Studies with Event Management (Limerick)
US920/US922	Social Care Work (Limerick/Thurles)
US923/US781	Social Care Work (Ennis)
US928	Community & Addiction Studies (Limerick)

DEFERRING A PLACE ON A FIRST YEAR COURSE
An applicant who receives an offer of a place and who wishes to defer taking it for one year must seek the agreement of TUS. Such agreement is not guaranteed and is totally at the discretion of the university. The deferral is conditional on the course continuing in subsequent years, as courses can be discontinued from time to time, without prior notice. Please refer to the CAO website **www.cao.ie** for deferral procedure for Year 1.

Note: All costs outlined hereunder are those relevant in 2023/2024 and are approximate.
Information in this section was correct at the time of print; however, this information is subject to change.

Student Fees

FEES BREAKDOWN
All undergraduate course fees consist of two elements:
3. Student Contribution Fee and;
4. 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, please visit: **www.hea.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 & 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 2023 2024' 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. 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 all applicants in the application process, contact SUSI Support Desk:
Email: support@susi.ie
Tel: 0761 08 7874

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 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.hea.ie/funding-governance-performance/funding/student-finance/**

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

Athlone Campus:
Email: studentfees.midlands@tus.ie

Limerick, Thurles, Clonmel & Ennis Campuses:
Email: studentfees.midwest@tus.ie

Course Information

Business

Bachelor of Business (Honours)

Course Code: US840	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 297**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Critical Skills for Learning, Microeconomic Principles, Introduction to Management, Financial Accounting, Business Mathematics, Entrepreneurial Skills, Fundamentals of Marketing, Macroeconomic Principles, Computer Applications, Banking, Sales and Selling, European Business Studies, Marketing Management for a Digital Age, Languages.

Bachelor of Business

Course Code: US720	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 243**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Graduates from the Level 7 can progress into the 4th year of the Level 8 Hons Degree on the TUS Athlone Campus.

Entry Requirements: 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).

Modules at a glance: Marketing Management for a Digital Age, Critical Skills for Learning, Financial Accounting, Microeconomics, Computer Applications, Management, Entrepreneurial Skills, Business Mathematics, Macroeconomics, Marketing, Banking, European Business Studies, Sales and Selling, Languages.

Other Information: Work Placement | Optional Study Abroad | Add-on programme available in Level 8 | Scan the QR code for a full listing of modules offered on both courses.

Contact Details: **Dr Alison Sheridan,** Head of Department
Tel: (090) 6463010 | **Email:** Alison.Sheridan@tus.ie

What is this course about?

If you choose to study business on the Athlone Campus of TUS, 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. As members of the Regional University Network (RUN-EU) there are many additional opportunities to travel and integrate with students from our network of RUN-EU institutions while you gain your qualification. This coupled with your lecturers' vast industry experience and the faculty's extensive links with industry, commerce and the public sector, will influence and enrich your academic experience here at TUS. Over the course of your studies, you will have the opportunity to study the major disciplines in business: accounting, finance, economics, management, marketing and human resource management. We will encourage and assist you in developing the analytical, critical and creative skills needed to succeed in today's business world. You will be exposed to a variety of teaching methods, including lectures, tutorials, project work, case studies, presentations and practical workshops.

Why take 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. If you choose to undertake the Level 7 or Level 8 Business degree you will benefit from a one-semester placement in Year 3 of the programme. You will also have an opportunity to study abroad for a semester or a full year with one of our many prestigious partner universities.

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

Course Code: US844	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 292**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Critical Skills for Learning, Business Accounting, Digital Marketing Applications, Graphic Design for Marketing, Microeconomics for Digital Marketing, Introduction to Marketing in a Digital Age, Business Mathematics, Computer Applications, Social Media Sales and Marketing, Paid Advertising, Video and Special Effects, Advanced Social Media Apps & Artificial Intelligence.

Bachelor of Business in Digital Marketing

Course Code: US724	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 252**
Athlone Campus	

Progression to Level 8: Yes (Add-on)

Entry Requirements: 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).

Modules at a glance: Critical Skills for Learning, Business Accounting, Digital Marketing Applications, Graphic Design for Marketing, Microeconomics for Digital Marketing, Introduction to Marketing in a Digital Age, Business Mathematics, Computer Applications, Social Media Sales & Marketing, Paid Advertising, Video and Special Effects, Advanced Social Media Apps & Artificial Intelligence.

Other Information: Optional Study Abroad | Scan the QR code for a full listing of modules offered on both courses.

Contact Details: **Dr Alison Sheridan,** Head of Department of Business and Management
Tel: (090) 6463010 | **Email:** Alison.Sheridan@tus.ie

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 degrees will enable students to:

- Unlock their creative abilities to develop meaningful and impactful content for web, social media, email and so much more.
- Delve into the world of SEO to help businesses improve their online visibility, attract more traffic, and generate leads and sales.
- Plan and implement effective digital marketing strategies and campaigns using the most up-to-date digital tools that are tailored for the unique requirements of the business.
- Benefit from lecturers' wealth of industry experience and the faculty's extensive links.
- Experience an internationalised campus that brings a global focus to the learning experience.
- Have the option to undertake a semester or a year abroad at one of our many overseas partner universities or be a part of a Short-Advanced Programme (SAP) with any of our RUN-EU University partners across Europe.

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

Why take this course?

The digital marketing industry is constantly evolving across the globe, which makes it an exciting and innovative field to study and work in. Our bespoke, industry focussed 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 interested in this digital marketing programme get unique, hands-on practical experience from industry. The 4th year live digital project aims to help national and international businesses grow their digital footprint and increase their competitiveness by pairing students with brands across a variety of sectors, giving students a chance to put their knowledge into practice through the development of tailor-made digital marketing strategies.

What can I do after this course?

Students will develop the skills necessary to qualify them to work in a wide variety of marketing related roles. After the course you may work in a wide variety of marketing related roles across many industry sectors including sports, travel, entertainment, retail, health care, hospitality, and financial services. Typical roles include; digital marketing executive, marketing executive, content creator, social media manager, brand manager, digital analytics manager, digital marketing specialist, paid search account manager, communications & branding specialist, web designer.

Law

Bachelor of Laws (Honours)

Course Code: US850	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 328**
Athlone Campus	

Entry Requirements: Leaving Certificate: Grade H5 in two subjects, plus O6/ H7 in four other subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a language (English or Irish).

Modules at a glance: Legal Skills, The Irish Legal System, Tort Law, Legal Technology, 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.

Other Information: 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. This course has a mandatory work placement. Scan the QR code for a full listing of modules offered on this course.

Contact Details: **Dr Alison Sheridan,** Head of Department of Business and Management
Tel: (090) 6463010 | **Email:** Alison.Sheridan@tus.ie

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. The course crosses over with Business and Law in the first two years, in order to ensure students, gain the skills needed to run a business, whether this is a legal practice or an entrepreneurial start up. Students will develop research, reasoning and people skills to a high level, and gain a qualification that is future proofed for the modern world of work in a variety of settings and grounded in commercial reality. Work placement offers a chance to test these skills in the real world.

Why take 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, and allow 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, that will enable them 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. 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)

Course Code: US848	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 291**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Legal Skills, The Irish Legal System, Tort Law, Financial Accounting, Business Mathematics, Contract Law, Computer Applications, European Union Law, Criminal Law, and Equity Law.

Other Information: Optional Study Abroad | Scan the QR code for a full listing of modules offered on this course.

Contact Details: **Dr Alison Sheridan,** Head of Department of Business and Management
Tel: (090) 6463010 | **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.

Why take 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 programme may progress to postgraduate studies such as the Master of Business programme at the Athlone Campus or a range of other business/law programmes at other universities.

TUS Athlone Campus
CAO Open Days
October 20th and 21st 2023

International Business (with a mandatory language)

Bachelor of Business (Honours)

Course Code: US853	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 282**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Critical Skills for Learning, Financial Accounting, Introduction to Management, Microeconomic Principles, Entrepreneurial Skills, Fundamentals of Marketing, Computer Applications, Business Mathematics, Macroeconomic Principles.
Language Modules: A choice of either French or Spanish will normally be offered. Business English (for non-native speakers) may be provided subject to viable numbers.

Other Information: Work Placement | Optional Study Abroad | Scan the QR code for a full listing of modules offered on this course

Contact Details: **Dr Alison Sheridan,** Head of Department of Business and Management
Tel: (090) 6463010 | **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 take this course?
Stand out from the crowd with an honours degree in international business, with a language. 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?
As a graduate, you can expect to obtain employment at the appropriate level across a wide range of business areas, including management, administration, accounting, banking, retail management, finance, marketing, human resource management, insurance and computing/ information technology. Rapid career progression may be expected on the basis of expertise, commitment and attitude. Graduates of this programme may progress to postgraduate studies such as the Master of Business programme at the Athlone Campus or a range of other relevant programmes at other universities.

Accounting with Finance

Bachelor of Arts (Honours) in Accounting with Finance

Course Code: US846	**Course Level: 8**
Duration: 3 years	**2023 CAO Points: 336**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: 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

Other Information: QQI FET/FETAC Applicants | Optional Work Placement

Contact Details: **Mr Bernard Tao Cui,** Head of Department, Accounting and Business Computing
Tel: (090) 6471857 | **Email:** Tao.Cui@tus.ie

What is this course about?

This award-winning, fast-track honours degree in accounting will provide you with an in-depth knowledge of the fundamental theories, concepts, principles and practices essential for a rewarding career in professional accountancy. At a general level, the degree will give you the knowledge, skills, abilities and attitudes necessary for a successful career in today's challenging business environment. You will learn how commercial and industrial organisations function, the environmental factors that affect an organisation and the contribution of the accounting/ finance professional to an organisation's success.
The curriculum has been recently updated to reflect current trends in the accounting profession. New and contemporary modules have been introduced to keep graduates up to date with industry practices. Additionally, a professional skills theme has been incorporated into the programme to enhance students' soft skills and employability. This theme covers various aspects such as job search strategies, developing a professional portfolio, finding internships and placements, and establishing connections with industry professionals through guest lectures, industry events, and networking opportunities.

Why take this course?

Our technological university 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 esteemed lecturers also teach for the professional bodies, our students continually score amongst the highest marks in their exams in Ireland and, indeed, the world. 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?

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 programme 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 programmes 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

Course Code: US847	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 309**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: 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)

Other Information: Students have the option of transferring to the US 846 programme. Aside from the placement, all modules are identical to this programme.

Contact Details: **Mr Bernard Tao Cui,** Head of Department, Accounting and Business Computing
Tel: (090) 6471857 | **Email:** Tao.Cui@tus.ie

What is this course about?
This course is 4 year, level 8 honours degree programme with a placement year. This course offers a comprehensive education in accounting, professional skills, and digital skills to ensure students are well-prepared for the ever-changing business environment.
The curriculum has been recently updated to reflect current trends in the accounting profession. New and contemporary modules have been introduced to keep graduates up to date with industry practices. Additionally, a professional skills theme has been incorporated into the programme to enhance students' soft skills and employability. This theme covers various aspects such as job search strategies, developing a professional portfolio, finding internships and placements, and establishing connections with industry professionals through guest lectures, industry events, and networking opportunities. The course places a strong emphasis on developing digital skills. Students will gain proficiency in using office applications and may earn embedded certificates from companies like Sage, which add to their graduate employability. The programme also introduces the field of Data Analytics and Visualization, recognizing its growing importance in the accounting profession.

Why take this course?
By choosing this course, you can significantly enhance your employability upon graduation. This programme 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 programme 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. Graduates of this program receive exemptions from 9 papers out of the 14 required for qualification from ACCA. Furthermore, Chartered Accountants Ireland grants exemptions from CAP1 to students who successfully pass and achieve a minimum of 50% in year 2 and year 3 modules. In the case of CIMA, graduates of the BA (Honours) in Accounting are awarded exemptions from 8 out of the 14 examinations in their professional course. Lastly, CPA Ireland offers graduates exemptions from 10 out of the 15 examination papers through their FastTrack programme.

What can I do after this course?
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 od pursuing a number of Masters prorammes within TUS Athlone, including the MA in Accounting, the MSc in Data Analytics or the Masters in Business.

Business with Computing

Bachelor of Business (Honours)

Course Code: US856	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: New**
Athlone Campus	

Entry Requirements: A minimum of 2 H5 and 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: Management Principles, Introduction to Financial Accounting, Business Communication and Analysis, Introduction to Web Development, Introduction to Business Databases, Financial Accounting, Organisational Behaviour, Statistical Methods for Business, Business Database Development, Responsive Web Development, IT and Data Analysis Application.

Contact Details: Mr Bernard Tao Cui, Head of Department, Accounting and Business Computing
Tel: (090) 6471857 | **Email:** Tao.Cui@tus.ie

What is this course about?
Business with Computing is designed to offer students a blend of knowledge and abilities essential for successful business operations, while emphasising the optimal utilisation of business IT systems. The increasing significance and steady expansion of business analytics have generated a strong demand for proficient graduates in this field. By combining business and technology-related components, this course equips students with the necessary skills to fulfil the ever-evolving requirements of businesses in a technology-driven global landscape.
The Business with Computing courses encompass 7 core streams, these streams consist of 4 fundamental business areas, professional development, and 2 distinct technical domains. The aim is to equip students with the knowledge and proficiency to successfully integrate and oversee technology, thereby improving the operations of a business.

Why take this course?
Business with Computing is an ideal choice for individuals who aspire to pursue a career in business while gaining expertise in both essential business functional areas and the technologies and analytics that have become crucial for achieving success in the business world.
The programme's emphasis on active learning throughout each course, combined with a 6-month work placement during the third year, ensures that students develop a comprehensive understanding of business functions, challenges, and technologies. This practical experience positions them well to assume roles in general business or business computing upon completion of the programme.

What can I do after this course?
Graduates of Business with Computing will possess a well-rounded set of skills that encompasses comprehensive analytical capabilities and a deep understanding of various business aspects. This unique combination enables them to effectively address business challenges by employing suitable computer software solutions.
The programme caters to a diverse range of specialisations, including accounting, digital marketing, enterprise systems, business analysis, data analysis, database administration, and various other business roles.
This ensures that graduates have the opportunity to specialise in their preferred area while leveraging their strong foundation in both business and computing.

Business Administration

Bachelor of Business (Honours)

Course Code: US839	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: New**
Athlone Campus	

Entry Requirements: 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).

Contact Details: Mr Bernard Tao Cui, Head of Department, Accounting and Business Computing
Tel: (090) 6471857 | **Email:** Tao.Cui@tus.ie

What is this course about?
This course is predominantly applied in nature and has been carefully devised to offer a balance between the business knowledge required in industry and those skills considered most pertinent to the work of an office administrator/ manager. This skillset meets both the essential and desired job specification requirements and presents opportunities to work in a diverse range of industries. The skills and applications learned during this four-year degree programme are universal – meaning graduates will have the required competencies to work (office based and/or remotely) in Ireland and internationally.

The demand from industry is for well-presented, enthusiastic and most importantly, multi-skilled professionals to work in office and administration roles. Requirement for specific administrative skills is increasing – legal knowledge & skills and healthcare administration skills are highly sought after. Current shortages are reported in middle management for administrative assistants, customer care, languages, sales; and for finance administrators in credit control and payroll (National Skills Bulletin, 2022).

Why take this course?
You will have the opportunity to study key business-related subjects together with the essential office skills of keyboard techniques, touch typing, Dictaphone typing/ audio transcription, computerised accounts and payroll, effective business writing and research skills. You will further develop your IT skills through use of universal software - Microsoft Applications (Word, Excel, PowerPoint, Outlook) and SAP (Enterprise Resource Planning software).
In addition, you will benefit from industry placement which will provide you with the opportunity to acquire and develop knowledge, skills and professional values in a modern office environment. This placement will enable you to use both your soft skills and technical skills in the workplace, gain exposure in an employment setting and establish contacts in industry; all of which are important when building a career. Placement consolidates learning, builds on intelligence and conceptual thinking skills and prepares the student for entry into the professional world upon graduation.

What can I do after this course?
Successful graduates are job ready for opportunities in a wide range of industries; legal practice, healthcare, accounting, retail, banking, human resource management, insurance, NGOs; and you will also be eligible to apply for graduate entry positions in the public sector, civil service roles in government and graduate programmes.

Construction Management

Bachelor of Science (Honours)

Course Code: US884	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 300**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Domestic Construction Technology, Building Information Modelling, Mathematics, Construction Management, Communications for the Built Environment, Engineering Surveying, Measurement and Costing.

Other Information: QQI FET/FETAC Applicants | Accreditation | Work Placement

Contact Details: **Alan Duffy,** Head of Department of Civil Engineering and Trades
Tel: (090) 6442531 | **Email:** Alan.Duffy@tus.ie

TUS Athlone Campus
Open Evening
April 17th 2024

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 take 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)

Course Code: US887	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 476**
Athlone Campus	

Entry Requirements: Six subjects with at least two subjects at higher level grade H5 or better. Four subjects at ordinary level grade O6 or higher-level grade H7. Applicants will need to meet the following subject requirements: English or Irish O6/H7, Mathematics H4. 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.

Modules at a glance: Engineering Mathematics, Soil Mechanics and Technology, Surveying, Building Information Modelling, Structural Engineering, Mechanics, Engineering Mathematics, Soil Mechanics and Technology, Surveying, Structural Engineering, Building Information Modelling.

Bachelor of Engineering

Course Code: US761	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 228**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
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.

Entry Requirements: 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).

Other Information: QQI FET/FETAC Applicants | Accreditation | Work Placement

Contact Details: **Alan Duffy,** Head of Department of Civil Engineering and Trades
Tel: (090) 6442531 | **Email:** Alan.Duffy@tus.ie

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-word 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. Several have led to papers being published in journals and presented at international conferences.

Why take 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 here 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)

Course Code: US880	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 308**
Athlone Campus	

Entry Requirements: Leaving Certificate: Grade H5 in two subjects, plus O6/ H7 in four other subjects in the Leaving Certificate examination. Two of these subjects must be Mathematics and a language (English or Irish).

Modules at a glance: 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.

Other Information: QQI FET/FETAC Applicants | SCSI Accreditation | Work Placement

Contact Details: Alan Duffy, Head of Department of Civil Engineering and Trades
Tel: (090) 6442531 | **Email:** Alan.Duffy@tus.ie

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 take 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?
The graduate 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.

Engineering (Common Year)

Bachelor of Engineering

Course Code: US773	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 251**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Communications for Manufacturing, Mathematics, Engineering Science, Mechanics, Engineering Materials, Engineering Workshop and Graphics, Electronics Technology, Processing of Engineering Materials.

Other Information: QQI FET/FETAC Applicants

Contact Details: **Keith Vaugh,** Course Leader Polymer, Mechanical and Design
Tel: (090) 64 42539 | **Email:** Keith.Vaugh@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 with 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 three 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. Graduates of the BEng in Mechanical Engineering 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 possibility 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.

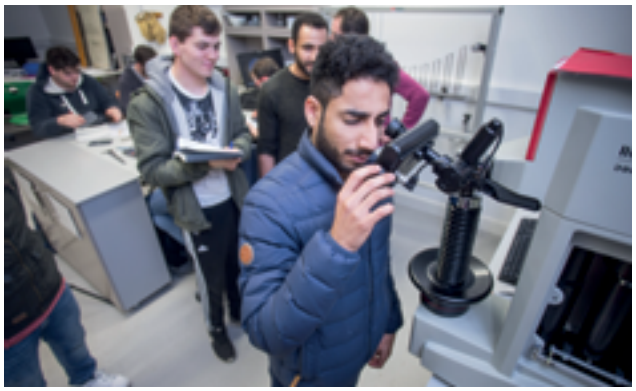
Why take this course?
This course provides a common entry year 1 to the following level 7 courses:

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

It has been developed to give students sufficient time and experience to come to an informed choice as to which specific mechanical engineering course they wish to follow. 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.

Mechanical Engineering



Bachelor of Engineering (Honours)

Course Code: US910	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 309**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Communications for Manufacturing, Mathematics, Engineering Science, Mechanics, Engineering Materials, Engineering Workshop and Graphics, Electronic Technology, Processing of Engineering Materials and Engineering Workshop and Graphics.

Bachelor of Engineering

Course Code: US770	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 227**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Bachelor of Engineering in Mechanical Engineering or a Level 7 qualification in a related engineering discipline.

Entry Requirements: 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).

Modules at a glance: Communications for Manufacturing, Mathematics, Engineering Science, Mechanics, Engineering Materials, Engineering Workshop and Graphics, Electronic Technology, Processing of Engineering Materials and Engineering Workshop and Graphics.

Other Information: QQI FET/FETAC Applicants | Work Placement

Contact Details: **Keith Vaugh,** Course Leader, Polymer, Mechanical and Design
Tel: (090) 64 2539 | **Email:** Keith.Vaugh@tus.ie

What is this course about?
Mechanical Engineering is available as a Level 8 Bachelor of Engineering (Honours) degree over 4 years, a Level 7 Bachelor of Engineering (Ordinary) degree over 3 years and a 1-year add-on Level 8 Bachelor of Engineering (Honours) degree for Level 7 graduates. Our Mechanical Engineering courses provide students with the theoretical and practical principles of mechanical engineering. Students develop their engineering skills and knowledge working alongside experienced lecturers. The programmes of study utilise our strong industrial linkages, whereby our students get to experience the industry that they will be working in through industrial visits and teaching and learning grounded in contemporary industrial best practices. Engineering education at our Technological University is very practical. Almost 50 % of our student's 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 take this course?
Our programmes result from comprehensive industry engagement defining future needs regionally and nationally. The modern mechanical engineer is responsible for the design, manufacture and operation of the mechanical systems and processes that are all around us. From airplane landing gear to robotic assistants for invasive surgery and from electric vehicles to drones, mechanical systems surround us every day. Mechanical Engineering is also evolving with the advances in artificial Intelligence (AI) and includes the design and development of smart and connected systems that can communicate, analyse data and make decisions in real-time. Our programmes equip students with the theoretical knowledge and hands-on practical expertise of the latest technological advances demanded by leading global employers to work in this constantly evolving field. Students pursuing the Level 7 Bachelor of Engineering complete a 24-week work placement from January to June in the third year of the course. The placement carries 25 credits and must fulfil prescribed criteria to which the employer will agree in advance. 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?
Discussions with leading voices in manufacturing companies such as Boston Scientific, Athlone Extrusions and Mergon have expressed their need for mechanical engineers with practical skills. In designing our courses, the TU have engaged with manufacturing and supply chain companies in the greater midland's region, who endorsed the need for this course. Additionally, research-active companies, have all identified the skills in this course as necessary for a future workforce.

Mechanical Engineering with Energy

Bachelor of Engineering (Honours)

Course Code: US912	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 327**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Communications for Manufacturing, Mathematics, Engineering Science, Mechanics, Engineering Materials, Engineering Workshop and Graphics, Electronic Technology, Processing of Engineering Materials.

Bachelor of Engineering

Course Code: US772	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 318**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Bachelor of Engineering in Mechanical Engineering with Energy or a Level 7 qualification in a related engineering discipline.

Entry Requirements: 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).

Modules at a glance: Communications for Manufacturing, Mathematics, Engineering Science, Mechanics, Engineering Materials, Engineering Workshop and Graphics, Electronics Technology, Engineering Workshop and Graphics, Processing of Engineering Materials.

Other Information: QQI FET/FETAC Applicants | Work Placement

Contact Details: **Dr. Niall Burke,** Course Leader Polymer, Mechanical and Design
Tel: (090) 64 68169 | **Email:** niall.burke@tus.ie

What is this course about?

- 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.
- 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 skills.
- You will develop your ability to effectively communicate within the engineering community and society at large.
- You will develop an awareness with regard to the engineering profession and environment.
- You will learn about the environment loading of a given process/plant and be committed to its reduction, either in terms of the product, the materials or the process.
- Upon completion of the course you will have developed the ability to critically appraise mechanical & energy systems and operation, to identify area of potential improvement, to bring about corrective action and where applicable, to suggest and implement an alternative solution.
- Gain valuable work experience by completing an industry-based project.
- The student is required to complete a 24 week work placement from January to June in the third year of the course. The placement carries 25 credits and must fulfil prescribed criteria to which the employer will agree in advance. Placements may be done in Ireland or abroad.

Why take this course?

This Mechanical Engineering with Energy course is designed to blend the core theoretical and practical skills of Mechanical Engineering along with the knowledge and expertise in sustainable energy engineering. Energy engineering plays a vital role in the generation, distribution and storage of energy that underpins society's primary business, commercial, recreational and domestic functions. The challenge of ever advancing technological change in areas such as electric vehicles and data centres, coupled with diminishing fossil fuel resources, and a need to transition to renewable energy, continues to drive strong industry demand for skilled graduates in this area. The course combines a fundamental mechanical engineering platform with expertise in energy use and storage, infrastructure development, sustainability, performance and modelling to prepare graduates to enable society and industry to power the future. A work placement is embedded in the course in year 3.

What can I do after this course?

Security of energy supply has become a major concern for the world, and in particular modern technologically advanced regions, and thus the need for mechanical engineers with an acute understanding of energy is in major demand across a multitude of industries. Graduates will find employment regionally, nationally or internationally in mechanical, manufacturing and energy roles. Careers include energy management, utilities engineering/ management, renewable energy engineer, production technologist, plant maintenance, quality assurance and production planning, or as a CAD designer.

Polymer and Mechanical Engineering

Bachelor of Engineering (Honours)

Course Code: US913	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 329**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Engineering Science, Mechanics, Materials and Processing, Engineering Workshop, Drawing and CAD, Communications and Computer Applications, Mathematics.

Bachelor of Engineering

Course Code: US777	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 233**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Bachelor of Engineering in Polymer and Mechanical Engineering or a Level 7 qualification in a related engineering discipline.

Entry Requirements: 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).

Modules at a glance: Engineering Science, Mechanics, Materials and Processing, Engineering Workshop, Drawing and CAD, Communications and Computer Applications, Mathematics.

Other Information: QQI FET/FETAC Applicants | Work Placement | JL Goor Scholarship

Contact Details: **Colette Breheny,** Course Leader Polymer, Mechanical and Design
Tel: (090) 64 68286 | **Email:** Colette.Breheny@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. Students develop their skills and knowledge working alongside experienced lecturers. Our strong industrial ties 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.

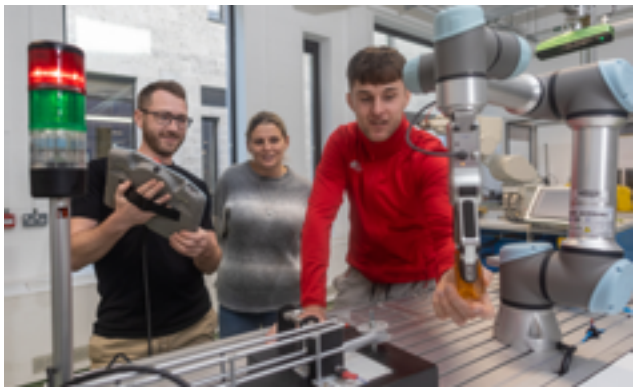
Why take this course?

The programmes are offered in response to the demand for highly skilled graduates with training in mechanical engineering fundamentals, with an emphasis on 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. The polymer/medical devices sector in Ireland is thriving and is recognised as one of the fastest developing in the world. In excess of 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.

What can I do after this course?

The polymer/medical technologies sector will become increasingly reliant over the next decade on the availability of specially trained and skilled personnel who understand the synthesis, properties and processing of polymer materials. Career opportunities for graduates in the sector's 250 companies are exceptionally strong, given that 18 of the world's top 25 medical device companies are located in Ireland, alongside a thriving indigenous base. Graduates can expect to find employment as mechanical engineers, project development engineers, manufacturing/process engineers, senior development technologists and quality assurance managers.

Automation and Robotics



Bachelor of Engineering (Honours)

Course Code: US916	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 341**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Electrical Power Systems and Machines, Robotic Vision and Interaction, Enterprise Networks 4, Industrial Control 4, Manufacturing Automation, Connected Devices, Robotic Programming, Motion and Tooling.

Bachelor of Engineering

Course Code: US776	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 227**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Bachelor of Engineering in Automation and Robotics or Bachelor of Engineering in Mechatronics or a Level 7 qualification in a related discipline.

Entry Requirements: 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).

Modules at a glance: Mechanics, Electronics Technology, Introduction to Robotics, Automation Practice, Robotics Programming & Vision, Mechatronic Systems, Computer Networks, Statistics & Lean Six Sigma.

Other Information: QQI FET/FETAC Applicants | Work Placement

Contact Details: **Cian Bregazzi-Nevin,** Course Leader
Polymer, Mechanical and Design
Tel: (090) 64 41890 | **Email:** Cian.BregazziNevin@tus.ie

What is this course about?
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 take this course?
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. 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 its €38 million engineering building TUS is ideally placed to take you to the next level.

What can I do after this course?
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, fault finding, robotic cell development and programming and process design. Working in multi-disciplinary team in a modern manufacturing environment awaits you.

Design Engineering

Bachelor of Technology (Honours)

Course Code: US812	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: New**
Athlone Campus	

Entry Requirements: A minimum of six Leaving Certificate subjects at Grade 06/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 04 or H7 in Mathematics.

Modules at a glance: Design processes and practices, Engineering principles, Advanced manufacturing, emerging technologies.

Other Information: QQI FET/FETAC Applicants

Contact Details: **Deaglán Campbell**
Email: Deaglan.Campbell@tus.ie

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 learners 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 take 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 programme 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 programme 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.

Culinary Entrepreneurship

Bachelor of Arts (Honours)

Course Code: US930	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 263**
Athlone Campus	

Entry Requirements: Leaving Certificate Grade H5 in two subjects, plus four subjects at Grade O6/H7. Subjects to include English.

Modules at a glance: Food Marketing, Global Cuisine, Fundamentals of Artisan Patisserie and Bakery, Enterprise Development, Product Innovation and Applied Microbiology, Modern Gastronomy, Food Safety and Environmental Management, Advanced Culinary Techniques in Fermentation and Preservation, Applied Culinary Nutrition, Advanced Pastry Innovation and Commercialisation and Contemporary Restaurant and A la Carte Cooking.

Other Information: QQI FET/FETAC Applicants | Work Placement

Contact Details: **Dr Emma Reardon,** Head of Department of Hospitality, Tourism and Leisure
Tel: (090) 6471871 | **Email:** Emma.Reardon@tus.ie

What is this course about?
Over the duration of this 4-year degree, you will acquire the critical thinking and applied skills necessary to succeed in food innovation and new product development, food processing and production. You will develop advanced culinary techniques, both contemporary and traditional, and advance your skills in pastry, baking and desserts. You will study food safety and gain new scientific knowledge to produce innovative food products. Environmental Health Association of Ireland (EHAI) Food Safety Level 2 and Level 3 Certifications, a 200-hour Culinary Internship in a food processing facility, a European field trip to explore best practices in international food marketing and a new product innovation showcase are integral parts of this programme.

Why take this course?
This course develops honours degree students in the field of culinary entrepreneurship. The course is available full-time and leads to many exciting opportunities in food entrepreneurship, food production management, quality assurance, research and development. The diverse array of subjects that comprise this exciting 4-year degree provides students with an industry focussed and transferable skillset in the areas of culinary arts, food science and business management.

What can I do after this course?
A wide variety of roles in the national and international food industry are available to students upon completion of this programme, i.e. new food product development and research, food quality and safety, food marketing and retail and various chef roles from commis to executive head chef. Past graduates of this course have also been successful in setting up their own culinary businesses. An honours degree (level 8) is also an effective basis for postgraduate training and research leading to a master's and PhD (level 9/10) qualifications. Taught postgraduate opportunities for the graduates of this course include masters programmes in food science, gastronomy and food studies, business management, entrepreneurship and innovation.

TUS Athlone Campus
CAO Open Days
October 20th and 21st 2023

Hospitality Management (with International Placement)

Bachelor of Arts (Honours)

Course Code: US932	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 251**
Athlone Campus	

Entry Requirements: 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 English.

Modules at a glance: Learning and Development for Higher Education, Culinary and Restaurant Operations, Beverage Studies, Food Safety and Environmental Management, Wellness and Wellbeing in Hospitality, Hospitality Event Management, Talent Acquisition and Development, Leisure Lifestyles in Hospitality, Marketing, and Revenue Management.

Other Information: QQI FET/FETAC Applicants | Work Placement

Contact Details: Dr Emma Reardon, Head of Department of Hospitality, Tourism and Leisure
Tel: (090) 6471871 | **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 programme with an overseas work placement that takes place in Year 3. This placement opportunity and internationally recognised degree will open a variety of exciting career opportunities for you, both in Ireland and abroad.

This programme aims to provide learners with the knowledge, practical skills, and competencies necessary for a successful career in hospitality management. Students will experience industry-specific field trips and guest speakers, and international travel experiences to destinations such as Dubai, Shanghai, and Beijing.

Why take 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
- Two vertical aeroponic tower gardens
- The Garden of Curiosity project, including a bokashi waste management system and a wormery

What can I do after this course?
Your specialist knowledge will lead to a career in the thriving hospitality, tourism, and leisure industries. Some routes our graduates have pursued upon completion of this programme include food and beverage management, guest services, conference and banqueting, hotel management, revenue, finance, human resources, sales, and marketing.

Business Studies with Event Management

Bachelor of Business (Honours)

Course Code: US942	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: New**
Athlone Campus	

Entry Requirements: A minimum of 2 H5 and 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.

Modules at a glance: Event Planning, Social & Leisure Events, Principles of Management & Marketing, Business Technology & Interactive Applications, Introduction to Food & Beverage Operations, Web Design & Implementation.

Bachelor of Business

Course Code: US793	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: New**
Athlone Campus	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Minimum Entry Requirements A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics.

Modules at a glance: Principles of Financial Accounting, Event Operations, Delegate Management, Event Production, Entrepreneurship and Business Planning.

Other Information: Work Placement/Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature Applicants

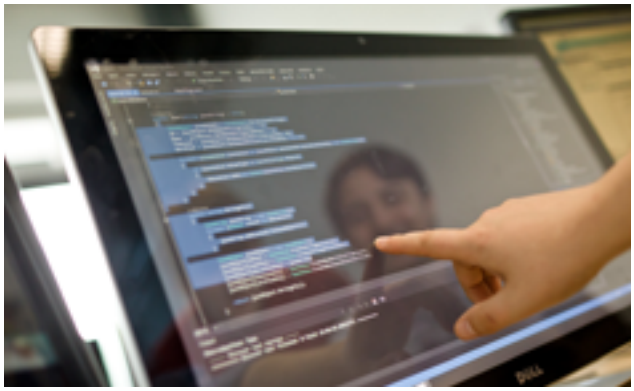
Contact Details: **Dr Emma Reardon,** Head of Department of Hospitality, Tourism and Leisure
Tel: (090) 6471871 | **Email:** Emma.Reardon@tus.ie

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 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. Business Studies with Event Management 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.

Why take 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. 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.

What can I do after this course?
Whether you dream of managing major sports events and music festivals or working in party planning and corporate launches, the events sector offers many exciting job and career development opportunities. You may pursue a career in areas such as event planning, management, marketing and communication, often working for large event organisers, travel companies, hospitality businesses or tourism organisations in the public, corporate and not-for-profit sectors in Ireland and abroad. You may also pursue post-graduate studies at TUS or elsewhere.

Software Design with Virtual Reality and Gaming



Bachelor of Science (Honours)

Course Code: US821	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 290**
Athlone Campus	

Entry Requirements: Grade H5 at higher level in two subjects, plus Grade 06 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be mathematics and a language (English or Irish).

Modules at a glance: Digital Media, Mathematics for Software Design, Software Development, Web Development, Game and Virtual Reality, Agile Methodologies, Mobile Apps and Connected Devices, Communications, Computer Applications.

Bachelor of Science

Course Code: US713	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 233**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Applicants should hold a BSc in Software Design with Virtual Reality and Gaming or an equivalent Level 7 qualification.

Entry Requirements: Grade H5 at higher level in two subjects, plus Grade 06 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a language (English or Irish).

Modules at a glance: Mathematics for Software Design, Software Development, Agile Methodologies, Software Development for Gaming, Databases, Game Development, Networks, Game AI and Physics, Group Project.

Other Information: QQI FET/FETAC Applicants | Work Placement

Contact Details: **Dr Enda Fallon,** Head of Department, Computer and Software Engineering
Tel: (090) 6471877 | **Email:** Enda.Fallon@tus.ie

Why take this course?
Virtual and augmented reality are two technologies that offer users immersive experiences that go beyond traditional 2D screens. Virtual reality (VR) is a computer-generated simulation of a three-dimensional environment that users can interact with using a headset and handheld controllers This technology can provide realistic simulations of real world scenarios, making it useful for training in fields such as aviation, military, and medicine. Augmented reality (AR is an overlay of digital content onto the physical world, often viewed through a smartphone or tablet. AR can enhance real-world experiences by providing additional information, such as product details or directions, in a way that is interactive and engaging. This programme provide a multidisciplinary undergraduate education by developing specific expertise and comprehensive training in the keys areas relevant to the emerging Digital Reality and established gaming markets; software development/engineering, VR AR/MR application development and game development The goal is to produce qualified and well-rounded graduates capable of working in a range of IT positions such as game developers, VR/AR/MR app developers (on various platforms), programmers, system integrators and system validators.

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 coursers and administrators, and technical salespersons. Employers include Ericsson, Valeo, Cisco, Avaya (Nortel), SAP, HewlettPackard, Google, Microsoft, IBM, Riverdeep, as well as financial institutions and SMEs.

Software Design with Digitalisation

Bachelor of Science (Honours)

Course Code: US823	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 272**
Athlone Campus	

Entry Requirements: Grade H5 at higher level in two subjects, plus Grade 06 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be mathematics and a language (English or Irish).

Modules at a glance: Mathematics for Software Design, Communications, Web Development, Software Development, Computer Applications, Digital Media, Mobile Apps and Connected Devices, Agile Methodologies.

Bachelor of Science

Course Code: US715	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 236**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Applicants should hold a BSc in Software Design with Digitalisation or an equivalent level 7 qualification.

Entry Requirements: Grade H5 at higher level in two subjects, plus Grade 06 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a language (English or Irish).

Modules at a glance: Mathematics for Software Design, Connected Devices, Software Development for Connected Devices, Agile Methodologies, Databases, Software Development, Networks, Mobile Application Development.

Other Information: QQI FET/FETAC Applicants | Work Placement

Contact Details: **Dr Enda Fallon,** Head of Department, Computer and Software Engineering
Tel: (090) 6471877 | **Email:** Enda.Fallon@tus.ie

What is this course about?
Driven by the increasing availability and affordability of digital technologies, digitalisation refers to the process of using digital technology to transform traditional business process. 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. Additionally, digitalisation has enabled companies to streamline their processes, reducing costs and increasing productivity. Digitalisation also provides greater flexibility and accessibility, allowing individuals to access information from anywhere and at any time, as long as they have an Internet connection. This programme will enable the students to operate in innovative market sectors in order to develop, implement and evaluate digital strategies using the enhanced capability of Internet of Things based connected devices.

Why take 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.

Software Design with Artificial Intelligence for Cloud Computing

Bachelor of Science (Honours)

Course Code: US822	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 328**
Athlone Campus	

Entry Requirements: Grade H5 at higher level in two subjects, plus Grade 06 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be mathematics and a language (English or Irish).

Modules at a glance: Mathematics for Software Design, Communications, Web Development, Software Development, Computer Applications, Digital Media, Agile Methodologies, Mobile Apps and Connected Devices (Elective), Game and Virtual Reality (Elective).

Bachelor of Science

Course Code: US712	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 250**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Applicants should hold a BSc in Software Design with Artificial Intelligence with Cloud Computing or an equivalent level 7 qualification.

Entry Requirements: Grade H5 at higher level in two subjects, plus Grade 06 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a language (English or Irish)

Modules at a glance: Mathematics for Software Design, Web Development, Software Development for Cloud, Agile Methodologies, Databases, Software Development, Networks, Mobile Application Development.

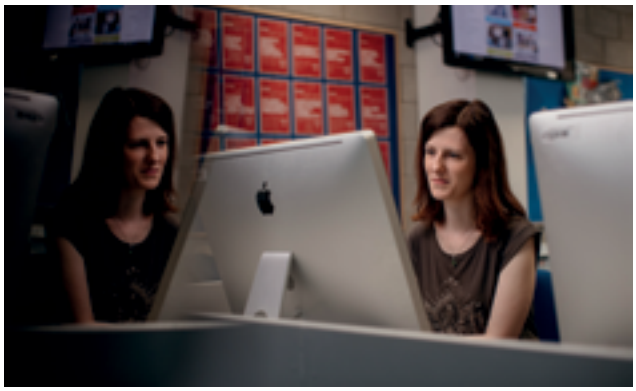
Other Information: QQI FET/FETAC Applicants | Work Placement

Contact Details: **Dr Enda Fallon,** Head of Department, Computer and Software Engineering
Tel: (090) 6471877 | **Email:** Enda.Fallon@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, while AI enables cloud computing to become more intelligent, efficient and secure. Cloud computing provides AI developers with access to vast amounts of computing power, data storage, and other resources necessary for training and deploying AI models. AI, on the other hand, is used in cloud computing to automate tasks, optimize resource allocation, and enhance security. Together, AI and cloud computing are driving the development of new, innovative applications and services that are transforming industries and improving people's lives. The overall aim of the programme is to develop a high level of intellectual awareness and professional competence in the area of software development. The programme offers an integrated approach to delivering end to end software development skills, focusing on practical problem-solving skills required by software developers. Programme participants will also gain an integrated and critical knowledge of the skills and particular technologies widely used in the industry today.

Why take 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 sectors wide ranging activities include software development, R&D, business services and EMEA/International headquarters. According to the Forfás Vacancy Overview Report, the most difficult to fill vacancies were for the ICT sector, primarily for professional roles in software development including software developers: cloud computing, Web development database (with Oracle/SQL), Java, JavaScript, C#, and .Net the most frequently mentioned. Based on significant industrial collaboration of the Department of Computer and Software Engineering graduate of the Artificial Intelligence for Cloud Computing stream are well placed to work in these roles.

Computer Engineering



Bachelor of Engineering (Honours)

Course Code: US917	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: New**
Athlone Campus	

Entry Requirements: Grade H5 at higher level in two subjects, plus Grade 06 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a language (English or Irish).

Modules at a glance: Computer Systems, Interface Electronics, Network Infrastructure, Software Development, Mathematics, Electronics Workshop, Communications, Computer Applications, Telecommunications.

Bachelor of Engineering

Course Code: US714	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 215**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Applicants should hold a BSc in Computer Engineering or an equivalent level 7 qualification.

Entry Requirements: Grade H5 at higher level in two subjects, plus Grade 06 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a language (English or Irish).

Modules at a glance: Computer Systems, Interface Electronics, Network Infrastructure, Software Development, Mathematics, Electronics Workshop, Communications, Computer Applications, Telecommunications.

Other Information: QQI FET/FETAC Applicants

Contact Details: **Dr Enda Fallon,** Head of Department, Computer and Software Engineering
Tel: (090) 6471877 | **Email:** Enda.Fallon@tus.ie

What is this course about?
Students will build and testing 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.

Why take this course?
Computer engineers play a vital role in the research, design, development and installation of the hardware and software. Among the areas where computer engineers are employed are voice and data transmission, gaming, medical devices, cloud technology, smart transport general technology support services, and energy management. Courses in the Computer Engineering Stream 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 Athlone Campus
Open Evening
April 17th 2024

Computer Engineering with Network Infrastructure

Bachelor of Science (Honours)

Course Code: US824	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 300**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Computer Systems Administration, Mathematics, Wireless LANs, Engineering Economics, Networks and IT Infrastructure, Computer Systems Administration, Enterprise WLANs, Network Operating Systems, Connected Devices, Project.

Bachelor of Science

Course Code: US711	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 214**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Applicants should hold a BEng in Computer Engineering, BSc in Computer Engineering with Network Infrastructure or an equivalent level 7 qualification.

Entry Requirements: Grade H5 at higher level in two subjects, plus Grade 06 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a language (English or Irish).

Modules at a glance: Computer Systems, Interface Electronics, Networks, Software Development, Mathematics, Electronics Workshop Communications, Computer Applications.

Other Information: QQI FET/FETAC Applicants | Accreditation

Contact Details: **Dr Enda Fallon,** Head of Department, Computer and Software Engineering
Tel: (090) 6471877 | **Email:** Enda.Fallon@tus.ie

What is this course about?

A comprehensive understanding of the deployment and management of network and cloud infrastructure is a key requirement for many organisations. There is significant growth in demand for graduates with the appropriate skills in these areas with recent reports referring to the shift to Cloud as "Climate Change" for IT. In addition, various industry reports identify a shortage of network professionals with relevant Network, Cloud and Software skills. Both degrees include modules which will assist students in taking additional assessments to gain VMware vSphere qualifications.
This programme will provide the student with skills in the design and test of medium-sized scripting applications. The programme will also cover data modelling and database design; students will also assess data storage and retrieval for large data sets required for Big Data. The student will also cover network management and enhanced network topics such as SDN. Augmented User Interaction, or AR, looks at the emergence of interaction networks across a number of domains through completing a project. Students will also research, implement, document and present a final year project in a related area.

Why take this course?

You will acquire skills in the configuration and fault finding of network devices, including PCs, servers, switches, routers and access points. You will understand the nature of network security threats and appropriate protection systems. You will also be introduced to the legal issues associated with data integrity on computer systems and the design and testing of engineering support systems. Project skills will be developed through group projects undertaken.

What can I do after this course?

As a graduate, 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. "The year 2020 will be a keystone in the evolution toward the networks of the future, with the first commercial deployments of large-scale 5G infrastructures, the increasing interest in network intelligence and machine learning techniques applied to network management and orchestration".

Computer Engineering for Robotics

Bachelor of Engineering (Honours)

Course Code: US829	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 308**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: 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.

Bachelor of Engineering

Course Code: US716	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 199**
Athlone Campus	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Grade H5 at higher level in two subjects, plus Grade 06 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a language (English or Irish).

Modules at a glance: Communication for the Academic Environment, Mathematics, Software Development, Network Infrastructure, Interface Electronics, Telecommunications, Communication for Engineering.

Other Information: QQI FET/FETAC Applicants | Work Placement

Contact Details: **Dr Enda Fallon,** Head of Department, Computer and Software Engineering
Tel: (090) 6471877 | **Email:** Enda.Fallon@tus.ie

What is this course about?
Computer engineers play a vital role in the research, design, development and installation of the hardware and software. Amongst the areas where computer engineers are employed are the mobile phone industry, gaming, medical devices, cloud technology, smart transport general technology support services, and energy management. This degree will provide you with the education and training 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. Lecturers have extensive industry experience which enriches their teaching skills and competencies.

Why take this course?
The overall aim of the programme is to develop a high level of intellectual awareness and professional competence in the areas of Embedded System Systems Integration, Robotic Control, Networking and Software Development. The massive connectivity achieved by the adaption of connected device technology has created significant technological opportunity. This programme will develop learner skills to enable the evaluation, development and integration of industry relevant solutions in such an environment.

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: Ericsson, HP (Hewlett-Packard), Avaya, Eircom, Asidua and OpenNet among more.

International Software Design (with International Placement)

Bachelor of Science (Honours)

Course Code: US918	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: New**
Athlone Campus	

Entry Requirements: Grade H5 at higher level in two subjects, plus Grade 06 at ordinary level in four other subjects in the Leaving Certificate. Two of these subjects must be Mathematics and a language (English or Irish)

Modules at a glance: Software Development, Mathematics for Software Design, Digitalisation for Connected Devices, Web App Development with AI, French, German, Communication for University

Other Information: QQI FET/FETAC Applicants

Contact Details: **Dr Enda Fallon,** Head of Department, Computer and Software Engineering
Tel: (090) 6471877 | **Email:** Enda.Fallon@tus.ie

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

What can I do after this course?
There are significant employment and postgraduate progression opportunities for graduates of this programme. 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 programme 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.

Portfolio Assessment

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 sketchbook itself. Storyboards, comic book pages 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, concept doodles 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.

2: 8-10 PIECES OF COMPLETED ARTWORK
Include 8-10 pieces of completed work. Longer studies of humans, animals, objects or landscapes should be further developed with colour, tone and texture. These studies are usually part of your main portfolio of completed work outside of your sketchbook work. 8-10 of these artworks is sufficient.

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 a number of weeks before the assessments. Digital portfolios can also be submitted. However, we advise that you present your portfolio in person, if you can, so we can see your work in its best format. For further information on portfolio requirements please see the FAQ document or contact the Programme Leader, Dr Yvonne Hennessy, at email: yvonne.hennessy@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, typography, photography and/or research. When you have selected your three pieces mount them on A3 or A2 sheets of paper. You can present your 3 pieces in person on your assessment date or applicants can submit their 3 pieces digitally. If submitting digitally, photograph your work and save it as a pdf. Preferably, combine the three pdfs into one pdf file for submission.

Or alternatively:

2. Applicants may choose to participate in an applied project, this will be carried out remotely/ electronically. Applicants who choose the applied project option will be issued with the project brief, staff will guide you 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

Course Code: US700	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 733*** *Points are a combination of Leaving Certificate results and Assessment
Athlone Campus	

Progression to Level 8: Yes
Graphic and Digital Design (Add-on)
Bachelor of Arts in Graphic Design (level 7) or equivalent qualification in design will be required for entry to this course.

Entry Requirements: Grade O6 in five subjects. Two of these subjects must be mathematics and a language (English or Irish). Note: An F2 in foundation level mathematics will be accepted as meeting the minimum mathematics requirement. *For all applicants, an assessment is required. For more information see p.65

Modules at a glance: The programme comprises of a series of core pillars: design, image, studio practice and visual culture that advance over the 3 years.

Other Information: QQI FET/FETAC Applicants | Work placement | Mature Applicants

Contact Details: Tara Cullen, Course Leader
Tel: (090) 6468298 | **Email:** Tara.Cullen@tus.ie

–
TUS Athlone Campus
CAO Open Days
October 20th and 21st 2023

What is this course about?
Design is everywhere, it informs us, helps us to communicate and navigate the modern world. This course provides you with the knowledge, skills and experience necessary to evolve as a multifaceted, innovative designer, a place where you will learn to combine your artistic ability with digital & analogue technologies.
Our innovative approach is about learning through doing, allowing the student to engage in design activities through experimental play. Through this process the student develops the ability to solve problems in a variety of different ways: from screen to print, experience design, branding, photography, illustration, book design, video and motion graphics.

Why take 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. Within each design studio you will have your own designated workspace where you will receive one-to-one tuition from staff who want your experience to be the very 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 very 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 learner/lecturer interactivity in a purpose-built environment with excellent personal studio space and 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 programme, subject to end of year results at TUS or related NFQ Level 8 programmes at TUS or other third-level institutions.

Graphic and Digital Design

Bachelor of Arts (Honours)

Course Code: US803	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 807*** *Points are a combination of Leaving Certificate results and Assessment
Athlone Campus	

Entry Requirements: Grade H5 in two subjects, plus Grade O6/H7 in four other subjects in the Leaving Certificate examination. Two of these subjects must be mathematics and a language (English or Irish) Or QQI Level 5 award including a distinction grade in at least three modules. *For all applicants, an assessment is required. For more information see p.65

Modules at a glance: The programme comprises of a series of core pillars: design, image, studio practice and visual culture that advance over the four years.

Other Information: QQI FET/FETAC Applicants | Work placement | Mature applicants

Contact Details: **Tara Cullen,** Course Leader
Tel: (090) 6468298 | **Email:** Tara.Cullen@tus.ie

What is this course about?
Design is everywhere, it informs us, helps us to communicate and navigate the modern world. This course provides you with the knowledge, skills and experience necessary to evolve as a multifaceted innovative designer, a place where you will learn to combine your artistic ability with digital & analogue technologies.
Our innovative approach is about learning through doing, allowing the student to engage in design activities through experimental play. Through this process the student develops the ability to solve problems in a variety of different ways; from screen to print, experience design, branding, photography, illustration, book design, video and motion graphics.

Why take 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. Within each design studio you will have your own designated work space where you will receive one-to-one tuition from staff who want your experience to be the very 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 very 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 learner/lecturer interactivity in a purpose-built environment with excellent personal studio space and 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.

Animation and Illustration

Bachelor of Arts (Honours)

Course Code: US802	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 937***
Athlone Campus	

Entry Requirements: Grade O6 in five subjects. Two of these subjects must be Mathematics and a language (English or Irish) Note: An F2 in Foundation Level Mathematics will be accepted as meeting the minimum Mathematics requirement. *For all applicants, portfolio presentation is required.

Modules at a glance: Explorative Illustration 1, Explorative Animation 1, Explorative Drawing 1, Explorative Practice - Ideation, Creativity in Context 1, Explorative Illustration 2, Creativity in Context 2, Explorative Drawing 2, Explorative Animation 2

Bachelor of Arts

Course Code: US778	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: New**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Students applying for this Level 8 programme are required to have a BA in Animation and Illustration, Level 7 or equivalent qualification. *For all applicants, portfolio presentation is required.

Entry Requirements: Grade O6 in five subjects. Two of these subjects must be Mathematics and a language (English or Irish) Note: An F2 in Foundation Level Mathematics will be accepted as meeting the minimum Mathematics requirement. *For all applicants, portfolio presentation is required.

Modules at a glance: Life Drawing, Animation, Illustration, Environment Design, Critical and Contextual Studies.

Other Information: QQI FET/FETAC Applicants | Work placement | Mature applicants

Contact Details: **Yvonne Hennessy,** Course Leader
Tel: (090) 6471872 | **Email:** Yvonne.Hennessy@tus.ie

What is this course about?

Our graduates apply their knowledge and understanding of illustration and animation to a broad range of areas within creative sectors 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. They are given the freedom to give full vent to their creativity and explore a variety of areas where illustration and animation skills could be used.

Why take this course?

There has been significant growth in the animation and illustration industries globally. The sectors have become a central component of Ireland's digital and creative economy with increasing career opportunities every year. With a host of successful home-grown studios the opportunities within animated series, feature films and co-productions has risen steadily over the past number of years. Ireland has talented and technically sophisticated studios creating and producing content for print, television, cinema, video games, mobile platforms, immersive exhibitions and virtual and augmented reality.

What can I do after this course?

We have had graduates that have gone on to work with internationally acclaimed and Oscar nominated animation studios and well as producing print and digital illustration for the global market. 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 programme will particularly suit applicants who wish to work in creative industries that value artistic talent, visual awareness and organisational skills. There is also the opportunity to go on to further studies at Level 9 and Level 10 after graduating from the our 4-Year Level 8 programme. We have students that have went on to post-graduate Level 9 programmes such as Professional Masters of Education (PME) and post-graduate studies with the fields of animation or illustration practice.

Music and Sound Engineering

Bachelor of Science (Honours)

Course Code: US809	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 307**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Sound Engineering, Instrument Technology, Music and Instrument Appreciation, Music and Production, Music Marketing, Video and Animation Creation, Communications, 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, Capstone Project, Audio Visual Composition, Working in the Creative Industry.

Bachelor of Science

Course Code: US704	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 260**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Applicants should hold a Bachelor Science in Music and Sound Engineering at Level 7, or an equivalent qualification.

Entry Requirements: 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).

Modules at a glance: 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.

Other Information: QQI FET/FETAC Applicants | Work Placement | Capstone Project

Contact Details: **Michael O'Dowd,** Course Leader
Email: Michael.ODowd@tus.ie

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 take 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?
Working in the professional Creative Industry requires graduates to have a very driven attitude and to have a 'blended income portfolio' i.e., having different revenue streams from different work within the Creative Industry. It is usually not an industry that seeks out individuals, rather it is the individual that must seek the opportunity out. It is the drive and determination to identify and take these opportunities that Music and Sound Engineering strives to instil in all graduates. Graduates will be qualified to assume technical positions in the following areas of the professional Creative Industry: Live & Studio Sound Engineer, Broadcast Engineer for Radio & TV, Foley Artist, Audio Visual Technician, Video Game Audio Technician, Sound Designer, Instrument Building & Maintenance Technician, Business Entrepreneur, Music Producer, Acoustician, Audio Coding Developer, Audio Visual Artist. This is not an exhaustive list and graduates can find many work opportunities within the professional Creative Industry.

Music and Instrument Technology

Higher Certificate in Engineering

Course Code: US600	**Course Level: 6**
Duration: 2 years	**2023 CAO Points: 297**
Athlone Campus	

Progression to Level 7: Yes
Music and Sound Engineering (Add-on)
Applicants should hold a H.C in Engineering with Music & Instrument Technology at Level 6, or an equivalent qualification.

Entry Requirements: 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).

Modules at a glance: Sound Engineering, Instrument Technology, Music Appreciation, Music and Production, Digital Audio, Music Marketing, Video and Animation Development, Acoustics and Sound Perception, Communications.

Other Information: QQI FET/FETAC Applicants | Work placement

Contact Details: **Michael O'Dowd,** Course Leader
Email: Michael.ODowd@tus.ie

–
TUS Athlone Campus
Open Evening
April 17th 2024

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 work experience. Manufacture a mandolin, and an acoustic guitar from raw materials at the wood workshop, as well as building and customising an electric guitar. Study the core professional development concepts required to work in the creative industry including marketing and visual creation.

Why take this course?
The Music and Instrument Technology 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 Instrument Technology student, you will be involved in a wide range of industry-specific practical work in 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. There are both Level 7 and Level 8 add-ons available that Music and Instrument Technology students can apply for at the TUS, Athlone Campus.
Music and Instrument Technology 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?
Working in the professional Creative Industry requires graduates to have a very driven attitude and to most likely have a 'blended income portfolio' i.e., having different revenue streams from different work within the Creative Industry. It is usually not an industry that seeks out individuals, rather it is the individual that must seek the opportunity out. It is the drive and determination to identify and take these opportunities that Music and Instrument Technology strives to instil in all graduates. Graduates will be qualified to assume technical positions in the following areas of the professional Creative Industry: Live & Studio Sound Engineer, Sound Designer, Instrument Building & Maintenance Technician, Business Entrepreneur, Music Producer, Audio Visual Artist. This is not an exhaustive list and graduates can find many work opportunities within the professional Creative Industry.

Dental Nursing

Higher Certificate in Science

Course Code: US661	**Course Level: 6**
Duration: 2 years	**2023 CAO Points: 270**
Athlone Campus	

Entry Requirements: Minimum Entry Requirements 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). 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.

Modules at a glance: Clinical Dental Nursing Placement, Clinical Dentistry, Infection Prevention and Control, Dental & Human Anatomy, Health and Safety in Dental Practice and Oral Health promotion.

Other Information: QQI FET/FETAC Applicants | Clinical Placement | The Higher Certificate in Science (Dental Nursing) has the approval of the Dental Council of Ireland | 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

Contact Details: **Kellie O'Shaughnessy,** Program coordinator
Tel: (090) 646818 | **Email:** koshaughnessy@tus.ie

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 take 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 chair-side 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 dental services within the 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.

Pharmacy Technician

Higher Certificate in Science

Course Code: US660	**Course Level: 6**
Duration: 2 years	**2023 CAO Points: 261**
Athlone Campus	

Progression to Level 7: Yes (Add-on)

Entry Requirements: Grade O6 at ordinary level in five subjects in the Leaving Certificate to include a laboratory-based science subject, mathematics and a language (English or Irish).

Modules at a glance: 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

Other Information: QQI FET/FETAC Applicants | Mature Applicants | Professional Placement | Garda Vetting

Contact Details: **Diane Patterson ,** Programme Coordinator Higher Certificate in Science Pharmacy Technician
Tel: (090) 6468057 | **Email:** Diane.Patterson@tus.ie

What is this course about?
The main aim of this course is to provide you with the appropriate multidisciplinary 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 will spend 16 weeks of placement in total in year 2 in a community and hospital pharmacy. This placement is organised by us and is enormously beneficial to your employment prospects. One of the unique elements of this course is the provision of Basic life Skills and Manual Handling training within the Preparation for Placement Module.

Why take this course?
A pharmacy technician plays a central role in the smooth operation of today's pharmacy by assisting the pharmacist in their various activities. Pharmacy technicians are employed in 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 progress to a level 7 BSc in Pharmacy Technician and onwards onto a level 8 in the health domain (this pathway is currently being developed by the programme team). 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.

Pharmacy Technician (Add-on)

Bachelor of Science

Course Code: Add-on	**Course Level: 7**
Duration: 1 year	**2023 CAO Points: Add-On**
Athlone Campus	

Entry Requirements: Students applying for entry on this programme must have successfully completed the Higher Certificate Level 6 qualification in Pharmacy Technician Studies or equivalent in TUS or another University*. *Applicants maybe be required to undertake an interview to satisfy entry criteria where places are oversubscribed.

Modules at a glance: Clinical Governance and Ethics, Medicines Management, Clinical Pharmacy & Pharmaceutical Care I, Pharmacy Dissertation, Advanced Pharmacy Skills I, Professional Placement I, Clinical Pharmacy & Pharmaceutical Care II, Aseptic Practices, Pharmacy Purchasing and Sales, Professional Placement II, Medicines Optimisation and Advanced Pharmacy Skills II

Other Information: Professional Placement | Garda Vetting

Contact Details: **Diane Patterson ,** Programme Coordinator Higher Certificate in Science Pharmacy Technician
Tel: (090) 6468057 | **Email:** Diane.Patterson@tus.ie

What is this course about?
Students will attend lectures Monday to Wednesday and attend pharmacy placement on Thursday and Friday throughout the academic year. Placement is organised by us 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.

Why take this course?
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.

What can I do after this course?
Graduates of this level 7 BSc in Pharmacy Technician can progress onwards onto a level 8 in the health domain (this pathway is currently being developed by the programme team). 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.

TUS Athlone Campus
CAO Open Days
October 20th and 21st 2023

General Nursing

Bachelor of Science (Honours)

Course Code: US877	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 370**
Athlone Campus	

Entry Requirements: Two H5 at higher level and four O6/H7 (these subjects must include mathematics, a laboratory science subject, and a language (English or Irish).

Modules at a glance: 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.

Other Information: QQI FET/FETAC Applicants | Clinical Placement | Mature Applicants | Garda Vetting | Professional Recognition

Contact Details: **Dr Laura Dempsey,** Programme Coordinator BSc (Hons) in General Nursing
Tel: (090) 64 83021 | **Email:** Laura.Dempsey@tus.ie

What is this course about?
Successful completion of the course leads to the award of a Bachelor of Science (Honours) in Nursing in General Nursing and registration with the Nursing and Midwifery Board of Ireland (NMBI). Registration with NMBI as a Registered General Nurse (RGN).

Why take this course?
This course involves the study of theoretical and practice-based modules. It involves classroom teaching and Clinical placements in a variety of clinical and non-clinical settings. Students undertaking this honours degree programme will have an opportunity to undertake clinical placement in the Ireland East Hospital Group (Regional Hospital Mullingar Group), Dublin Midlands Hospital Group (Midlands Regional Hospitals Tullamore and Portlaoise) and Community and Older Person sites in CHO8 (Longford/Westmeath and Laois/Offaly), as well as other associated health providers nationally and Internationally.

What can I do after this course?
On completion of the programme, successful students can work as a registered general nurse in a variety of medical, surgical or specialist clinical areas. 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. You may also apply for positions as a nurse within the Irish health care sector and you are also eligible to apply to register as a nurse within the EU and further afield.

Mental Health Nursing

Bachelor of Science (Honours)

Course Code: US878	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 346**
Athlone Campus	

Entry Requirements: Two H5 at higher level and four O6/H7 (these subjects must include mathematics, a laboratory science subject, and a language (English or Irish).

Modules at a glance: 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.

Other Information: QQI FET/FETAC Applicants | Clinical Placement | Mature Applicants | Garda Vetting | Professional Recognition

Contact Details: **Olivia Corcoran,** Programme Coordinator BSc (Hons) in Mental Health Nursing
Tel: (090) 6471 864 | **Email:** Olivia.Corcoran@tus.ie

What is this course about?
This course will provide you with a substantive knowledge base and facilitate the development of professional skills that will enable you to respond constructively to mental health care needs. Successful completion of the course leads to the award of a Bachelor of Science (Honours) in Mental Health nursing and registration with Nursing & Midwifery Board of Ireland (NMBI). Registration with NMBI as a Registered Psychiatric Nurse (RPN) allows you to work as a psychiatric nurse nationally and internationally.

Why take this course?
This four-year honours degree, offered with Healthcare providers and accredited by the Nursing and Midwifery Board of Ireland (NMBI). It has been developed in response to the changing mental health needs of the Irish public. The course involves the study of theoretical and practice-based modules. Students will be exposed to classroom teaching and Clinical Placements in a variety of clinical and non-clinical settings both nationally and internationally.

What can I do after this course?
On completion of the programme, successful students can work as a registered psychiatric nurse in a variety of generalist or specialist clinical areas in Mental Health. 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.

Nutrition and Health Science

Bachelor of Science (Honours)

Course Code: US950	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 307**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Nutritional Assessment, Food Science, Promoting Health, Nutrition Across the Lifecycle, Health Psychology and Sociology, Lifestyle Behaviours, Health and Wellness, Health Promotion and Population Health, Sustainable Food: Supply, Formulation and Regulation.

Other Information: QQI FET/FETAC Applicants | Work placement | National Vetting Bureau | AFN Accredited

Contact Details: **Dr Aine O'Connor,** Programme Co-Ordinator and Lecturer in Nutrition and Health Science
Email: Aine.Oconnor@tus.ie
Dr Geraldine Cuskelly, Programme Co-Ordinator and Lecturer in Nutrition and Health Science
Email: Geraldine.Cuskelly@tus.ie

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 take 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 Midlands 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 programme is accredited by the Association for Nutrition (AfN) and graduates can apply to become Registered Associate Nutritionists.

Physical Activity and Health Science

Bachelor of Science (Honours)

Course Code: US957	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 289**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Physical Activity for Health, Lifestyle Behaviours, Health and Wellness, Group Exercise Instruction, Factors Influencing Physical Activity, Exercise Prescription for Clinical Population, Youth Physical Activity, Understanding Health Behaviours, Designing Healthy Lifestyle Programmes, Consultation Skills for Public Health, Delivering and Evaluating Healthy Lifestyle Programmes.

Other Information: QQI FET/FETAC Applicants | Work placement | National Vetting Bureau

Contact Details: **Dr Clare McDermott,** Programme Co-Ordinator and Lecturer in Physical Activity and Health Science
Email: Clare.McDermott@tus.ie

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 take 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 a 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.

Exercise and Health Science

Bachelor of Science

Course Code: US788	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 234**
Athlone Campus	

Progression to Level 8: Yes
(Physical Activity and Health Science)

Entry Requirements: Grade 06 at ordinary level in five subjects in the Leaving Certificate examination. Two of these subjects must be mathematics and a language (English or Irish).

Modules at a glance: Physical Activity for Health, Lifestyle Behaviours, Health and Wellness, Group Exercise Instruction, Factors Influencing Physical Activity, Exercise Prescription for Clinical Population, Youth Physical Activity, Understanding Health Behaviours.

Other Information: QQI FET/FETAC Applicants | Work placement | National Vetting Bureau

Contact Details: **Dr Mairead Cantwell,** Programme Co-Ordinator and Lecturer in Exercise and Health Science
Tel: (090) 6473043 | **Email:** Mairead.Cantwell@tus.ie

What is this course about?
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.

Why take this course?
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.

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 an undergraduate level.

TUS Athlone Campus
CAO Open Days
October 20th and 21st 2023

Applied Psychology

Bachelor of Science (Honours)

Course Code: US925	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 431**
Athlone Campus	

Entry Requirements: Leaving Certificate applicants are required achieve a Grade H5 at higher level in 2 subjects + Grade 06/H7 in four other subjects, including maths and a language (English or Irish).

Modules at a glance: Introduction to Applied Psychology, History of Psychology, Research 1: Introduction, Biological Bases of Behaviour 1: Exploring the Brain, Enhancing Academic Practice: Writing Skills, Research 2: Descriptive Statistics and Computing, Lifespan Development 1: Childhood and Adolescence, Research 3: Experimental Design, Applied Social Psychology.

Other Information: QQI FET/FETAC Applicants | Work Placement | Mature Applicants | PSI Course Accreditation | Industry Links

Contact Details: **Oliver Hegarty,** Head of Department of Social Sciences
Tel: (090) 6442530 | **Email:** Oliver.Hegarty@tus.ie

What is this course about?
TUS Midlands Psychological Society of Ireland accredited BSc (Honours) in Applied Psychology is an ideal course for learners who are interested in undertaking comprehensive study in the field of psychology and for those who wish to study in a friendly, supportive and collaborative environment. Over the 4 years of your study you will:

- Gain a thorough grounding in all core aspects of psychology, including cognitive, social, developmental, biological, personality psychology and research methods.
- Gain experience of specialised and applied areas within psychology, including research skills, health psychology, and sport psychology.
- Receive training in interpersonal communication and professional development, which will be invaluable in work settings and in your personal life.
- Undertake a work placement in year 3 in a psychology informed work-setting
- Experience small class sizes which allow for individual attention from lecturers and ample opportunity for discussion and collaboration with other class members.
- Work with enthusiastic lecturers who are committed to teaching and learning.
- Learn in a friendly and vibrant campus community and have the opportunity to join various social clubs and societies

Why take this course?
Psychology is the scientific study of the human mind and behaviour. It examines how we think, feel, act and interact with other people. It examines questions such as what makes each person unique? How can we communicate so that others understand us better? How can we make teams work efficiently? How can we help people to overcome anxiety? How can we make our dreams become a reality? If you are interested in similar types of questions, then this course is likely to be of interest to you. The course is accredited by the PSI and is relevant to anyone wishing to pursue a longer-term career in psychology. It is also an ideal stepping stone to postgraduate study either within psychology or in other areas of social science. You will develop skills in research, problem solving, critical thinking and analysis, communication and professional development.

What can I do after this course?
A degree in psychology can lead to a comprehensive list of careers, including roles in clinical psychology, counselling, 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.

Biotechnology

Bachelor of Science (Honours)

Course Code: US861	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 339**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Maths and Statistics; Immunotechnology Applied Genetic Engineering; Environmental Biotechnology; Bioprocess Technology; Research Project.

Bachelor of Science

Course Code: US731	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 323**
Athlone Campus	

Progression to Level 8: Yes (Add-on)

Entry Requirements: 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).

Modules at a glance: Current Scientific Issues through TBL, Laboratory Practice: Safety Science and Laboratory Competencies, Microbial Genetics, Analytical Techniques.

Other Information: QQI FET/FETAC Applicants | Work Placement.

Contact Details: **Dr Donal Eardly,** Department of Pharmaceutical Sciences and Biotechnology
Tel: (090) 6468075 | **Email:** Donal.Eardly@tus.ie
Dr Mary Booth, Department of Pharmaceutical Sciences and Biotechnology
Tel: (090) 6462543 | **Email:** Mary.Booth@tus.ie

What is this course about?

The degree in biotechnology is designed to provide students with the necessary foundation of scientific knowledge, understanding and skill to build a career as a biotechnologist. The student experience will include the following:

- Lectures, tutorials and practical classes delivered in modern well-equipped teaching rooms and laboratories
- Highly qualified lecturers with a broad range of research, teaching and industrial experience
- A comprehensive hands-on training in basic and advanced laboratory skills, and in the operation of scientific equipment
- Opportunities to develop soft skills in oral and written communication, teamwork, problem solving, time and project management, numeracy skills and computer literacy
- Final year business and research project modules where students work independently to develop and pursue commercial ideas and novel research topics under the guidance of experienced mentors

Why take this course?

Biotechnology is the manipulation of living organisms, cells, genes or molecules to develop services and products that benefit humankind and have commercial value. Biotechnology is a dynamic and evolving area, which is making significant contributions to the 'smart economy' in areas such as health care, agri-business, the food industry and the environment. Biotechnologists have already 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. These advancements are based on relatively recent discoveries in the areas of genetic engineering, genome sequencing and molecular biology. It is estimated that approximately half of all medicines produced worldwide now originate in biotechnology, making them cheaper and more widely available. Ireland is a leading location for biopharmaceutical production with a mix of start-ups, high growth SMEs and large multinationals located here. The Irish Government has identified the biopharmaceutical/diagnostics sector as one of the country's best options for our economic future. Currently nine out of the 10 largest pharmaceutical companies in the world are located in Ireland, while seven out of the 10 best-selling medicines in the world are produced here. Biotechnology is designed to train graduates to pursue careers in this dynamic sector of the economy, 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 biopharmaceutical and medical technology industries, research organisations (academic and industrial), food and drinks manufacturing. Roles for biotechnology graduates include quality assurance and quality control technician, manufacturing technologist, biochemist, analytical scientist, microbiologist, process engineer.

Pharmaceutical Sciences

Bachelor of Science (Honours)

Course Code: US866	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 291**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: 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.

Other Information: QQI FET/FETAC Applicants

Contact Details: **Jim Roche,** Department of Pharmaceutical Sciences and Biotechnology
Tel: (090) 6468087 | **Email:** Jim.Roche@tus.ie

–
TUS Athlone Campus
Open Evening
April 17th 2024

What is this course about?
This is an ideal course for learners 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 take this course?
This unique APS-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. Pharmaceutical science is 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.

Pharmaceutical Sciences (Drug Development and Analysis)

Bachelor of Science

Course Code: US733	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 258**
Athlone Campus	

Progression to Level 8: Yes (Add-on)

Entry Requirements: 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).

Modules at a glance: Transferable skills, Analytical techniques; Dosage form design, Pharmaceutical synthesis; Pharmaceutical spectroscopy, Pharmaceutical biotechnology.

Other Information: QQI FET/FETAC Applicants | Work Placement.

Contact Details: **Dr Noreen Morris,** Department of Pharmaceutical Sciences and Biotechnology
Tel: (090) 6461878 | **Email:** Noreen.Morris@tus.ie

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

Why take this course?
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.

What can I do after this course?
Graduates may expect to find well remunerated positions and construct fulfilling careers in the pharmaceutical and fine chemicals sector, whether in an API/biologic drugs plant or in a finished drug product manufacturing facility. Many graduates progress to courses of further study such as year 4 of the BSc (Honours) in Pharmaceutical Sciences here or elsewhere in Ireland or further afield. A number 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.

Pharmacology

Bachelor of Science (Honours)

Course Code: US865	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 307**
Athlone Campus	

Entry Requirements: Grade H5 in two higher- level subjects, Grade 05 in Mathematics at ordinary level, plus three subjects at Grade O6 at ordinary level. Subjects to include a language (English or Irish).

Modules at a glance: 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

Other Information: QQI FET/FETAC Applicants | Work Placement

Contact Details: **Dr Natasha McCormack,** Department of Pharmaceutical Sciences and Biotechnology
Email: Natasha.McCormack@tus.ie

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, new 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. TUS Pharmacology students will have the opportunity to take part in cutting edge drug development research and industry work placement.

Why take this course?
This programme will provide the graduate with the knowledge and discipline specific skills to develop an exciting scientific career exploring and developing approaches to maximise the therapeutic benefit of drugs whilst minimising risk to recipients.
What will I study?

- The student experience will include the following:
- Lectures, tutorials and practical classes delivered in modern well-equipped teaching rooms and laboratories
- Highly qualified lecturers with a broad range of research, teaching and industrial experience
- A comprehensive hands-on training in basic and advanced laboratory skills, and in the operation of scientific equipment
- Opportunities to develop soft skills in oral and written communication, teamwork, problem solving, time and project management, numeracy skills and computer literacy
- Final year research project where students work independently to develop and pursue novel research topics under the guidance of experienced mentors
- Each learner will be required to complete a minimum of 20 weeks (35 hrs/week) placement in an industrial or relevant placement setting. Placement opportunity will take place in year 3, semester 6

What can I do after this course?
Many exciting careers exist in the Pharmaceutical Industry - working on the development of new medicines, testing new medicines, assessing the safety of new medicines, marketing new medicines, patent & regulatory affairs or providing IT support. Other areas in which pharmacologists typically find employment are medical research departments in hospitals, government departments, management, finance & consultancy. You are also eligible to undertake a postgraduate degree to discover something new about the body or discover a new medicines.
Graduates from the BSc (Hons) in Pharmacology will be eligible to progress to TUS's taught MSc in Biopharmaceutical Technology as well as to other taught Masters programmes in other Higher Education Institutions. Graduates will also be eligible to enrol on TUS's structured MSc and PhD programmes and other similar positions both nationally and internationally.

Microbiology

Bachelor of Science (Honours)

Course Code: US862	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 309**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: 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.

Other Information: Work Placement

Contact Details: Dr Andy Fogarty, Department of Bioveterinary and Microbial Sciences
Tel: (090) 6471861 | **Email:** Andy.Fogarty@tus.ie
Dr Dawn Howard, Department of Bioveterinary and Microbial Sciences
Tel: (090) 6468000 | **Email:** Dawn.Howard@tus.ie

What is this course about?
This BSc (Hons) Microbiology course provides comprehensive training in fundamental and applied aspects of microbiology. In the third year of this programme, students gain valuable experience during placement in a relevant industry.
This unique CAO course was designed with the aim of providing graduates in Microbiology with key transferrable graduate skills in problem solving, data analytics, excellent communication skills (both written and oral) and the ability to work in teams. Another core aspect of this course is the aseptic handing, manipulation and understanding the key roles of microorganisms in industry and society.
The expertise of the lecturers involved in designing and delivering this course in microbiology is extensive. Many are actively involved in research in different areas of microbiology and are up to date with current trends in microbiology research. There is a strong ethos for linking research to teaching, an important point which is increasingly being highlighted as best practice worldwide.
Microbiology is an exciting field of fundamental importance to all areas of manufacturing, health, the environment and food and drink industries.

Why take this course?
Microbiology is the study of microscopic organisms, known as microorganisms or microbes, that are usually invisible to the naked eye, including bacteria, protozoa, fungi, viruses and prions. These microbes are critical to all aspects of life on our planet and, though tiny, can cause seismic shocks to our society such as the COVID-19 pandemic. Therefore, it is critical that we understand how to identify, prevent and control zoonotic transfer of pathogens. The science of microbiology is diverse and includes sub-disciplines such as medical, environmental, food and industrial microbiology. Several modern scientific disciplines including epidemiology, vaccination, genetic engineering, microbial biotechnology, immunology and molecular biology originated from classical microbiology and, therefore, form an integral part of the teaching and research of BSc (Honours) in Microbiology.

What can I do after this course?
The study of Microbiology unlocks a vast range of career opportunities as evident by the fact that a routine search of Irish jobs websites using the term "Microbiology" will typically show upwards of 100 plus jobs for Microbiology degree holders. An industrial placement of a minimum of 20 weeks duration during the third year of this course provides an opportunity to gain valuable "real world" experience and establish direct links with industry.
The principal aim of this course is to provide competent microbiology graduates with excellent microbiological skills and attention to detail. Graduates may be employed as microbiologists in a wide range of areas including the biopharmaceutical industry, food and brewing industries, agri-foods, medical device sector, wastewater treatment, environmental monitoring, industry, clean room manufacturing, quality control (QC)/quality assurance (QA), validation and sterility assurance. Opportunities for graduates include employment with several industrial sectors (food, medical device, pharmaceutical and biotechnological) in addition to a variety of options to furthering their education including obtaining a PhD in Microbiology.

Bioveterinary Science

Bachelor of Science (Honours)

Course Code: US867	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 293**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Learning and Development for Higher Education, Bioveterinary Anatomy and Physiology, Chemistry for Bioveterinary and Microbial Sciences, Biology for Bioveterinary and Microbial Sciences, Physics for Chemical and Life Sciences, Mathematics for Scientists, Current Scientific Issues.

Other Information: QQI FET/FETAC Applicants | Work Placement

Contact Details: **Dr Olivia Cregg,** Programme Co-Ordinator
Department of Bioveterinary and Microbial Sciences
Tel: (090) 646 8076 | **Email:** Olivia.Cregg@tus.ie
Dr. Caitriona Collins, Programme Co-Ordinator
Department of Bioveterinary and Microbial Sciences
Tel: (090) 646 3059 | **Email:** Caitriona.Collins@tus.ie

–
TUS Athlone Campus
CAO Open Days
October 20th and 21st 2023

What is this course about?
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 take this course?
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). This is a multidisciplinary degree in science which prepares the graduate 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.

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. As a graduate, you will be academically well prepared to enrol on a research degree course here or at another university. You will also be qualified to undertake a variety of taught MSc courses, including a taught MSc/ PgDip in Biopharmaceutical Technology.

Veterinary Nursing

Bachelor of Science

Course Code: US738	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 400**
Athlone Campus	

Progression to Level 8: Yes (Add-on)

Entry Requirements: 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 are shortlisted will be required to sit an aptitude test. Based on these results, successful candidates will be interviewed.

Modules at a glance: 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

Other Information: QQI FET/FETAC Applicants | Work Placement | Accreditation

Contact Details: Dr Maeve O'Reilly, MVB Department of Bioveterinary and Microbial Sciences
Tel: (090) 6468011 | **Email:** Maeve.OReilly@tus.ie
Gillian Coughlan, RVN Department of Bioveterinary and Microbial Sciences
Tel: (090) 6483091 | **Email:** Gillian.Coughlan@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.

Why take 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).

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.

Applied Bioscience (Add-on)

Bachelor of Science (Honours)

Course Code: Add-on	**Course Level: 8**
Duration: 1 year	**2023 CAO Points: Add-On**
Athlone Campus	

Entry Requirements: 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.

Modules at a glance: 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

Contact Details: **Dr Sean Gerrity,** Programme Co-Ordinator, Department of Bioveterinary and Microbial Sciences
Tel: (090) 6471827 | **Email:** Sean.Gerrity@tus.ie

What is this course about?
Students will gain valuable hands-on experience working in laboratories. Students are encouraged to discover their talents and will be assigned a final year project. This will usually involve spending time in the laboratory, where students can develop their lab skills and independent thinking. Students will also find that the small class sizes allow for excellent learner/lecturer interaction.

Why take this course?
Significant employment opportunities are available in the vibrant and expanding food, agricultural and fishing sectors. Students taking this one-year, add-on honours degree focus on animal and agricultural modules, such as herd management strategies and environmental management and land use. There is also a distinct focus on food science through modules such as food and molecular microbiology, food processing and safety. A substantial research project forms an important component of the year providing critical skills in independent scientific enquiry.

What can I do after this course?
As a BSc (Honours) in Applied Bioscience graduate, you may be employed by industry in roles such as product quality assurance, analysis/bioanalysis, validation, management and optimisation. Also, with an honours degree, it is possible to pursue further postgraduate studies leading to Master's or PhD (level 9/10) qualifications in Ireland or further afield. Previous graduates have been employed by the agri-food and veterinary health sectors in a range of exciting roles including diagnostics, agri-health and bioveterinary nutrition, employed by companies such as Lakeland Dairies, Kepak, Carroll's Cuisine and Arrabawn. Many graduates have entered graduate management courses in industry or in semi-state bodies including Teagasc. A significant number have entered the emerging biopharmaceutical arena in disciplines such as validation, regulatory affairs and process support specialists working with multinationals including Abbott, Teleflex, MSD, Baxter International and Alexion Pharmaceuticals. One in five of our graduates pursue postgraduate studies leading to MSc or PhD (Level 9/10) qualifications while others have decided to pursue a career in education by acquiring a teaching qualification or as veterinary technicians supporting teaching courses in academia. Approximately 10% return to veterinary nursing, taking up senior roles in the sector which include posts at Fethard Equine Hospital, Glenvale Stud and Queen Mother Veterinary Hospital in the UK. Another opportunity for a graduate is that you may even consider setting up your own company.

Applied Social Studies in Social Care

Bachelor of Arts

Course Code: US782	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 237**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Bachelor of Arts in Applied Social Studies in Social Care (Level 7) or an equivalent Level 7 social care qualification.

Entry Requirements: 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). Note: An FL2 in foundation level mathematics will be accepted as meeting the minimum mathematics requirements for entry to this course.

Modules at a glance: Developing Academic Practice and Autonomy, Group Dynamics and Collaborative Practice, 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.

Other Information: QQI FET/FETAC Applicants | Practice placement | Language proficiency | Attendance | Fitness to practice | CORU | Mature Applicants | Garda Vetting | Professional Recognition

Contact Details: **Oliver Hegarty,** Head of Department of Social Sciences
Tel: (090) 6442530 | **Email:** Oliver.Hegarty@tus.ie

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 take 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 social care settings, such as residential care, disability services, mental health services, family support services and homelessness services. Social care workers may be employed in the health and social services (e.g., Tusla or the HSE), voluntary organisations, in community-based bodies, and in the private sector.

Early Childhood Education & Care (ECEC)

Bachelor of Arts (Honours)

Course Code: US926	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 263**
Athlone Campus	

Entry Requirements: 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). Note: An FL2 in foundation-level mathematics will be accepted as meeting the minimum mathematics requirements for entry to this course.

Modules at a glance: Principles and Practices of the ECEC Sector, Developing Academic Practice and Autonomy, Introduction to Relational Pedagogy in ECEC, Early Childhood Developmental Psychology, Contexts of Early Childhood.

Bachelor of Arts

Course Code: US780	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 180**
Athlone Campus	

Progression to Level 8: Yes (Add-on)
Bachelor of Arts in Early Years Care and Education level 7 or an equivalent level 7 qualification.

Entry Requirements: 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). Note: An FL2 in foundation level mathematics will be accepted as meeting the minimum mathematics requirement for entry to this course.

Modules at a glance: Creative Skills for ECEC, Promoting Positive Health & Wellbeing in ECEC, Working Collaboratively with Parents and relevant stakeholders in an ECEC setting, Outdoor Pedagogy, ECEC Social Policy.

Other Information: QQI FET/FETAC Applicants | Practice placement | Mature Applicants | Garda Vetting

Contact Details: **Oliver Hegarty,** Head of Dept of Social Sciences **Tel:** (090) 6442530 | **Email:** Oliver.Hegarty@tus.ie

What is this course about?
This course has been approved by the Qualifications Advisory Board (QAB). This course has 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 take 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 childhood education and care (ECEC) sector 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. As well as developing the core skills of providing childhood education, care and support, this course develops the capacity to be an effective leader and manager in this rapidly changing sector.

Social Care Practice

Bachelor of Arts (Honours)

Course Code: US921	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 270**
Athlone Campus	

Entry Requirements: 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). Note: An FL2 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.

Modules at a glance: Professional Social Care Practice 1.1, Developing Academic Practice and Autonomy, Group Dynamics and Collaborative Practice, Introduction to Psychology, Fundamentals of Irish Law, Professional Social Care Practice 1.2, Principles of Sociology, Creative Approaches to Social Care 1.2, Applied Child Development Psychology

Other Information: QQI FET/FETAC Applicants | Practice placement | Language proficiency | Attendance | Fitness to practice | CORU | Mature Applicants | Garda Vetting | Professional Recognition

Contact Details: **Oliver Hegarty,** Head of Department of Social Sciences
Tel: (090) 6442530 | **Email:** Oliver.Hegarty@tus.ie

What is this course about?
The regulatory body, CORU, has approved this course. Practice placement is where a social care student applies their knowledge to practice, learns key skills and achieves the required competencies for registration. Two practice placements, amounting to a total of 800 hours, form an essential part of this four-year degree course. Practice placements are undertaken in years 2 and 3. In these, you will use the knowledge, skills and approaches which are relevant to the role of a social care worker.

Why take this course?
This course prepares you to become a professional social care worker. 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. Social care workers work in a range of services including disability, youth at risk, family support, residential care for young people, secure care, child protection and welfare, community projects, mental health, addiction and homeless services. The learning outcomes of this course are informed by CORU's Standards for Education and Training courses in Social Care Work, Standards of Proficiency for Social Care Workers and Code of Professional Conduct and Ethics for Social Care Workers.

What can I do after this course?
Social care graduates find employment with a diverse range of employers including the HSE, Tusla (Child and Family Agency), private residential providers, and voluntary (Barnardos) and statutory organisations. Others find roles with agencies, which provide care for individuals experiencing social inequality, unemployment or with people facing family breakdown. Graduates may choose to work with agencies which provide care for people with intellectual disabilities. Graduates can also proceed to postgraduate study.

TUS Athlone Campus
Open Evening
April 17th 2024

Sports Science with Exercise Physiology

Bachelor of Science (Honours)

Course Code: US951	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 339**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Fundamentals of Sport and Exercise Science, Performance Biomechanics, Applied Coaching Science, The Female Athlete, The Youth Athlete, Physiology for the High Performance Athlete, Applied Sports Nutrition, Performance Testing, Sport and Exercise Psychology, Performance Analysis, Strength and Conditioning.

Other Information: QQI FET/FETAC Applicants | Work placement | National Vetting Bureau

Contact Details: **Dr Ciarán Ó Catháin,** Programme Co-Ordinator and Lecturer in Sports Science with Exercise Physiology
Tel: (090) 6468083 | **Email:** Ciaran.OCathain@tus.ie
Dr Kris Beattie, Programme Co-Ordinator and Lecturer in Sports Science with Exercise Physiology
Email: Kris.Beattie@tus.ie

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 teams to enhance participation and performance in sport. Our exciting programme 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 take this course?
Our campuses' modern, state-of-the art sports science equipment and facilities makes studying sports science here different from other universities. We place an emphasis on practical development and equipping students with the skills to enter sports science employment once they complete this degree course. 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 this 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, 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)

Course Code: US956	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 465**
Athlone Campus	

Entry Requirements: 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).

Modules at a glance: Psychology of Sports Injuries, Performance Biomechanics, Screening and Injury Prevention, Fundamental Rehabilitation Skills, Athletic Taping and Strapping, Musculoskeletal Injuries, Therapeutic Modalities.

Other Information: QQI FET/FETAC Applicants | Work placement | START Clinic | National Vetting Bureau | Professional Accreditation

Contact Details: **Anna Postawa,** Programme Co-Ordinator and Lecturer in Athletic and Rehabilitation Therapy
Tel: (090) 6468066 | **Email:** Anna.Postawa@tus.ie
Lynn Allen, Programme Co-Ordinator and Lecturer in Athletic and Rehabilitation Therapy
Tel: (090) 6442570 | **Email:** Lynn.Allen@tus.ie

What is this course about?
This programme 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 take 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.

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 professional. 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.

Sport Management (with International Placement)

Bachelor of Business (Honours)

Course Code: US952	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 244**
Athlone Campus	

Entry Requirements: 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 English.

Modules at a glance: Introduction to Sports Coaching, Fundamentals of Business and Management, Strength and Conditioning, Coaching Children in Sport, Exercise & Fitness, Lifestyle Development, Facility Management, Digital Marketing for the Sport Sector, Advanced Coach Education, Anatomy & Physiology and Financial Accounting for the Sport Sector.

Other Information: QQI FET/FETAC Applicants | Work Placement

Contact Details: **Dr Emma Reardon,** Head of Department of Hospitality, Tourism and Leisure
Tel: (090) 6471871 | **Email:** Emma.Reardon@tus.ie

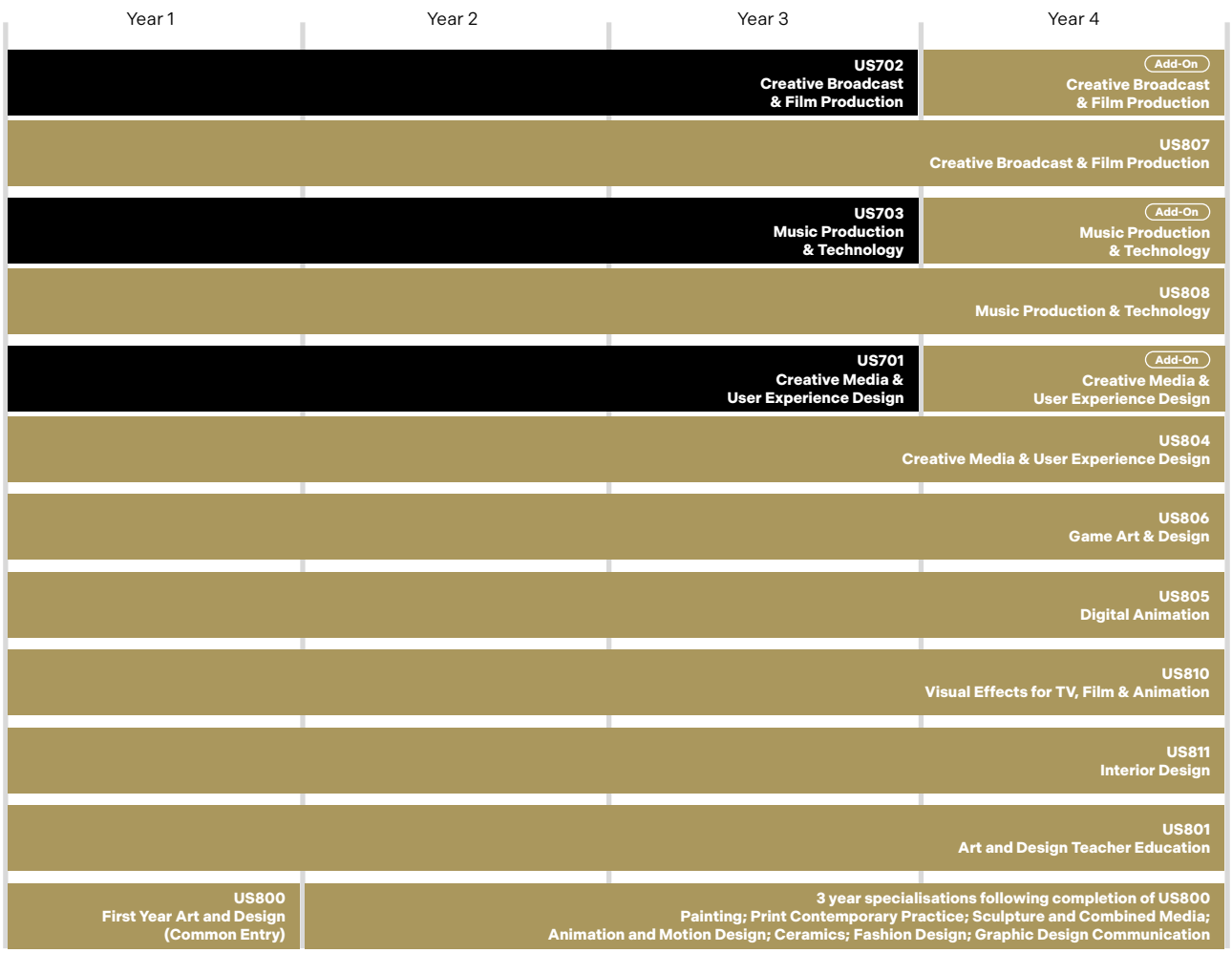
Why take this course?
The Bachelor of Business (Honours) in Sport Management (with international placement) is the only sports business degree in Ireland which guarantees an international placement. We work with students to find rewarding and challenging experiences overseas which will help them develop into leaders and innovators in the sport industry. Post-certification, successful students will have opportunities to work in diverse roles within the sport and leisure industry. You will be offered 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 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 will have the opportunity to progress to master's degrees in business, health promotion, and sports development. Graduates are employed in many nationally and world-renowned organisations, for example, Special Olympics. Graduates are also employed in stadium and retail management, in roles such as sports development officer roles for the GAA and St George's University Foundation Trust, London.

TUS Athlone Campus
CAO Open Days
October 20th and 21st 2023

Limerick School of Art and Design

Scan your phone on the QR code to learn more about our Art and Design courses.



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**
  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

US804 Creative Media & User Experience Design
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

US701 Creative Media & User Experience Design
Bachelor of Science

Portfolio Assessment

For Portfolio Guidelines, Scan your phone on the QR code

At 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.

Courses 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, and US811 Interior Design require applicants to successfully complete a Portfolio for assessment prior to entry.

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.

How to Apply

All applications should be made through the Central Applications Office (CAO). Approximately mid to late February,the LSAD Administration Office will send applicants an invitation to submit a digital portfolio, online. The portfolio assessment is carried out by a team of Art and Design staff and applicants are notified, within a few days, of their portfolio score.

Mature Applications

Mature students (any EU National over the age of 23 before 1st January of the year of application) must indicate such on their application to the CAO. All applications from mature students must be sent to the CAO prior to the official CAO closing dates set for the year of application. All mature applicants must, where required, present work for portfolio assessment and complete a Mature Applicant suitability form. Portfolio assessments look at the level of commitment, creativity, competence, comprehension, investigation, efficiency in the portfolio of work submitted, while the Mature Applicant suitability form evaluates applicant ability to successfully complete the academic subjects of the course.

First Year Art and Design (Common Entry)

Bachelor of Arts (Honours)

Course Code: US800	**Course Level: 8**
Duration: 1 year, plus 3 years for BA (Honours) Degree	**2023 CAO Points: 794* *Points are a combination of Leaving Certificate results and Portfolio Assessment**
Clare Street Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish. Mathematics is not a subject requirement for this course.

A Portfolio is also required. 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.

Class Contact Hours: 23 hours per week

Other Information: Portfolio is required | QQI FET/FETAC Applicants | Mature Applicants

Contact Details: **Dr. Mike Fox,** Course Leader
Tel: 061 293870 | **Email:** Mike.Fox@tus.ie

What is this course about?
The courses at LSAD aim to assist students to become confident, articulate, informed, creative and expressive practitioners.

The 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 Expanded Practice
- Fashion with Specialist Pathways
- Graphic Design Communication.

Why take this course?
Year One Art & 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 will I study?
Semester One is designed to introduce students to the working methodologies, the vocabulary, and the contemporary context of Art and Design. This is achieved through engagement in a broad-based, practical Studio Project.

Semester Two is designed around helping students make the appropriate choice of specialisation, which will form the basis of their further studies at LSAD and in turn their future careers as artists and designers. Through a process of experience in three elective specialist areas students progressively focus their discipline interests to make their final discipline selection.

Based on an aggregated mark of the Semester One assessment and the combined score from the three electives, the places on offer in Year 2 are distributed. Students then enter their Year 2 disciplines on provisional places.

What can I do after this course?
Students choose to specialise in one of seven disciplines from 2nd year to 4th year.

OPEN DAYS

LSAD, Clare Street, Limerick
19th & 20th October 2023

PORTFOLIO OPEN DAY

LSAD, Clare Street, Limerick
11th January 2024

Add-On

Animation and Motion Design

Bachelor of Arts (Honours) in Animation and Motion Design

Course Code: Add-on	**Course Level: 8**
Duration: 3-year specialisation following US800 First Year Art & Design (Common Entry)	
LSAD TUS George's Quay/Clare Street Campus, Limerick	

Entry Requirements: Entry into Animation & Motion Design is by competition and selection during US800 First Year Art & Design (Common Entry)

Modules at a glance: **Main Study, Critical & Contextual Studies, Placement Practice or Exchange.**

Main Study includes: Animation: Principles, Skills, Techniques, Classical, Frame by Frame, Digital 2D/3D. **Motion Design:** Principles, Design for Motion, Design Thinking, Moving Typography, Filmmaking, Branding. **Figure Drawing:** Fundamentals, Acting for Animation, Costume & Props, Silhouettes, Observational, Perspective. **Digital:** Drawing for Animation, Illustration for Motion, Design 2D/3D, Experimental, Concept Design. **Stop-Motion:** Cut-Out, Multiplane, 2D/2.5D/3D, Model-Making, Digital Fabrication. Final Project & Exhibition.

Class Contact Hours: Initially 24 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.

Other Information: Work Placement/Study Abroad in Year 3

Contact Details: **Mr. David Phelan,** Course Leader
Tel: 061 293870 | **Email:** David.Phelan@tus.ie

What is this course about?
This exciting course offers students the chance to study in the dynamic and expressive world of animation and motion design. The course develops creative individuals with artistic design skills and vision to produce a wide variety of animation and design in motion.

Our course aims to give students a platform to shape their ideas, stories, and skills through a series of challenging creative briefs. The design briefs are both structured yet malleable. Physical art making is at the core of our approach. Our mantra is 'to make' rather than 'to find'. The philosophy of the course is based on the development of the creative animator and motion designer, focusing on the development of key skills in creativity, drawing, design, exploration, problem solving and collaboration.

Students are exposed to the principles, the tools and the processes of animation and motion design, through demonstrations, lectures, and workshops. The course focuses on key graduate attributes in design as well as specific software skills. Emphasis is placed on vocational learning alongside research, analysis, and reflective practice. This is underpinned by the use of sketchbooks, journals and visual notebooks.

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.They work with film and television title design, both traditional and digital animation, motion graphic design, compositing and visual fx, concept art and storyboarding, model making and stop-motion animation.

Ceramics

Bachelor of Arts (Honours)
Ceramics in Expanding Practice

Course Code: Add-on	**Course Level: 8**
Duration: 3-year specialisation following US800 First Year Art & Design (Common Entry)	
Clare Street Campus, Limerick	

Entry Requirements: Entry into Ceramics is by competition and selection during US800 First Year Art & Design (Common Entry)

Modules at a glance: **Main Study, Critical & Contextual Studies, Placement Practice or Exchange.**

Main Study includes: 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.

Class Contact Hours: Initially 23 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.

Other Information: Applications will also be considered for Advanced Entry from those with a QQI/FETAC Level 6 qualification (or equivalent) and/or relevant prior learning. | Work Placement/Study Abroad in Year 3

Contact Details: **Mr. Owen Quinlan,** Course Leader
Tel: 061 293388 | **Email:** Owen.Quinlan@tus.ie

What is this course about?
Clay is an endlessly diverse material. Contemporary ceramic practice encompasses a broad range of applications, enabling a wide range of conceptual and practical approaches within art and design. The Ceramics course at LSAD reflects this diversity and embraces the medium's rich cultural heritage. Students access an extensive range of creative practice through the combined development of traditional core skills and cutting-edge technologies. Ceramics at LSAD actively encourages students to take risks and rise to creative challenges. Using both traditional and pioneering approaches, students are supported to innovate and establish their own voice within this contemporary field.

Ceramics has been a cultural signifier for thousands of years, providing a rich legacy to draw on creatively: as an artist, designer, or maker. Ceramics at LSAD has a long-standing reputation for excellence and is the largest specialist ceramics course in Ireland. Its dedicated staff reflect the diversity of contemporary ceramic practice and encourage the combined use of traditional skills with new technologies to develop fresh and exciting creative solutions. This coupled with superbly equipped light-filled, specialist ceramics facilities enable students to work in diverse directions through this dynamic material.

Why take 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?
Graduates are encouraged to explore numerous pathways following their degree. They will acquire the necessary subject specific and transferable skills to enter the professional world of contemporary ceramic practice, be that through art, craft or design. Graduates work as designer makers, studio potters, ceramic sculptors, teachers, technicians, researchers, curators and are involved in a wide range of activities within the culture sector.

Add-On

Fashion Design

Bachelor of Arts (Honours) in Fashion Design with (Collection Design) / (Applied Textiles) / (Technology) / or (Sustainability)

Course Code: Add-on | **Course Level: 8**

Duration: 3-year specialisation following US800 First Year Art & Design (Common Entry)

LSAD TUS Merriman House and Clare Street Campus, Limerick

Entry Requirements: Entry into Fashion Design is by competition and selection during US800 First Year Art & Design (Common Entry)

Modules at a glance: **Main Study Pathways -** *Collection Design, Sustainability, Applied Textiles & Technology*
Critical & Contextual Studies, Placement Practice or Exchange

Main Study Pathways include: 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.

Class Contact Hours: Initially 23 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.

Other Information: Work Placement in Year 3 | Study Abroad

Contact Details: **Ms. Michelle Molloy, Ms. Giordana Giache**
Course Leaders
Tel: 061 293870 | **Email:** Michelle.Molloy@tus.ie
Giordana.Giache@tus.ie

What is this course about?
The BA (Hons) in Fashion Design is one of the most nationally and internationally acclaimed courses in the Limerick School of Art and Design. It is the only course in Ireland who currently shows at Graduate Fashion Week in London and was listed in the 'Top 50 Fashion Schools and Programs Across the Globe' (Robin Wilding 2012).

Students partake in market research trips and also participate in selected competitions and collaborative exhibitions. The annual graduate fashion showcase at the end of year 4 is a course highlight and attracts an audience from fashion journalism, bloggers and industry.

The course offers the student the opportunity to specialise in one of four chosen pathways or specialisms (Collection Design, Sustainability, Applied Textiles and Technology) which reflect the exciting opportunities that exist to work within the wider global Fashion and Textiles sector.

Why take this course?
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?
Graduate employment opportunities include the following roles: Designer, Design for Film, Stylist, Garment Technician, Pattern Cutter (Gerber specialist), Trend Forecasting, 3D Garment developer for gaming, 3D Product developer, Fashion Buyer, Merchandiser, Digital pattern cutter, 3D Designer , Visual Merchandiser, Fashion Journalism, Studio Manager, Design assistant, Garment technologist, Fashion illustrator, Creative pattern cutter, Digital Illustrator, Production pattern cutter, Grader, 3D Textile developer, Fashion writer, Fashion Photographer / Filmmaker, Fashion Marketing & PR Trend forecaster, Wardrobe Assistant, Fashion brand owner, Costume designer, Social Media assistant, Event Manager, Teacher / Lecturer, 3D Artist.

Graphic Design Communication

Bachelor of Arts (Honours) in Graphic Design Communication

Course Code: Add-on | **Course Level: 8**

Duration: 3-year specialisation following US800 First Year Art & Design (Common Entry)

Clare Street Campus, Limerick

Entry Requirements: Entry into Graphic Design Communication is by competition and selection during US800 First Year Art & Design (Common Entry)

Modules at a glance: **Design Communication** (Graphic Design Project, Typography, Graphic Design Production, Image-making) **Critical & Contextual Studies, Placement Practice or Exchange.**

Design Communication includes: Design Process, Brand Identity & Strategy, Experience Design, UX/UI Design, Digital Product Design, Web Design, Motion Design, Design for Screen & Print, Book Design, Advertising, Illustration & Photography.

Class Contact Hours: Initially 23 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.

Other Information: Work Placement in Year 3 | Study Abroad

Contact Details: **Eamon Spelman,** Course Leader
Tel: 061 293395 | **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.

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.

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.

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.

Areas of employment include: graphic design, brand identity and strategy, 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.

Painting

Bachelor of Arts (Honours) in Fine Art

Course Code: Add-on	**Course Level: 8**
Duration: 3-year specialisation following US800 First Year Art & Design (Common Entry)	
Clare Street Campus, Limerick	

Entry Requirements: Entry into Painting is by competition and selection during US800 First Year Art & Design (Common Entry)

Modules at a glance: 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.

Class Contact Hours: Initially 23 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.

Other Information: Work Placement/Professional Practice/ Study Abroad in Year 3

Contact Details: **Mr. Alan Keane,** Course Leader
Tel: 061 293397 | **Email:** Alan.Keane@tus.ie

What is this course about?
Painting offers an opportunity to learn about art in the contemporary world. The course is housed in purpose-designed spacious studios, with a workshop studio and an audio-visual demonstration seminar space. The lecturers and technical officers who deliver the course are all professional working artists and this ensures that the Painting course is focused on the provision of knowledge which is up-to-date and relevant to the contemporary world.

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.

Graduates can also progress to postgraduate; Masters and PhD level study. Some recent graduates have continued to progress their study on prestigious courses both in Ireland and abroad including; Royal College of Art, Goldsmiths College, Edinburgh College of Art, and Emily Carr University of Art & Design, Canada.

Recent graduates of the course include contemporary artists; Conor Harrington, Ann Ryan, Diana Copperwhite, Ramon Kassam and Gerry Davis (winner of the Hennessy Portrait Prize). Performance artist; Amanda Coogan and Sandra Hickey (animation painter on *Loving Vincent*). Curators; Niamh Brown (Ormston House), Claire Walsh (Irish Museum of Modern Art) and Art Critic and writer; Chris Hayes (Emotional Art Magazine).

Print Contemporary Practice

Bachelor of Arts (Honours) in Fine Art

Course Code: Add-on	**Course Level: 8**
Duration: 3-year specialisation following US800 First Year Art & Design (Common Entry)	
Clare Street Campus, Limerick	

Entry Requirements: Entry into Print Contemporary Practice is by competition and selection during US800 First Year Art & Design (Common Entry)

Modules at a glance: Students will study the core elements of Print Contemporary Practice such as: drawing, printmaking, photography, digital media & lens- based media. Advanced printmaking, photography & digital media workshops & demonstrations are delivered to facilitate deeper learning experiences. Regular tutorial sessions & group crits allow both staff & students to engage in reflective studio dialogues. Collaboration, curating exhibitions on & off campus, & producing editions, books & 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 Fine Art Print Contemporary Practice BA Honours degree exhibition.

Class Contact Hours: Initially 23 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.

Other Information: Work Placement/Professional Practice/ Study Abroad in Year 3

Contact Details: **Ms. Noelle Noonan, Ms. Suzannah O'Reilly,** Course Leaders
Tel: 061 293871 | **Email:** Noelle.Noonan@tus.ie
Suzannah.OReilly@tus.ie

What is this course about?
Print Contemporary Practice uses an expanded definition of printmaking to provide a broad range of printmaking-related learning experiences and activities that help students build skillsets and knowledge bases in the field of Printmaking and Contemporary Art. The student-centered programme curriculum emphasizes the importance of active engagement, experiential, and reflective learning for all stages.

Students are encouraged to build a foundation in various print processes and experiment with traditional methodologies as well as new emerging technologies relevant to contemporary printmaking, such as digital and lens-based media. The students have access to other areas of studio practices such as Laser cutting, 3D printing, 3D casting, moulding, and 3D building workshops on campus when developing their studio practices. Regular tutorials, group crits, lectures, and seminars are other learning strategies that help students cultivate substantial knowledge of printmaking and contemporary art.

The large and spacious print facilities provide a specialized working space for students to develop a wide range of printmaking skills in intaglio, relief, screen-print, lithography, and photolithography, and hybrid techniques.

What can I do after this course?
Graduates are encouraged to explore numerous exit pathways from the course. The course offers graduates transferable skills that are adaptable for the field of fine art, education, management, design, administration and cultural development.

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

Add-On

Sculpture and Combined Media

Bachelor of Arts (Honours) in Fine Art

Course Code: Add-on	**Course Level: 8**
Duration: 3-year specialisation following US800 First Year Art & Design (Common Entry)	
Clare Street Campus, Limerick	

Entry Requirements: Entry into Sculpture and Combined Media is by competition and selection during US800 First Year Art & Design (Common Entry)

Modules at a glance: Students will build their knowledge and skills in: 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).Armature making, large scale multi material drawing, tool making, statement writing, 3D printing, drawing, inflatable sculpture & peer-to-peer workshops, digital image formatting & studio management. Video editing/production, Video and Installation Art, Video Mapping, Stop-Motion Animation and Blue Screen Video Production. Public performance (elective) & collaborative practice. Additional skills in medium/ large format photography (elective) are offered. Public art, installation art, live art, professional practice, environmental art, stop motion animation, new media interventions, performance art. Opportunity to engage with the creative industries through Work Placement and international study on Erasmus. Successful completion of the final year modules leads to the BA degree exhibition.

Class Contact Hours: Initially 23 hours per week in Year 1; however, as the course progresses, the course of study becomes increasingly self-directed.

Other Information: Work Placement/Professional Practice/ Study Abroad in Year 3

Contact Details: **Mr. Michael McLoughlin, Ms. Caoimhe Kilfeather** Course Leaders
Tel: 061 293369 | **Email:** Michael.McLoughlin@tus.ie
Caoimhe.Kilfeather@tus.ie

What is this course about?
Sculpture and Combined Media 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.

The course is structured to respond to the changing nature of cultural production and incorporates the use and understanding of new media and materials. Public commissions are a significant aspect of this course, where students work actively on large-scale public art commissions with bodies such as the Limerick Civic Trust and the Emergency Services and on large scale cultural productions such as the collaboration with Fuerza Bruta, the Argentinian physical theatre event for City of Culture. The course also encourages students to look at how other traditional media such as film, theatre, dance and music relate to contemporary sculptural practice.

What can I do after this course?
This course equips students to work fluidly and fluently in a variety of sculptural, educational, curatorial, public and performative contexts.

Alumni are found working as practicing visual artists, in film and television, theatre set design, government administration, local cultural development, script writers, contemporary sound/interdisciplinary artists, art educationalists, teachers, researchers, and museum curators, in music production, occupational therapy, script writing, dance, arts administration and the commercial art business such as Sothebys.

Art and Design Teacher Education

Bachelor of Education (Honours) in Art and Design

Course Code: US801	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 945* *Points are a combination of Leaving Certificate results and Portfolio Assessment**
Clare Street Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

A Portfolio is also required. Applicants will be accepted to Year 1 of this 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.

Modules at a glance: 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.

Class Contact Hours: 25 hours per week, however this will vary in years 3 & 4 when students are on school placement.

Other Information: Portfolio Required | Work Placement | QQI FET/FETAC Applicants | Mature Applicants | Garda Vetting

Contact Details: **Ms. Barbara Geraghty, Ms. Edel Hogan**
Course Leaders
Tel: 061 293392 / 061 293390
Email: Barbara.Geraghty@tus.ie
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 Communication, Sculpture and Combined Media, Animation and Motion Design, Print 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.

While the course is predominately oriented toward preparing students to register with the Teaching Council of Ireland as Visual Art Teachers for second level, the course also qualifies individuals to enter into a wide variety of creative sectors as artists, designers, makers, curators, teachers, educators and mentors.

NOTE: 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.

What can I do after this course?
Register with the Teaching Council of Ireland. Career opportunities post-graduation include: 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. The teaching qualification is recognised internationally and provides career opportunities overseas. Successful graduates are also eligible to apply for postgraduate studies in Art and Design and/or Educational studies.

Interior Design

Bachelor of Arts (Honours)

Course Code: US811	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 300*** ***The presentation of a portfolio of work is also required.**
LSAD TUS George's Quay/Clare Street Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. A Portfolio is also required.

Modules at a glance: Design Studio Fundamentals, Draughting, Design Illustration & Graphics, Introduction to Materials & Finishes, Creative Practice, Critical & Contextual Studies. Digital Media & Communication, Digital Representation, Detailing & Material Application, Interior Technology & Regulation, Design Studio – Residential, Interior Surveying and Quantification, Final Project & Exhibition. Services & Regulation, Advanced Graphics & Communication, Contextual Design Studies, Preparation for Professional Placement, Design Studio – Commercial, Placement Practice or Exchange, Sustainability for Interior Design, Design Studio Hospitality, Conservation for Interior Design, Research Project, BIM for Interior Design, Design Seminars, Advanced Technology, Professional Studies, Project Management & Project Finance, User Centered Design, Studio Final Project, Exhibition.

Class Contact Hours: 18-24 hours per week, depending on the year.

Other Information: Portfolio Required | QQI FET/FETAC Applicants | Mature Applicants | Work Placement/Study Abroad in Year 3

Contact Details: **Ms. Sue Corcoran,** Course Leader
Tel: 061 293870 | **Email:** Sue.Corcoran@tus.ie

What is this course about?
This studio-based course consists of modules that are primarily assessed through design projects, coursework, and assignments. Course content is concerned with the study of interiors through analysis, research, and intervention. Through understanding the needs of the client, respecting the existing situation, and researching the specialised area, it allows the student to respond with relevant, innovative, and creative solutions.

The course uses the design project as the central vehicle for learning and aims to stimulate and provoke imaginative responses to the reuse of interior spaces. Projects address domestic, commercial, hospitality, community, social and user-specific interior briefs.

The first year starts with core foundation skills facilitating exploration and allowing students to develop a body of knowledge on approaches to interior spaces. As the course progresses, projects grow in complexity, and in some instances, students engage in live projects with community and charity organisations where they work with real-life clients and situations.

Collaborative and group work is used extensively alongside individual studio practice. Field trips, locally, nationally, and internationally run in conjunction with visiting lectures from designers in practice and industry, ensuring engagement and understanding of best practice and current trends in interior design.

Why take 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 is an embedded exit award included at Level 7 within the course (after successful completion of 3rd year).

What can I do after this course?
Graduate job opportunities include: Interior Design Consultancy (Domestic/Commercial), Interior Design Technician, 3D Modelling/Visualisation, Exhibition Design, Kitchen Design, Retail Design, Yacht Design, Set Design.

Creative Broadcast and Film Production

Bachelor of Science (Honours)

Course Code: US807	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 336**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: **Media Production** (Broadcasting, Audio, Film). **Post-Production and Graphics** (Editing/ VFX). **Narrative and Framing** (Photography/Cinematography, Screenwriting). **Professional Development** (Work Placement-Practice-Exchange, Digital Communications, Event Management). Students are offered a range of **Electives** 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.

Bachelor of Science

Course Code: US702	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 308**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Other Information: Work Placement/Practice/ Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Department of Digital Arts & Media**
Tel: 061 293000 | **Email:** Film.Midwest@tus.ie

What is this course about?
Creative Broadcast and Film Production is available through the CAO at Level 8 and Level 7 at TUS.

The course offers students the practical, creative and technical skills needed to pursue a career in the film, broadcasting, creative digital media and communication industries across new and traditional media platforms.

Features of the course:
- Hands on, industry led practice, techniques and skills taught by dedicated staff with strong industry and academic careers.
- Full Semester 'Media Production Work Placement, Practice, Exchange (Erasmus)' in Year 3.
- Unique in-house Production Unit offering work practice opportunities to students.
- Track record of award-winning student films (SMedias, First Frame DIFF, TFI SmarterTravel).
- Industry engagement opportunities - visiting lecturers, industry tours, film festivals, licensed radio station on campus (Wired FM).

Why take this course?
Students are offered academic and career progression as well as extensive hands-on media production industry training and craft skills. 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.

It is located at the heart of a rapidly expanding TV/ Film/Media Production industry in Ireland's Midwest region, offering employment and networking opportunities for students seeking work placement and graduates alike.

What can I do after this course?
This course prepares graduates for a wide range of career opportunities and roles such as producers, directors, camera operatives, sound engineers, lighting technicians, production designers, script writers, researchers, animators, editors, sound designers, event managers and more.

Graduates can continue to Masters and PhD studies, either in TUS or other institutes and universities and can explore related programmes through the Flexible Learning department at TUS.

Music Production and Technology

Bachelor of Science (Honours)

Course Code: US808	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 308**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: **Music & Audio Production:** Recording Studio & DAW based production skills, music theory & composition skills. **Performance:** the multiple approaches to music performance - studio, live, & interactive performance. **Event Technology:** Live sound reinforcement, lighting technology & design, visuals, and electronics, event planning & management. **Interactive Technology:** electronics, visual processing & manipulation, interactive audio/visual environments. **Professional Development:** research & presentation skills, project planning & management, legal considerations for the creative industries, music/creative industry awareness, development of a professional portfolio.

Bachelor of Science

Course Code: US703	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 281**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Other Information: Work Placement/Practice/Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Michael Gavin, Róisín Crowley,**
Course Leaders
Email: Michael.Gavin@tus.ie | Roisin.Crowley@tus.ie

What is this course about?
Music Production and Technology is available through the CAO at Level 8 and Level 7 at TUS.

This course is for students wishing to build a career in the music and audio production industry. Students learn to compose, produce and distribute music and audio for digital reproduction media. Students also develop the ability to create, engineer and promote music and audio-visual events using industry standard technologies and methods.

This practical course offers opportunities to experience a diverse range of professional roles in related industries through lectures, lab lectures, tutorials, practicals and workshops in all areas of music/audio production and live events. Our students have access to modern recording, production and theatre facilities, hands-on support from industry-experienced lecturers, and a huge range of equipment to facilitate self-directed learning.

The course produces graduates with the technical, creative and professional skills required by employers in the music and audio industries. Graduates possess a broad awareness of various industry roles and the experience required to take up employment on small or large-scale projects. They are confident self-starters who collaborate well with others in both technical and creative capacities.

Why take 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 have the knowledge and skills required for work in technical and creative environments, such as recording studios, live events, and video production. Roles include: 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.

–
Get involved in our university radio station – Wired FM! Along with MIC Limerick, we host a joint community interest radio station and each college broadcasts from its own studio. Broadcasting on 99.9FM during the academic year, it transmits over 40 hours of programming weekly. Follow Wired FM on Instagram to learn more.

Creative Media and User Experience Design

Bachelor of Science (Honours)

Course Code: US804	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 253**
Digital Campus Clonmel, Co. Tipperary	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: **Design:** Key design principles and tools. **Critical and Creative Thinking:** Critical thinking and problem-solving abilities to tackle design challenges and create innovative solutions. **Technical Skills:** Skills required for digital product design, web design, app design and many other careers. **Collaboration and Communication:** Engage in practical projects and enhance your communication skills to effectively work in multidisciplinary teams. **User Research:** Learn how and why people use digital products the way they do.

Bachelor of Science

Course Code: US701	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 154**
Digital Campus Clonmel, Co. Tipperary	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: Year 1: 24 hours per week | Year 2: 22 hours per week | Year 3: 20 hours per week | Year 4: 18 hours per week

Other Information: Work Placement in Year 3 | Optional Industry Based Internship in Year 4 | QQI FET/FETAC Applicants | Mature Applicants

Contact Details: **Dr. Caitríona Ní Chasaide,** Course Leader
Tel: 0504 28000 | **Email:** Caitriona.NiChasaide@tus.ie

What is this course about?
Creative Media and User Experience Design is available through the CAO at Level 8 and Level 7 at TUS Digital Campus, Clonmel.

This degree develops students' creativity, critical thinking, design, and technological skills. Students become adept at combining these skills to create digital solutions to user problems and to develop innovative digital products.

Theory comes alive through hands-on assessments that simulate real-world scenarios. All subjects are assessed exclusively through continuous assessments with an emphasis on practical assignments. Students have the opportunity of doing valuable work experience in both 3rd and 4th year of the course.

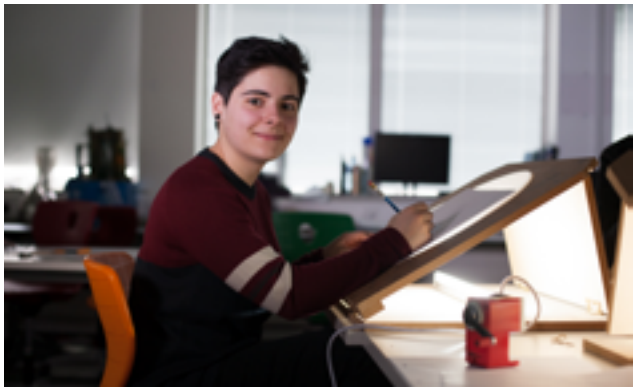
Graduates will thus have highly transferable skills that will make the graduate highly employable in a wide range of contexts and types of organisations. No previous knowledge of design or technology is required to successfully navigate this course.

Why take this course?
Creative Media and User Experience Design is suited to students who are interested in design and creative technologies and the potential that the dynamic fields of digital media offer. You will learn how technology and design can be used to create solutions to practical problems and develop your communication and critical thinking skills.

What can I do after this course?
Graduates will be highly employable in a range of creative and technological roles. Graduates work in a range of in-person and remote roles in local enterprises, public sector, and multinational companies.

Job opportunities for graduates include: User Experience Designer, Interaction Designer, User Interface Designer, Front End Web Developer, Augmented and Immersive Experience Designer, and Motion Graphic Designer, Digital Product Designer.

Digital Animation



Bachelor of Science (Honours)

Course Code: US805	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 662* *Points are a combination of Leaving Certificate results and Portfolio Assessment.**
Digital Campus Clonmel, Co. Tipperary	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. The presentation of a Portfolio of selected work or an interview and assessment is also required.

Modules at a glance: **Animation Production** 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 **Visual Development** we concentrate upon all aspects of drawing and illustration, from life drawing and layout to character and location design, and concept and background painting. **Studio** is where we concentrate upon filmmaking in both solo and groups. **Transversal Skills** is where we concentrate upon personal, professional and portfolio development.

Class Contact Hours: Year 1: 24 hours per week | Year 2: 24 hours per week | Year 3: 20 hours per week | Year 4: 18 hours per week

Other Information: Work Placement in Year 3 | Optional Industry Based Internship in Year 4 | QQI FET/FETAC Applicants | Mature Applicants

Contact Details: **Mr. Michael Kiely,** Course Leader
Tel: 0504 28452 | **Email:** Michael.Kiely@tus.ie

What is this course about?
The B.Sc. in Digital Animation develops animators' creative voices by blending traditional techniques with digital tools. On this course, students learn to hone their design skills, and to animate their concepts for animation. 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 and portfolio while training in the latest 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 allows students to gain valuable industry work experience.

Why take 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 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. Graduates can consider employment in the digital animation, television, gaming and digital media sectors.

Positions for graduates include: Character and Creature Animator, 2D Rigged Animator, 2D Effects Animator, 2D Rigger, Compositor, Scene Prep, Layout Artist, Storyboard Artist, Background and Environmental Artist, Production Designers, Art Direction, Animation Director.

Portfolio & Course Information Days @ TUS Clonmel

1st November 2023 | 18th January 2024

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

Toon Boom Center of Excellence

Game Art and Design

Bachelor of Science (Honours)

Course Code: US806	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 781* *Points are a combination of Leaving Certificate results and Portfolio Assessment.**
Digital Campus Clonmel, Co. Tipperary	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. The presentation of a Portfolio of selected work or an interview and assessment is also required.

Modules at a glance: There are five main streams of study: **Game Design,** 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. **3D Asset Creation** for real time, you will learn how to create compelling and immersive interactive game worlds, characters and creatures. **Coding**, 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. **Game Production**, working on solo and team projects you will design and develop your own 2D and 3D games. **Transversal Skills** is where we concentrate upon personal, professional and portfolio development.

Class Contact Hours: 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

Other Information: Work Placement in Year 3 | Optional Industry Based Internship in Year 4 | QQI FET/FETAC Applicants | Mature Applicants

Contact Details: **Mr. Richard Gavin,** Course Leader
Tel: 0504 28490 | **Email:** Richard.Gavin@tus.ie

What is this course about?
If you are interested in learning how to create beautiful and engaging games, this is the course for you. You will learn how to design and develop high quality, interactive 2D and 3D game and real-time experiences. You will work with industry leading content creation tools, scripting languages and game engines.

In addition to developing your artistic skills, you will acquire the technical skills to produce compelling interactive 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 help you develop the knowledge and skills required to work in the games and related sectors as a digital artist, content creator or game designer. A Work Placement in Year 3 and optional industry based internship in Year 4 allow students to gain valuable industry work experience.

Why take this course?
This course is suited to individuals with an artistic ability who wish to work in the games and related sectors, as digital artists, content creators and designers by combining their artistic creativity with technical know-how.

What can I do after this course?
This course produces graduates with an excellent knowledge and understanding of how to design and develop high quality, games, interactive 3D art and real-time experiences and who can work with industry leading content creation tools, scripting languages and game engines. Past graduates work for Games and VR companies both nationally and internationally.

The combination of creative, design and technical skills on the course will ensure you are a versatile graduate who can fulfil more than one role in any organisation, thus making you highly employable in the industry.

Portfolio & Course Information Days @ TUS Clonmel

1st November 2023 | 18th January 2024

Visual Effects for Film, TV and Animation

Bachelor of Science (Honours)

Course Code: US810	**Course Level: 8**
Duration: 4 years	**CAO Points: New* *Points are a combination of Leaving Certificate results and Portfolio Assessment.**
Digital Campus Clonmel, Co. Tipperary	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. The presentation of a Portfolio of selected work or an interview and assessment is also required.

Modules at a glance: There are four main streams of study: **3D Asset Creation,** 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. **3D Animation and VFX,** you will learn the fundamentals of 3D animation as well as FX animation e.g. water fire, magic, destruction. **CG Filmmaking and Compositing,** 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. **Transversal Skills** is where we concentrate upon personal, professional and portfolio development.

Class Contact Hours: Year 1: 24 hours per week | Year 2: 22 hours per week | Year 3: 20 hours per week | Year 4: 18 hours per week

Other Information: Work Placement in Year 3 | Optional Industry Based Internship in Year 4 | QQI FET/FETAC Applicants | Mature Applicants

Contact Details: **Mr. Richard Gavin,** Course Leader
Tel: 0504 28490 | **Email:** Richard.Gavin@tus.ie

What is this course about?
Are you interested in learning how to create the latest Visual Effects you see in Film, TV, and adverts? On this course you will learn how to create and develop high quality digital content for the visual effects and 3D animation industry.

This course is designed to develop your artistic and technical ability to produce world-class 3D content so that you can work in the VFX and 3D animation industry as artists, content creators and designers for film, TV and animation both nationally and internationally.

Why take this course?
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) and Screen Scene (Captain Marvel, Game of Thrones).

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, TV or animation industry as VFX artists, 3D content creators and designers by combining their artistic creativity with technical know-how. If you want to learn movie industry leading content creations tools, techniques and workflows, this is the course for you.

What can I do after this course?
Ireland's Film and Animation sectors are booming. National and international growth has created a real need for creative graduates who possess a unique blend of artistic and technological skills.

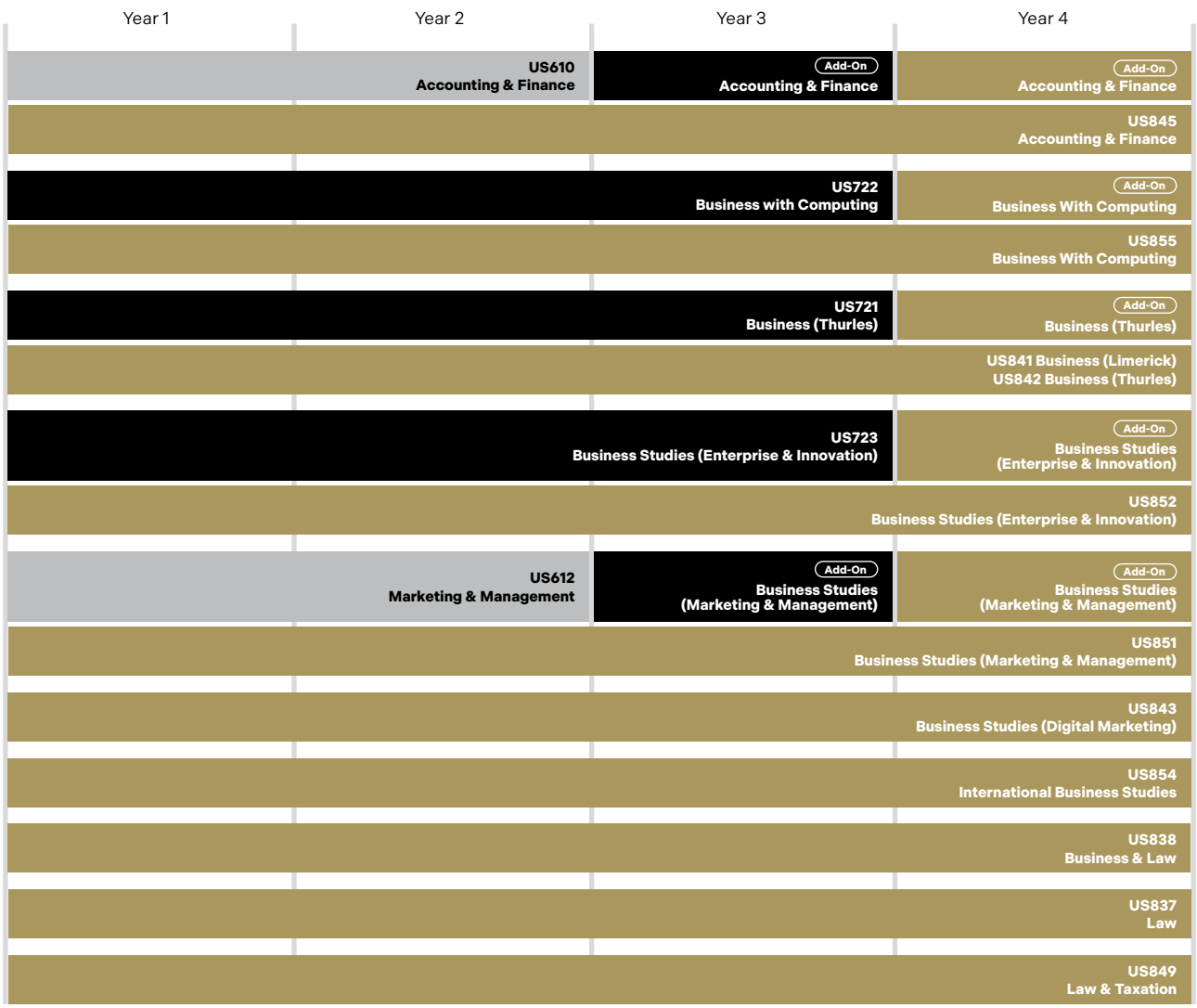
Graduates will have a range of industry ready skills that make them highly employable across TV, feature film, media and social media, including a variety of roles such as: Creature/ Character Animators, Lighting, Rigging, Effects, Look Development, Texture Artist, Layout, Compositing, Production Management, Creature Modeller, Character Designer, Matte Painting, Concept Art, Technical Director, FX Artists.

Portfolio & Course Information Days @ TUS Clonmel

1st November 2023 | 18th January 2024

Business

Scan the QR code to read more about our Business Courses



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

US855 Business with Computing
Bachelor of Business (Honours) Ab Initio

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

US843 Business Studies (Digital Marketing)
Bachelor of Business (Honours) Ab Initio

US852 Business Studies (Enterprise & Innovation)
Bachelor of Business (Honours) Ab Initio

US851 Business Studies (Marketing & Management)
Bachelor of Business (Honours) Ab Initio

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

US837 Law
Bachelor of Laws (Honours) Ab Initio

US849 Law and Taxation
Bachelor of Business (Honours) Ab Initio

Level 7 Courses

US721 Business
Bachelor of Business – Thurles

US722 Business with Computing
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)

Course Code: US845	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 350**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: In Year 1, on 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.

Higher Certificate in Business

Course Code: US610	**Course Level: 6**
Duration: 2 years	**2023 CAO Points: 344**
Moylish Campus, Limerick	

Progression to Level 7 & 8 Add-on: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: 20-25 hours per week depending on the year.

Other Information: Work Placement / Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants | Recognised by professional accountancy bodies

Contact Details: **Mr. Michael Sheehan,** Course Leader
Tel: 061 293329 | **Email:** Michael.Sheehan@tus.ie

What is this course about?
Accounting and Finance is available through the CAO at Level 8 and Level 6 at TUS Moylish campus.

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 take 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 will find career opportunities in some of the following areas: Finance functions in Financial Services, Funds Administration, Banking, Insurance, Consultancy, Accountancy, Taxation, Audit, Corporate Finance, and Insolvency. Subject to completion of a Professional Master of Education, a graduate could qualify as a Secondary Teacher specialising in the teaching of Accounting and Business. Graduates of the Level 8 course have an excellent record of achieving training positions at leading firms such as PWC, Deloitte (DTTL), EY Ireland (Ernst & Young), Grant Thornton, BDO, Bank of Ireland, Revenue, BNY Mellon and Northern Trust among others.

Graduates of the Level 6 course can progress to an add-on Level 7 degree and add-on Level 8 honours degree at TUS, or seek job opportunities in accounting and finance roles.

Business

Bachelor of Business (Honours)

Duration: 4 Years	**Course Level: 8**
US841 (Limerick) **2023 CAO Points: 339**	**US842 (Thurles)** **2023 CAO Points: 243**

Moylish Campus, Limerick
Thurles Campus, Co. Tipperary

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: 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 Resources Management, Enterprise Systems & Software.

Bachelor of Business

Course Code: US721	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 233**
Thurles Campus, Co. Tipperary	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: **Year 1:** 24 hours per week.
Year 2, 3, 4: 18 hours per week

Other Information: Work Placement / Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Ms. Jessica Dalton,** Course Leader, Limerick
Tel: 061 293000 | **Email:** Jessica.Dalton@tus.ie

Ms. Fiona Browne, Course Leader, Thurles
Tel: 0504 28000 | **Email:** Fiona.Browne@tus.ie

What is this course about?
Business is available through the CAO at Level 8 at Moylish (Limerick) and Thurles campuses, and at Level 7 at Thurles campus.

Our Business degrees will provide students with a deep knowledge of key business disciplines such as management, marketing and finance and the relationships between them. In conjunction with the theoretical understanding of business concepts, the course aims to provide students with a wide range of applied and analytical competencies such as problem solving, research and inquiry, use of technology, interpersonal communication, decision-making and group work theory and application. This combination of knowledge and skills ensures graduates understand the modern world of business which greatly enhances their opportunities for employment.

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. A full semester of work placement in Year 3 gives students an opportunity to gain valuable industry experience. On completion of the course, 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 take 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. Highly skilled, industry-experienced lecturers, using an applied and practical approach, deliver on all modules in a supportive, friendly environment.

What can I do after this course?
Graduates of Business will be well positioned to pursue a career in many business-related areas such as Business and Administration, Accounting, Finance (including Banking and Insurance), Marketing, Management Consultancy, Human Resource Management, Project Management, Analytics, Database and Technology Manager, Sales Management, Entrepreneurship, Teaching (on completion of further study).

Business Studies (Marketing and Management)

Bachelor of Business (Honours)

Course Code: US851	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 270**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: You will study a full range of business subjects and you will have the option to find the areas of business that most interest you and focus your studies on those areas as you progress through this degree.
First year modules include: Live Business Project, Principles of Marketing & Management, Web Design & Implementation, Selling Techniques, Enterprise Development, Business Technology & Interactive Apps, Innovation & Creativity.
No previous knowledge of business subjects is required, all modules are taught from scratch on the Level 8 & Level 6 courses.

Higher Certificate in Business

Course Code: US612	**Course Level: 6**
Duration: 2 years	**2023 CAO Points: 308**
Moylish Campus, Limerick	

Progression to Level 7 & 8 degrees: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: 18-24 hours per week depending on the year.

Other Information: Work Placement / Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Business & Humanities Faculty Office**
Tel: 061 293857 | **Email:** BusinessandHumanities@tus.ie

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. Benefit from small class sizes 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 also choose 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.

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.

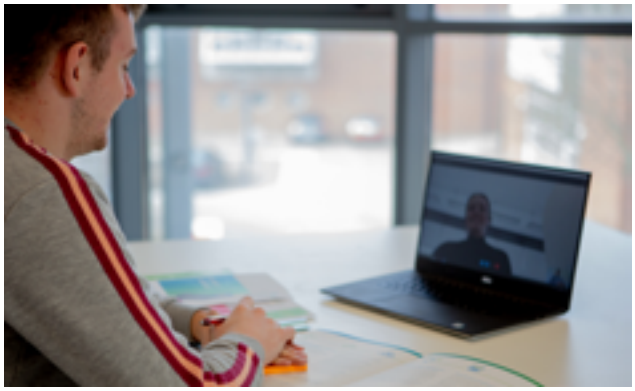
Why take this course?
Marketing and Management is suitable for people who have an interest in local and global careers as a Marketing Manager, Digital Marketer, Brand Manager, Advertising/ PR Executive and Retail Manager. This modern course prepares students for employment at management level in a broad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

What can I do after this course?
Graduates will possess the necessary 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 Strategic Management and Marketing and our MSc in Digital Marketing.

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 (Digital Marketing)



Bachelor of Business (Honours)

Course Code: US843	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 260**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: You will study a full range of business subjects alongside a stream of dedicated Digital Marketing modules.

First and second year modules include: Introduction to Digital Marketing, Influencer Marketing, Live Business Project, Principles of Marketing & Management, Content Marketing, Web Design & Implementation, Selling Techniques, Business Technology & Interactive Apps.

No previous knowledge of business or digital marketing subjects is required, all modules are taught from scratch.

Class Contact Hours: 18-24 hours per week

Other Information: Work Placement / Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Business & Humanities Faculty Office**
Tel: 061 293857 | **Email:** BusinessandHumanities@tus.ie

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 BBus degree covers all the skills you need to grow the digital career path you want to follow in life. Create practical, hands-on digital plans, apps and projects from day one. Enjoy a full semester of work placement in Year 3 and continue working over the summer if you choose.

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 take 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 Web Site Designer, Human Resource Management, International Public Relations and Advertising.

Successful graduates are also automatically eligible to join our Master of Business in Strategic Management and Marketing and our MSc in Digital Marketing.

Business Studies (Enterprise & Innovation)

Bachelor of Business (Honours)

Course Code: US852	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 259**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: You will study a full range of business subjects alongside a stream of dedicated Enterprise & Innovation modules.

Modules on the Level 8 & Level 7 degrees include: Enterprise Development, Live Business Project, Innovation & Creativity, Family Business Management, Principles of Marketing & Management, Web Design & Implementation, Small and Medium-Sized Business Finance, Selling Techniques.

No previous knowledge of business subjects is required, all modules are taught from scratch.

Bachelor of Business

Course Code: US723	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 176**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: 18-24 hours per week depending on the year.

Other Information: Work Placement / Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Business & Humanities Faculty Office**
Tel: 061 293857 | **Email:** BusinessandHumanities@tus.ie

What is this course about?
Business Studies (Enterprise and Innovation) is available through the CAO at Level 8 and Level 7 at TUS.

Do you want to be a creative innovator, working for yourself or within cutting-edge new industries? Do you want to start your own business or develop a family business?

Learn Entrepreneurship by doing Entrepreneurship on a BBus 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.

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 take 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 Ecological Entrepreneurship, Digital Entrepreneurship, Intrapreneur/Corporate Entrepreneur, Business Development Manager, Innovation and Change Manager, Digital Start-Up Advisor, and Creative Consultant. Successful graduates of of the Level 8 honours degree are also automatically eligible to join our Master of Business in Strategic Management and Marketing and our MSc in Digital Marketing.

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)

Course Code: US854	**Course Level: 8**
Duration: 4 years	**CAO Points: 299**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 and 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: You will study a full range of business subjects alongside streams of dedicated International, Language (French) and Culture modules.

First and second year modules include: The Making of a Global Economy, Live Business Project, The Multi-Cultural Team, Language & Culture, Principles of Marketing & Management, Web Design & Implementation, Selling Techniques, Cultural Concepts.

No previous knowledge of business subjects is required, all modules are taught from scratch.

Class Contact Hours: 18-24 hours per week depending on the year.

Other Information: Work Placement / Study Abroad in Year 2 & 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Business & Humanities Faculty Office**
Tel: 061 293857 | **Email:** BusinessandHumanities@tus.ie

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.

Cultural awareness is a must in today's multi-cultural work environment and the course includes modules that look at the challenges and advantages of working with different cultures. You will learn the mechanisms that will allow you to communicate and interact effectively across cultures thereby avoiding the misunderstandings that frequently occur when conducting business in culturally diverse settings.

Why take 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 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.

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?
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.

Successful graduates of this degree are also automatically eligible to join our Master of Business in Strategic Management and Marketing and our MSc in Digital Marketing.

Business with Computing

Bachelor of Business (Honours)

Course Code: US855	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 306**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: Students on the Level 8 & Level 7 degrees will study a variety of modules from each of 7 streams: Management, Finance, Marketing, Business Operations, Databases and Analytics, Web Programming, Professional Development, including Work Placement.

Bachelor of Business

Course Code: US722	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 270**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: **Year 1:** 24 hours per week
Year 2: 24 hours per week **Year 3:** 22 hours per week
Year 4: 20 hours per week

Other Information: Work Placement / Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Ms. Ciara Staunton,** Course Leader
Tel: 061 293857 | **Email:** Ciara.Staunton@tus.ie

What is this course about?
Business with Computing is available through the CAO at Level 8 and Level 7 at TUS Moylish campus.

Business with Computing is a hybrid degree which aims to provide students with a combination of the knowledge and skills required to effectively conduct business, while maximising the use of business IT systems. The importance and continuing growth in business analytics has created a demand for qualified graduates in this area, and the hybrid of business and business-related technology in this course will equip students with the skills required to meet the ongoing needs of business in a technology enabled world.

There are 7 core streams running through the course. These include 4 core business streams, professional development and 2 unique technical streams, which will provide students with the understanding and competence to effectively implement and manage technology to better enhance the functioning of a business.

These will include modules in areas such as: Management Principles, Cost and Management Accounting, Marketing Communications, Customer Relationship Management, Business and Technology Law, Micro and Macro Economics, Organisational Behaviour, Web Development, Databases, Business and Data Analytics, Digital Marketing, Enterprise Resource Planning, Human Resource Management, Communications, Business Problem Solving, Workplace Readiness and Research.

Why take this course?
This course will suit those who are interested in a career in business, having developed expertise in both the core business functional areas and the technologies and analytics which have become fundamental to business success. The active learning throughout the course and the 6-month work placement in third year, help to ensure students have a true understanding of business functions, challenges and technologies and are well positioned to take up roles in general business and/or business computing on completion.

What can I do after this course?
With the comprehensive business, analytical and technological skills developed throughout the four years, graduates will be very well equipped to work in a variety of business roles such as analytics, digital marketing, accounting, enterprise systems and general business functions.

Business and Law

Bachelor of Business (Honours)

Course Code: US838	**Course Level: 8**
Duration: 4 years	**CAO Points: New**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: Legal Skills, The Irish Legal System, Tort Law, Financial Accounting, Business Mathematics, Contract Law, Computer Applications, European Union Law, Criminal Law, and Equity Law.

Other Information: Optional Study Abroad | Scan the QR code for a full listing of modules offered on this course.

Contact Details: **Faculty Office,** Business & Humanities
Tel: 061 293857 | **Email:** BusinessAndHumanities@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.

Why take 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. 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 programme may progress to a range of postgraduate studies.

Law

Bachelor of Laws (Honours)

Course Code: US837	**Course Level: 8**
Duration: 4 years	**CAO Points: New**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 and 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: Legal Skills, The Irish Legal System, Tort Law, Legal Technology, 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.

Other Information: 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. This course has a mandatory work placement. Scan the QR code for a full listing of modules offered on this course.

Contact Details: **Faculty Office,** Business & Humanities
Tel: 061 293857 | **Email:** BusinessAndHumanities@tus.ie

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. The course crosses over with Business and Law in the first two years, in order to ensure students gain the skills needed to run a business, whether this is a legal practice or an entrepreneurial start up. Students will develop research, reasoning and people skills to a high level, and gain a qualification that is future proofed for the modern world of work in a variety of settings and grounded in commercial reality. Work placement offers a chance to test these skills in the real world.

Why take 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, and allow 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 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, that will enable them 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. Students can also progress to further postgraduate study, such as Masters degrees in a range of disciplines or PhD study.

Law and Taxation

Bachelor of Business (Honours)

Course Code: US849	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 318**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 and 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: You will study the following modules among others: Contract Law, Tort Law, Family Law, Criminal Law, Personal Tax Practice, Corporate Tax Practice, Capital Acquisitions Tax, Accounting, Economics, Work Placement.

Class Contact Hours: 18-25 hours per week depending on the year.

Other Information: Work Placement/Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Mr. Tim Galvin,** Course Leader
Tel: 061 293325 | **Email:** Tim.Galvin@tus.ie

What is this course about?
This Level 8 honours degree aims to provide students with an education in both law and taxation and present the many interrelationships between the two disciplines. Taxation is taught from a practical applied viewpoint and as a branch of law with emphasis on legal principles. The course provides knowledge and understanding of essential business concepts and is designed to reflect the increasing alignment of the law profession with the world of business. Historically, the disciplines of law and business have been closely associated. In our global economy, businesses now deal with more complex legal and taxation issues, whereas the law has had to deal with constantly evolving commercial undertakings and business practices. Students will develop the communications, interpersonal and critical thinking skills necessary to become an effective professional in the law, tax and related areas.

On successful completion of the course, graduates will be equipped with the knowledge and skills necessary to become effective problem solvers and decision-makers, thereby offering employers in both the public and private sectors a range of skills and expertise that is fundamental to the success of businesses operating in today's increasingly competitive and global economy.

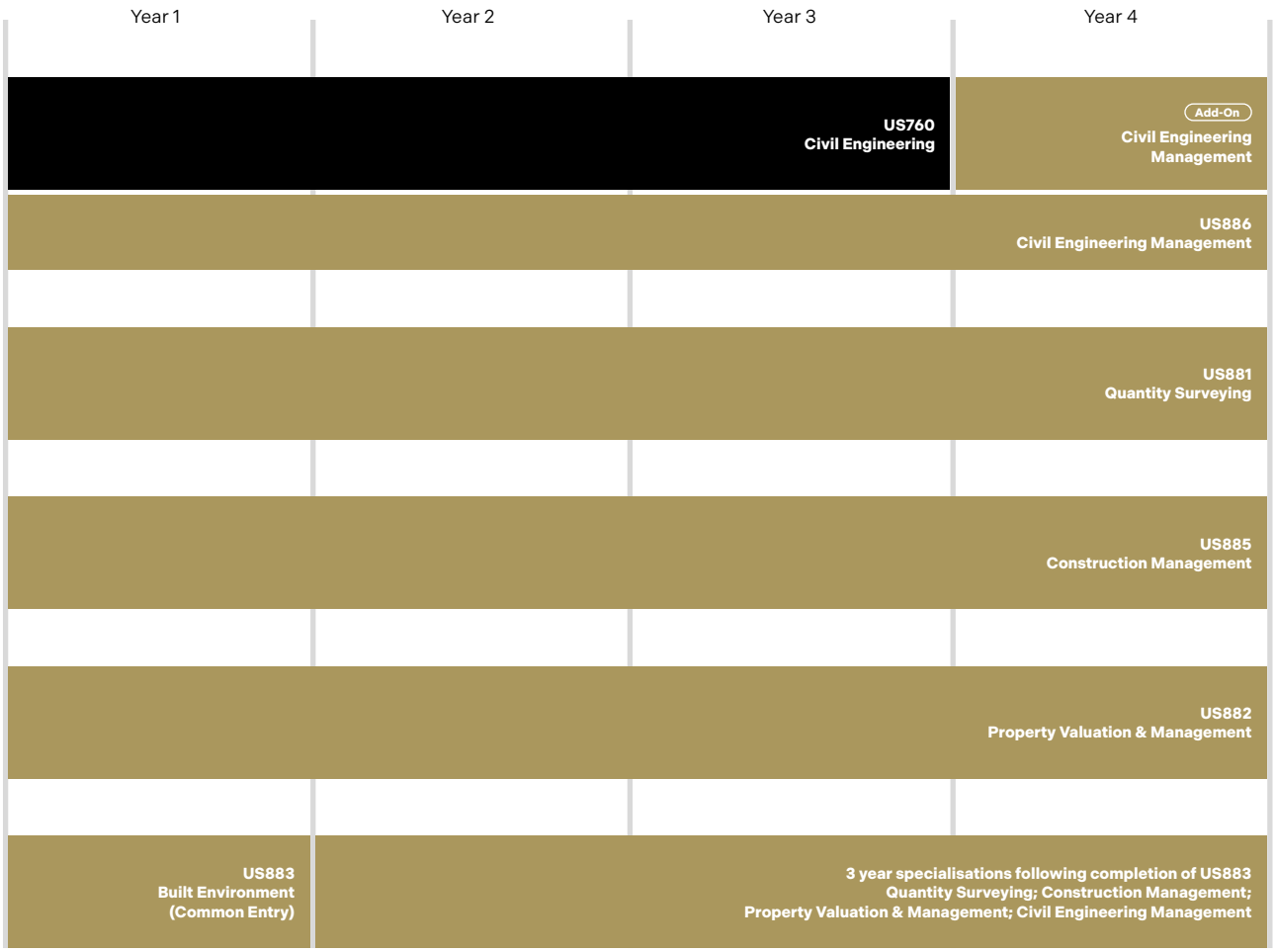
This course with its Law, Taxation and Business pillars opens a world of opportunities to graduates. The course has been awarded Group 1 status from the Irish Taxation Institute. This entitles graduates to claim exemptions from all papers in Part 1 of the Institute's suite of examinations on route to becoming a Chartered Tax Adviser (CTA). The course also covers all subjects to prepare graduates sitting entrance exams to the Law Society of Ireland.

Why take this course?
The degree combines two important aspects of the global economy, law and business, providing you with great flexibility in your future career. If you want to practice law, you can do so with a sound foundation in the principles of good business. Alternatively, if you want to go into business you can do so with the thinking and analytical skills that come with a law degree. As a graduate, you will uniquely be equipped with a comprehensive range of relevant skills to assist you succeed in the legal, taxation and business fields. A full semester of work placement in Year 3 provides students with valuable industry work experience.

What can I do after this course?
On successful completion of the course, you will have gained the competency to demonstrate an in-depth understanding of the theories, concepts and methods pertaining to the law and taxation fields of business. Employment opportunities are available as Trainee Tax Advisor, Trainee Solicitor, Regulatory Body Staff, Insurance Claims Assessor, Law Clerk/Legal Researcher, HR Administrator.

Construction and Built Environment

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



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

Craft Apprentice Courses

SOLAS Apprenticeships at TUS
Carpentry & Joinery

Built Environment (Common Entry)*

*** This is a one year common entry course**

Bachelor of Science (Honours)

Course Code: US883	**Course Level: 8**
Duration: 1 year with progression to Year 2 of the current Level 8 honours degree courses in the Department of the Built Environment	**2023 CAO Points: 334**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: Built Environment Law, Engineering Surveying, Construction Technology, Engineering Mathematics, Economics for Construction & Property Specialists, Services, Sustainability & Environment, Research & Technical Skills, Introduction to Built Environment Studies.

Class Contact Hours: 22 hours per week approx.

Other Information: QQI FET / FETAC Applicants | Mature applicants

Contact Details: **Liam Daly,** Course Leader,
Tel: 061 293311 | **Email:** Liam.Daly@tus.ie

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 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 the Built Environment.

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

Civil Engineering Management

Bachelor of Science (Honours)

Course Code: US886	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 349**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: Students will build their knowledge and skills through a range of modules in the following streams: Management topics: Project Management, Economics, etc. Core Civil Engineering topics: Structures, Surveying, Materials, etc., I.T. & 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.

Class Contact Hours: 20 hours per week

Other Information: Work Placement in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Mr. Peter Armstrong,** Course Leader, **Tel:** 061 293350 | **Email:** 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 waste water 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 (Associate Level).

Why take 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: Site Engineering, Civil Project Management, Civil Engineering Contracting.

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

Course Code: US760	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 243**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)
Civil Engineering Management

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: 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.

Class Contact Hours: 17–23 hours per week

Other Information: Work Placement in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Mr. Michael O'Shea,** Course Leader
Tel: 061 293310 | **Email:** 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 take 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?
Civil Engineers are in great demand and 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 may also progress to the Level 8 honours degree in Civil Engineering Management in TUS to further their studies.

Construction Management

Bachelor of Science (Honours)

Course Code: US885	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 280**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: 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.

Class Contact Hours: 20 hours per week

Other Information: Work Placement in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **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 year-long 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).
- Accredited by Chartered Association of Building Engineers (CABE).
- Accredited by Engineers Ireland.

Why take 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 of this course are in very high demand and are employed in management roles across the construction industry sector.

On successful completion of this course, careers for graduates include: Site Engineering, Site Management, Construction and Project Management, Contract Management, Quality Management. Our Construction Management work placement students and graduates have found work with Sisk, Coffey Construction, John Paul Construction, PJ Hegarty, BAM, Aecom and Jacob International.

–
Construction Open Day

Moylish Campus, Limerick
12th December 2023

Property Valuation and Management

Bachelor of Science (Honours)

Course Code: US882	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 337**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: Students will build their Property Valuation & 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.

Class Contact Hours: 20 hours per week

Other Information: Work Placement in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **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.

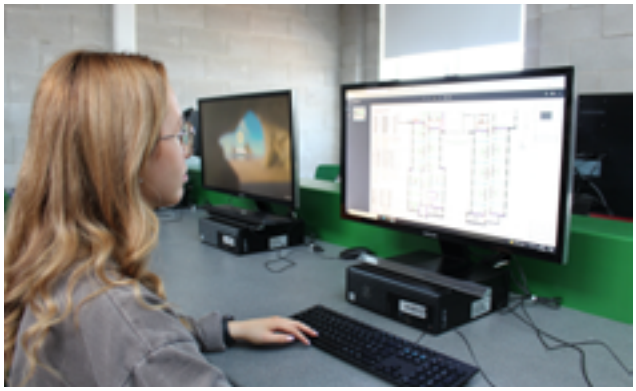
This degree is fully accredited by the Society of Chartered Surveyors Ireland (SCSI) and has international recognition through the Royal Institution of Chartered Surveyors (RICS). The course meets the minimum educational requirements required to work as a property services provider under the Property Services (Regulation) Act 2011.

Why take this course?
The broad-based nature of the career opportunities available to property graduates makes it difficult to answer this question. 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 include: Estate Agent, Auctioneer, Chartered Surveyor, Property Valuer, Property Manager, Property Consultant, Residential or Commercial Agent. Graduates have also gained employment in Local Authorities, Regeneration Agencies and Voluntary Housing Organisations.

Some graduates work for CBRE, Jones Lang LaSalle, Lisney, Savills, Sherry Fitzgerald, Bord Gais Eireann, and Local Authorities. (Planning and Housing departments).

Quantity Surveying



Bachelor of Science (Honours)

Course Code: US881	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 304**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: Students will build their knowledge and skills through a range of modules in the following streams: Measurement and Cost Modelling of Construction Projects, Construction Technology & Services, Legal & Management Issues relating to Construction Projects, Economics and Costing of Construction, IT & Research Skills, Work Placement.

Class Contact Hours: 17–23 hours per week

Other Information: Work Placement in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **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 course 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).
- Accredited by Chartered Institute of Building (CIOB).
- Accredited by the Institute of Civil Engineering Surveyors (ICEQS).

Why take 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?
Recent findings indicate that there will be a substantial deficit of surveyors in the construction and property industry to meet the predicted future demand for the construction sector in Ireland.

Job opportunities for graduates include: Quantity Surveyor, Development Manager, Project Monitor, Environmental Cost Manager, Project Manager, Employers Agent, Safety Co-Ordinator/Project Supervisor Design Stage. Graduates can also undertake roles as an Arbitrator / Mediator / Adjudicator in dispute resolution and as a Public Procurement Advisor.

Solas Apprenticeships

At the Department of the Built Environment

Which Built Environment Apprenticeships can I do at TUS?
Carpentry and Joinery. The purpose of this course is to supplement the training given onsite, through related theory and practice.

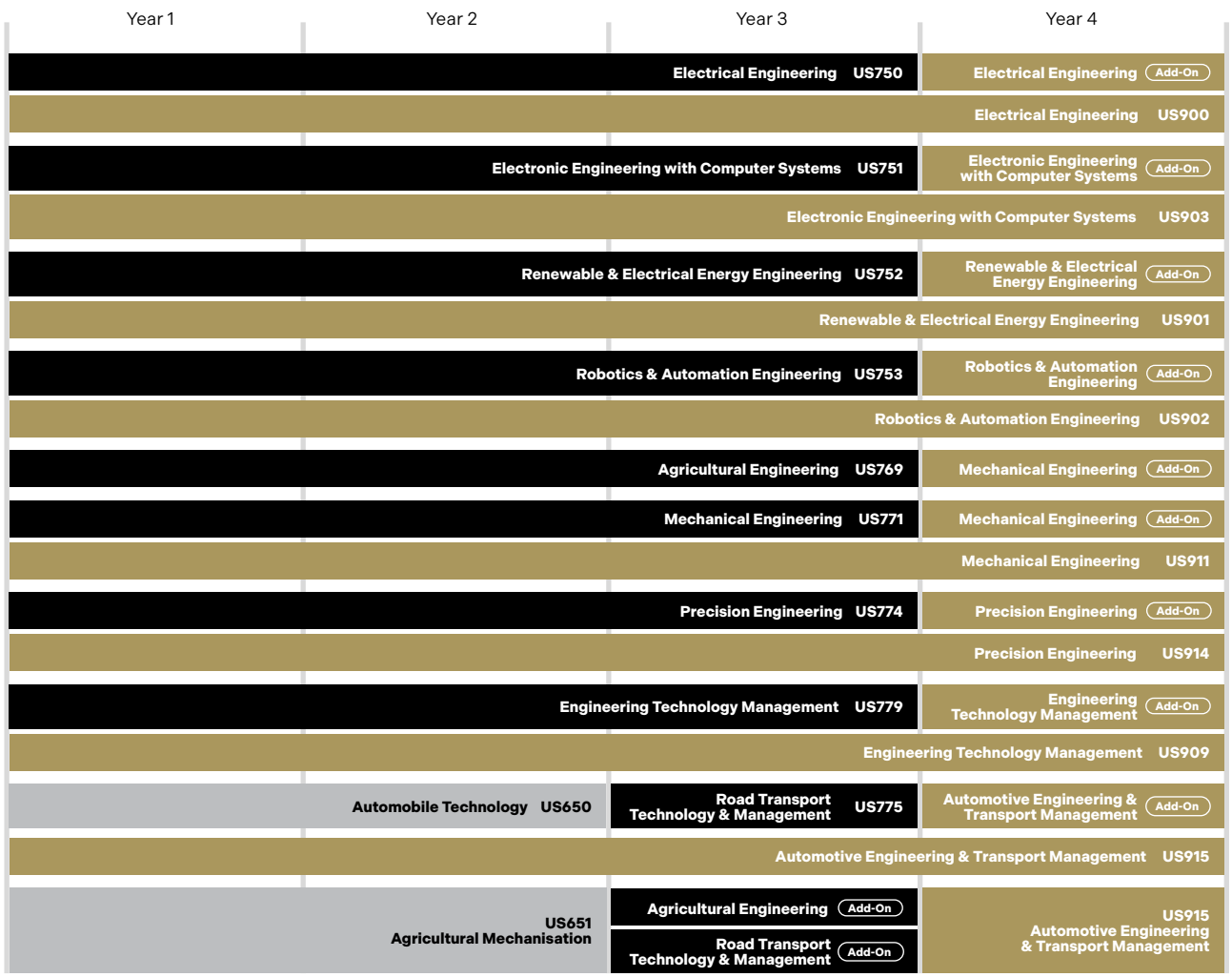
Duration
Approximately four years under the new apprenticeship scheme and is structured in seven distinct phases. Under this scheme, all apprentices attending Phases 4 and 6 will do so at a designated Institute scheduled by SOLAS.

Contact Details: All apprentices are scheduled for attendance by SOLAS by whom they are registered. All enquiries, therefore, should be made directly to SOLAS.

Solas Limerick | **Tel:** 061 487915
Solas Dublin | **Tel:** 01 6070500

Engineering

Scan the QR code to read more about our Engineering Courses



Courses and Progression

Level 8 Courses

US915 Automotive Engineering & Transport Management
Bachelor of Engineering (Honours) Ab Initio

US900 Electrical Engineering
Bachelor of Engineering (Honours) Ab Initio

US903 Electronic Engineering with Computer Systems
Bachelor of Engineering (Honours) Ab Initio

US909 Engineering Technology 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

US901 Renewable & Electrical Energy Engineering
Bachelor of Engineering (Honours) Ab Initio

US902 Robotics & Automation Engineering
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

US779 Engineering Technology Management
Bachelor of Engineering

US771 Mechanical Engineering
Bachelor of Engineering

US774 Precision Engineering
Bachelor of Engineering

US752 Renewable & Electrical Energy Engineering
Bachelor of Engineering

US775 Road Transport Technology & Management
Bachelor of Engineering

US753 Robotics & Automation Engineering
Bachelor of Engineering

Level 6 Courses

US651 Agricultural Mechanisation
Higher Certificate in Engineering

US650 Automobile Technology
Higher Certificate in Engineering

Agricultural Mechanisation

Higher Certificate in Engineering

Course Code: US651	**Course Level: 6**
Duration: 2 years	**2023 CAO Points: 224**
Moylish Campus, Limerick & Salesian Agricultural College, Pallaskenry, Co. Limerick	

Progression to Level 7: Yes - Agricultural Engineering (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.
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.

Modules at a glance: Tractor Engineering & Workshop Processes, Electrical & Electronic Technology, Machinery Operations, Agricultural Engineering Science & Maths, Computer Applications including CAD, Project. Industrial Placement, Intermediate Tractor Engineering, Business Management, Workshop Administration, Computing Agricultural Engineering.

Class Contact Hours:
9 hours of class, 18 hours of practical per week

Other Information: Work Placement – 30 weeks | QQI FET/FETAC Applicants | Mature Applicants

This award meets the training requirements for stamp duty exemption and DAFM schemes.

Contact Details: **Mr. Colm Egan,** Course Leader
Tel: 061 393100 | **Email:** Colm.Egan@pallaskenry.com
Web: www.pallaskenry.com
FTMTA companies: www.ftmta.ie

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 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

Why take 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 to 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 (Add-on)

Bachelor of Engineering

Course Code: Add-on | **Course Level: 7**

Duration: 1 year add-on degree following on from Level 6 Higher Certificate US651

Moylish Campus, Limerick & Salesian Agricultural College, Pallaskenry, Co. Limerick

Entry Requirements: (1) A pass in the Higher Certificate in Engineering in Agricultural Mechanisation. (2) An equivalent qualification to the Higher Certificate in Engineering in Agricultural Mechanisation with appropriate pre-requisite subjects.

Modules at a glance: Material & Mechanics, Engineering Mathematics, Agricultural CAD & Design, Hydraulics, Control & Diagnostics on Agricultural Tractor & Machines, Agricultural Tractor Systems & Technology, Mobile Hydraulics, Individual Project.

Class Contact Hours:
22 hours per week

Other Information: Apply directly to TUS
Email: admissions.midwest@tus.ie

Contact Details: **Mr. Tadhg Brosnan,** Course Leader
Tel: 061 393100 | **Email:** Tadhg.Brosnan@pallaskenry.com

What is this course about?
This course provides students with the understanding and knowledge that is involved in design, manufacture, hydraulics, tractor engineering and electrical technology widely used in the machinery industry.

It focuses on the practical aspects of Agricultural Engineering such as modern electrical diagnostics techniques, the workings and repair of modern engines and transmissions. This is backed by subjects in machine design, material selection and hydraulics giving graduates the skills and technical ability to cope effectively with the rapidly changing technologies that are a feature of the farm machinery industry. The course is taught with a practical and hands-on approach, giving students the required education and training needed for a career in the farm machinery industry.

This course is run in conjunction with the Salesian Agricultural College, Pallaskenry, Co. Limerick. The delivery of the course is split evenly between the two campuses.

Why take this course?
This course is largely directed at students with an interest in Agricultural Engineering who want to build on previous knowledge and advance their skills and knowledge in the farm machinery industry.

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.

Agricultural Engineering

Bachelor of Engineering

Course Code: US769	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: New**

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.
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.

Modules at a glance: Students take a range of modules across the following areas: Tractor Engineering & Workshop Processes, Electrical & Electronic Technology, Machinery Operations, Agricultural Engineering Science & Maths, Computer Applications including CAD, Project. Industrial Placement, Intermediate Tractor Engineering, Business Management, Workshop Administration, Computing Agricultural Engineering, Material & Mechanics, Engineering Mathematics, Agricultural CAD & Design, Hydraulics, Control & Diagnostics on Agricultural Tractor & Machines, Agricultural Tractor Systems & Technology, Individual Project.

Class Contact Hours: **Year 1**: 26 hours per week, **Year 2:** 24 hours per week, **Year 3:** 20 hours per week.

Other Information: Work Placement – 30 weeks | QQI FET/FETAC Applicants | Mature Applicants
This award meets the training requirements for stamp duty exemption and DAFM schemes.

Contact Details: **Mr. Niall Enright,** Course Leader
Tel: 061 293000 | **Email:** Niall.Enright@tus.ie

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 with 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 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

Why take 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)

Course Code: US915	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 353**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: Students will build their knowledge and skills through a range of modules, including: Automobile Vehicle Technology (electrical & mechanical), Engineering Maths & Science, Computing, Vehicle Retail Management, CAD. Heavy Vehicle Technology, Logistics Management, Road Transport & Fleet Operations, Transport Safety Management, Management Science, Work Placement (full semester). Automotive Materials, Process Statistics, Transport Engineering Management, Decision Modelling, Research Project.

Class Contact Hours: **Year 1:** 26 hours per week, **Year 2:** 24 hours per week, **Year 3:** 17 hours per week, **Year 4:** 17 hours per week

Other Information: Work Placement in Year 3 | QQI FET/FETAC Applicants | Mature Applicants | Other Applicants – Senior Trade Certificate/National Craft Certificate

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.

Contact Details: **Mr. Shane McAuliffe,** Course Leader
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 take 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?
Transportation technology has been identified by government as a key issue in maintaining and enhancing the competitiveness of our economy in the decades ahead. This course allows students to gain the necessary skills to become managers in today's Freight Transport, Distribution and Logistics (FTDL) and Passenger Transport sectors.

Graduates can obtain positions in areas including: Automotive Certification Specialist, Automotive Product Analyst, Automotive Trainer/Instructor, Bus Technical Inspector, Bus Fleet Engineer, Dealership Management in passenger car & heavy vehicle sector, Fleet Manager, Logistics Process Inspector, RSA Transport Officer, Supply Chain Management, Technical Inspector, Technical Support Specialist (Automotive & HGV), Transport Manager in the logistics sector, Transport Operations Management (Goods & Passenger), Transport Safety Management, Vehicle Damage Inspector, Vehicle Safety, Compliance and Inspection Management.

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.

Automobile Technology

Higher Certificate in Engineering

Course Code: US650	**Course Level: 6**
Duration: 2 years	**2023 CAO Points: 301**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Progression to Level 7: Yes (Add-On) - Road Transport Technology & Management

Modules at a glance: Automobile Engineering & Vehicle Technology 1, Mechanical Engineering Science, Introduction to Mechanical Engineering Maths, Automobile Electrics & Electronics 1, Engineering Computing, Motor Vehicle Retail Management 1, Computer Aided Drawing.
Automobile Engineering & Vehicle Technology 2, Automobile Electrics & Electronics 2, Vehicle Science, Computing Automotive, Motor Vehicle Retail Management 2, Automotive Engineering Mathematics.

Class Contact Hours: 24 hours per week

Other Information: QQI FET/FETAC Applicants | Mature Applicants | Professional links: Institute of Road Transport Engineering and Institute of the Motor Industry (UK)

NOTE: 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.

Contact Details: Mr. Niall O'Shaughnessy, Course Leader
Tel: 061 293331 | **Email:** Niall.OShaughnessy@tus.ie

What is this course about?
The Automobile Technology course offers students a combination of technological, business and management skills specifically related to the automotive/transport industry.

Graduates of the course will have the concepts and ideas that will allow them to develop the necessary competency to become technicians and managers in today's automotive and transport industry. Transportation technology has been identified by government as a key issue in maintaining and enhancing the competitiveness of our economy in the decades ahead.

Why take this course?
This course is ideal for people who have an interest in cars and other motorised vehicles. You will study how they work, from the complexity of modern engines to the electrical, braking, steering and all the other ancillary systems of a vehicle. This is a course involving a good amount of 'hands-on' work with plenty of garage workshop exercises, experiments and fault diagnosis.

What can I do after this course?
Graduates can progress to year 3 of the Level 7 Bachelor of Engineering in Road Transport Technology and Management at TUS and can also progress onwards to the Level 8 Bachelor of Engineering (Honours) degree in Automotive Engineering and Transport Management at TUS.

With a mix of skills offered on this course, students have more versatility in the jobs available after graduation. Job opportunities include: Automobile Service Technician, Service Manager, Parts Manager, Warranty Manager, Auto Electrics Technician, Technical Salesman, Technical Sales Rep, and Motor Vehicle Technician.

Graduates can apply for membership to the Institute of Road Transport Engineering and the Institute of the Motor Industry (UK) where they will be awarded 'Certified Automotive Engineer's status (CAE).

Road Transport Technology and Management

Bachelor of Engineering

Course Code: US775	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 311**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Progression to Level 8: Yes (Add-On) - Automotive Engineering & Transport Management

Modules at a glance: Students will study a range of modules across the following streams: Automobile Vehicle Technology (Electrical & Mechanical), Engineering Maths & Science, Computing, Vehicle Retail Management, CAD.
Heavy Vehicle Technology, Logistics Management, Road Transport & Fleet Operations, Transport Safety Management, Management Science, Work Placement (full semester).

Class Contact Hours: 19 hours per week

Other Information: Work Placement in Year 3 | QQI FET/FETAC Applicants | Mature Applicants | Other Applicants – Senior Trade Certificate/National Craft Certificate

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. Candidates applying as mature applicants will be required to attend an interview and may be requested to take an aptitude test to prove their suitability for a place on this course.

Contact Details: **Mr. Shane McAuliffe,** Course Leader
Email: Shane.McAuliffe@tus.ie

What is this course about?
This course is a mix of technological, business and management skills specifically related to the automotive/transport industry. Students will be exposed to concepts and ideas that will allow them to develop the necessary competencies to launch a career in the transport industry.

Transportation technology has been identified by government as a key issue in maintaining and enhancing the competitiveness of our economy in the decades ahead. This course allows students to gain the necessary skills to become managers in today's automotive industry.

Why take this course?
Road Transport Technology and Management will be of interest to students with an interest in the road haulage/transport and logistical sectors, as well as vehicle mechanics who would like to progress their careers into management within the road haulage/transport and logistical sectors.

The course is suited to people interested in pursuing a career in all aspects of the Road Transport Technology, Management and Logistics industry. A full semester of Work Placement in Year 3 allows students to gain valuable industry experience.

What can I do after this course?
Graduates can progress to the Level 8 Bachelor of Engineering (Honours) degree in Automotive Engineering and Transport Management at TUS.

Job opportunities for graduates include Transport Manager, Automotive Insurance Assessor, Transport Operation Management, Logistics Management, Branch Manager Motor Dealer, and Branch Manager Motor Factors, Bus Fleet Manager, Bus Technical Manager.

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 greatly reduced fee. This allows graduates to be legally appointed to the position of Transport Manager. Graduates are also eligible for membership of the Institute of the Motor Industry (UK) where they will be awarded 'Certified Automotive Engineer' status (CAE).

Electrical Engineering

Bachelor of Engineering (Honours)

Course Code: US900	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 340**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: 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.

Modules at a glance: On the Level 8 & Level 7 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 & Faultfinding, 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.

Bachelor of Engineering

Course Code: US750	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 328**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: Applicants must satisfy a minimum entry requirement of grade O6 in four Leaving Certificate subjects including English or Irish plus a minimum grade of O5 in Ordinary Level Mathematics.

Other Information: Work Placement in Year 3 on Level 8 & Level 7 degrees | Accredited by Engineers Ireland | QQI FET/FETAC Applicants | Mature Applicants

Contact Details: **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. The electrical engineer is required to lead fault-finding and trouble-shooting of complex electrical and control equipment and to work with colleagues to achieve project success on-time and within the resources available.

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. It introduces them 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.

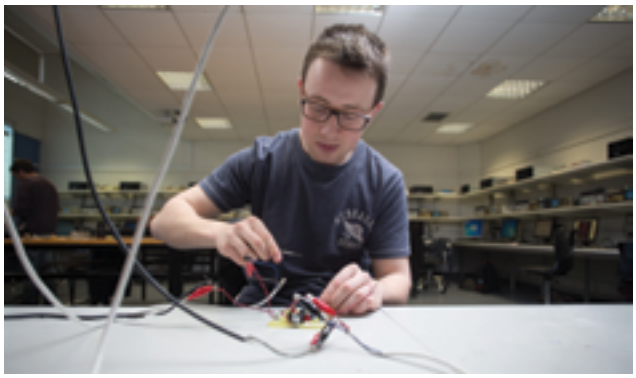
Why take this course?
Have you an interest in how things work? Do you like engineering, taking things apart, putting them back together again? If you have an enquiring mind and a practical aptitude and would like to work with electrical systems in industry, then Electrical Engineering at TUS is for you.

What can I do after this course?
Career opportunities exist in the areas of Electrical Power Systems, Power Quality, Advanced Control/Automation Systems, Energy Management and other related fields.

Graduates work for companies including ESB, Regeneron, Johnson & Johnson, Modular Automation, DesignPro, Kirby Electrical, H&MV, Dornan Electrical, Eirgrid, and Takumi Precision Engineering.

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.

Electronic Engineering with Computer Systems



Bachelor of Engineering (Honours)

Course Code: US903	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 311**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: 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.

Modules at a glance: On the Level 8 & Level 7 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.

Bachelor of Engineering

Course Code: US751	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 247**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: Applicants must satisfy a minimum entry requirement of grade O6 in four Leaving Certificate subjects including English or Irish plus a minimum grade of O5 in Ordinary Level Mathematics.

Other Information: Work Placement in Year 3 on Level 8 & Level 7 degrees | Accredited by Engineers Ireland | QQI FET/FETAC Applicants | Mature Applicants

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.

Contact Details: **Tel:** 061 293000
Email: 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. The department maintains close links with local industries and consequently many of our graduates are offered employment even before graduation. Direct entry onto year 4 is possible for students with appropriate existing level 7 qualifications.

Why take 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: Embedded Systems Design, Digital Systems Design, Electronic System Validation, Digital Communications Systems.

Typical employers include Analog Devices, ON Semiconductor, Intel, Optel Vision and EMC. Alternatively, you can continue to Masters and PhD studies, either in TUS or other institutes and universities.

Renewable and Electrical Energy Engineering

Bachelor of Engineering (Honours)

Course Code: US901	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 336**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: 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.

Modules at a glance: 1st year brings students up to the required standard in Maths & 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 power 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.

Bachelor of Engineering

Course Code: US752	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 290**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of grade O6 in four subjects including English or Irish plus a minimum grade of O5 in Ordinary Level Mathematics.

Other Information: Work Placement in Year 3 on Level 8 & Level 7 degrees | QQI FET/FETAC Applicants | Mature Applicants | Accredited by Engineers Ireland | SSE Airtricity Wind Farm visit | Kirby Electrical – Scholarship | F4 Energy – Student Scholarship

Contact Details: **Tel:** 061 293000
Email: Renewables.Midwest@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.

NOTE: 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.

Why take 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?
There are job opportunities for graduates 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)

Course Code: US902	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 326**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: 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.

Modules at a glance: On the Level 8 & Level 7 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.

Bachelor of Engineering

Course Code: US753	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 293**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum entry requirement of Grade O6 in four Leaving Certificate subjects including English or Irish plus a minimum grade of O5 in Ordinary Level Mathematics.

Other Information: Work Placement in Year 3 on Level 8 & Level 7 degrees | Accredited by Engineers Ireland | QQI FET/FETAC Applicants | Mature Applicants

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.

Contact Details: **Email:** Automation.Midwest@tus.ie

What is this course about?
Robotics and Automation Engineering is available through the CAO at Level 8 and Level 7 at TUS.

Robotics and Automation Engineering 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 a valuable opportunity to work in industry. The skills learned on the course are transferrable 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 take 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, Automation Controls Engineer, Manufacturing Engineer, Equipment Engineer, System Integrator,PLC and SCADA Programmer, Field Service Engineer.

Mechanical Engineering

Bachelor of Engineering (Honours)

Course Code: US911	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 311**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance:
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, Introduction to 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.

Bachelor of Engineering

Course Code: US771	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 309**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Other Information: Work Placement in Year 3 on Level 8 & Level 7 degrees | QQI FET/FETAC Applicants | Mature Applicants | Accredited by Engineers Ireland

Contact Details: **Mr. Eoin Fitzgerald,** Course Leader
Tel: 061 293105 | **Email:** Eoin.Fitzgerald@tus.ie

–

Contact us to learn more about our **Engineering Week 2023** events and our **Engineering Campus Visits** programme for Leaving Cert Engineering students

What is this course about?
Mechanical Engineering is available through the CAO at Level 8 and Level 7 at TUS.

It 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 industry 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.

NOTE: 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.

Why take 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 2023
11th – 15th December
Moylish Campus, Limerick

Mechanical Engineering (Facilities) Add-on

Bachelor of Engineering (Honours)

Course Code: Add-on	**Course Level: 8**
Duration: 1 year add-on honours degree following Level 7 degree US771	
Moylish Campus, Limerick	

Entry Requirements: (1) A pass in a relevant Bachelor Degree (Level 7) in a relevant field with an overall average performance of 50%. (2) An equivalent qualification to a Bachelor Degree (Level 7) with appropriate pre-requisite subjects. (3) A pass in a relevant Bachelor Degree (Level 7) with one year suitable and relevant work experience.

Modules at a glance:
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. **Semester 1:** Mandatory: Applied Research Project, Statistical Analysis & Techniques, Engineering Project Management. **Semester 2:** Mandatory: Applied Research Project, Statistics & Quality for Industry, Engineering Project Management 2. *Refer to the course page on the TUS website for details of elective modules.*

Class Contact Hours: 18 hours per week

Other Information: Apply directly to TUS
Email: admissions.midwest@tus.ie

Contact Details: Department of Mechanical and Automobile Engineering
Tel: 061 293845 | **Email:** FEBE.Midwest@tus.ie

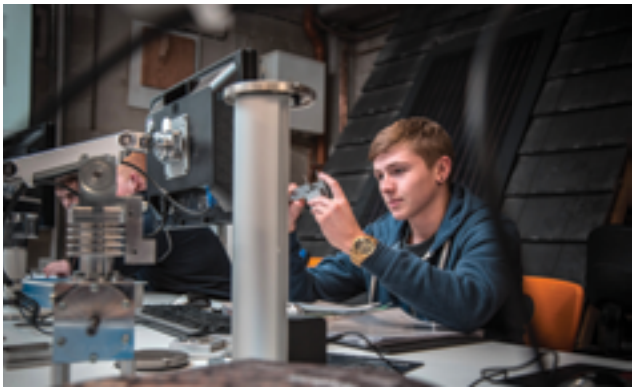
What is this course about?
This is the first course of its kind in the mid-west region. Modern businesses demand an increasingly high-quality environment in which to work. Over the past number of years, the development of industrial and commercial facilities has undergone massive growth and change. The 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 take this course?
The course is suited to Mechanical Engineering graduates 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)

Course Code: US914	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 300**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: Students on the Level 8 & Level 7 degrees will study: CNC Programming (CAM), Advanced CNC Machining & Operations. Engineering Maths, Engineering Science and Machine Mechanics. Engineering Technology & Maintenance, Process Planning, Computer Integrated Machining. CAD & Design, Design for Manufacture & Assembly Automated Manufacturing Systems. Materials Testing & Selection, Additive Manufacturing. Implementation of Lean & Six Sigma Systems, Quality Management Systems, Project Management. Applied Research Project, Group Project. Industry Work Placement.

Bachelor of Engineering

Course Code: US774	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 213**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: 21-26 hours per week, depending on the year.

Other Information: Work Placement | QQI FET/FETAC Applicants | Mature Applicants | Other Applicants – Craft Certificate (Trade), Senior Trade Certificate/National Craft Certificate

Contact Details: Mr. Ciarán O'Loughlin, Course Leader
Tel: 061 293339 | **Email:** Ciaran.OLoughlin@tus.ie

What is this course about?
Precision Engineering is available at Level 8 and Level 7 through the CAO at TUS.

Precision Engineering is involved with the design, manufacturing, and measurement of highly specified parts for the medical, aerospace, automotive, oil and gas exploration and related industry. 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, robots, and quality tools 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.

Students on the course will use some of the newest CNC technology such as advanced CNC machining, robotics in manufacturing, Additive manufacturing, materials engineering and Lean engineering technology.

A work/learn model can be used over 2 years; students work 3 days per week and study in TUS two days per week. This option is available for years 2, 3 and 4 completed. Advanced entry is possible for those with related qualifications.

Why take 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 is core to this course and appeals to those that want to use technology in engineering.

What can I do after this course?
Precision Engineers work in 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 as a Precision Engineer in a world class machining environment in medical devices, aerospace, general engineering, etc.

Engineering Technology Management

Bachelor of Engineering (Honours)

Course Code: US909	**Course Level: 8**
Duration: 4 years	**CAO Points: New**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: 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.

Bachelor of Engineering

Course Code: US779	**Course Level: 7**
Duration: 3 years	**CAO Points: New**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: 25 hours per week.

Other Information: Work Placement in Year 3 | QQI FET/FETAC Applicants | Mature Applicants

Contact Details: **Dr. Lisa Henihan,** Course Leader
Tel: 061 293000 | **Email:** Lisa.Henihan@tus.ie

What is this course about?
This new Engineering Technology Management degree has been created to provide students with an essential combination of engineering and management abilities that are critical skill sets required in industry.

Graduates will be crucial in designing, controlling and managing challenging projects and tasks such as innovative products, developing sustainable global systems, efficient processes, 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 developed in response to a market need for professional engineers who are also proficient in entrepreneurship and management.

Employers are in high demand for Engineering Technology Management graduates for various positions across multiple industries such as medical, pharmaceutical, aeronautical, automation, design, agri and food, etc.

Why take this course?
This exciting new 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, CADCAM, process and methods engineering, production and materials management, quality, and manufacturing engineering.

Process and Engineering Management (Add-on)

Bachelor of Engineering (Honours)

Course Code: Add-on	**Course Level: 8**
Duration: 1 year add-on honours degree	
Moylish Campus, Limerick	

Entry Requirements: Level 7 degree in Engineering or Science related subject. Students with suitable experience and prior learning will be considered.

Modules at a glance: Applied Process Improvement, Project Management, Statistical Process Control, Engineering Operations Management and Dissertation module.

Class Contact Hours: 18 hours per week
Currently running over 3 days (Tuesday to Thursday).
The course can also be carried out part-time via ACCS mode.

Other Information: Apply directly to TUS
Email: admissions.midwest@tus.ie

Contact Details: Department of Mechanical and Automobile Engineering
Tel: 061 293845 | **Email:** Colm.Crowe@tus.ie

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.

The development of this course is a direct response to feedback and requirements from industry. The companies surveyed stated that Engineering graduates were lacking the necessary skill set and process knowledge to work effectively in an industrial environment. The course utilises industrial case studies, requires significant independent learning and engagement with local industry. Students actively work with various companies to carry out research for their dissertation, apply applied process improvement techniques and create project plans that are beneficial to the companies.

To allow for this, the course is structured as follows.
- Two major modules in the form of Applied Process Improvement and Project Management.
- Two minor modules in the form of Engineering Operations Management and Statistical Process Control.
- A dissertation module.

On completion of the Applied Process Improvement module, students can also complete the America green belt six sigma exam resulting in green belt certification.

An overview of feedback from industry shows that there are not enough third level combination engineering and management courses; this course meets this gap. Industry also requires a more rounded individual for the manufacturing and service provision. A graduate with an insight into project and people management is seen as an asset in modern industry.

Why take 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 or Science Level 7 degree. For example, graduates from the following TUS Level 7 degree courses can apply to progress onto this honours degree course:
- US771 Mechanical Engineering
- US775 Road Transport Technology & Management
- US751 Electronic Engineering with Computer Systems
- US752 Renewable & Electrical Energy Engineering
- US760 Civil Engineering
- US753 Robotics & Automation Engineering
- Any relevant Level 7 Science degree

What can I do after this course?
Opportunities for graduates include jobs such as Process Engineer, Manufacturing Engineer, Validation Engineer, Quality Engineer, Operations Engineer, Operations Management, Project Manager, New Product Introduction Engineer, Validation Engineer, Process Improvement Engineer, Continuous Improvement Engineer, Logistics Management.

SOLAS Craft Apprenticeship Courses

The Department of Electrical and Electronic Engineering and Department of Mechanical & Automobile Engineering provides block release programmes for SOLAS Craft Apprenticeships.

The Department of Electrical and Electronic Engineering operates eleven-week block release courses for Registered Apprentices in the Electrical trades. All apprentices attend TUS for two blocks (called Phase 4 and Phase 6) during their apprenticeship.

Core Modules: Electrical Science, Electrical Craft Practice, Electrical Installation, Workshop Electronics, Power Distribution, Programmable Logic, Controllers, Control & Alarm Systems.

Duration: The duration of Apprenticeship under the Apprenticeship Scheme is approximately four years and is structured in seven distinct phases. Under this scheme, all apprentices attending Phases 4 and 6 will do so at a designated Institute and will be scheduled for that purpose by SOLAS. Apprenticeship entry requirements can be obtained by contacting SOLAS with whom all Craft Apprentices must be registered.

The Department of Mechanical and Automobile Engineering currently provides block release courses for two SOLAS Craft Apprenticeships. These include:

- Mechanical Automation and Maintenance Fitting (MAMF) Apprenticeship
- Motor Mechanics Apprenticeship

Block Release programmes are provided for Registered Apprentices in the MAMF and Motor Mechanic craft Apprenticeships. Block Release programmes are normally ten or eleven weeks. All apprentices come to the Institute for two blocks (called Phase 4 and Phase 6) during their approximate four years of training. Both Phases are scheduled by SOLAS.

Mechanical Automation and Maintenance Fitting (MAMF) Apprenticeship
The modules that are delivered during the phases of this apprenticeship are:

- Workshop Technology
- Mathematics and Craft Calculation
- Engineering Science
- Technical Drawing and Complementary Studies

Apprentices within the MAMF Apprenticeship programme are encouraged to complete the City & Guilds 2565 Applied Electrical and Mechanical Engineering Technician evening programme at TUS. In addition, MAMF Apprentices attending Block Release programmes can take Machine Shop Practice (Practical) and Welding (Practical).

Motor Mechanics Apprenticeship
The modules that are delivered during the phases of this apprenticeship are:

- Garage Practice (Practical)
- Petrol Engine Management
- Steering & Suspension Systems
- Brake Systems
- Transmission
- Body Electronics
- Compression Ignition

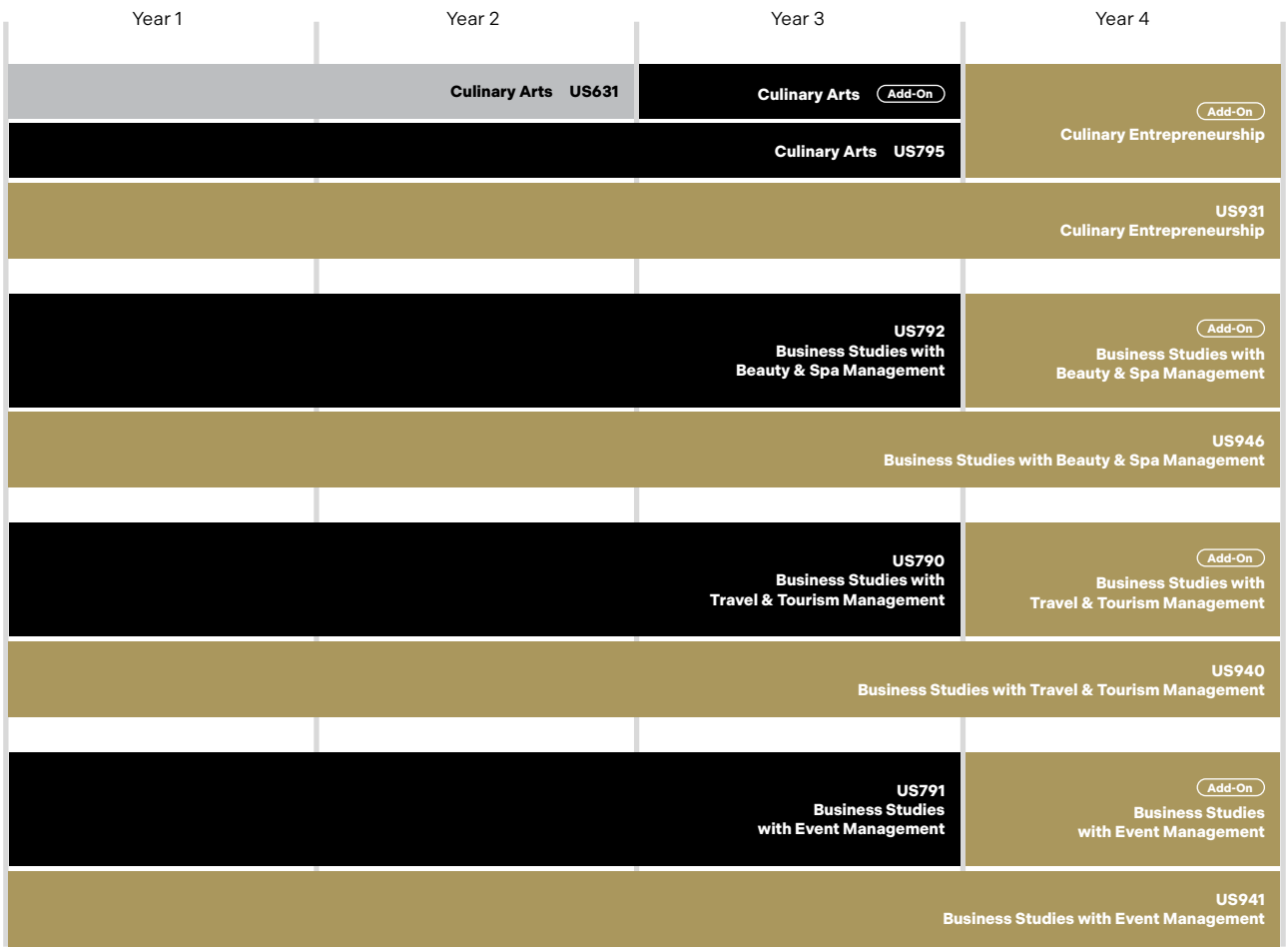
Apprentices within the Motor Mechanics Apprenticeship programme are encouraged to complete supplementary Automotive Technology evening programmes that take place at TUS Moylish campus.

Awarding Body: Quality and Qualifications Ireland (QQI). All apprentices are scheduled for attendance by SOLAS by whom they are registered. All enquiries, therefore, should be made directly to SOLAS.

Contact Details:
SOLAS Limerick Tel: 061 487915
SOLAS Dublin Tel: 01 6070500

Hospitality and Tourism

Scan the QR code to learn more about our courses in Hospitality & Tourism



Level 8 Courses

US946 Business Studies with Beauty & Spa Management
Bachelor of Arts (Honours) Ab Initio

US941 Business Studies with Event Management
Bachelor of Business (Honours) Ab Initio

US940 Business Studies with Travel & Tourism Management
Bachelor of Business (Honours) Ab Initio

US931 Culinary Entrepreneurship
Bachelor of Business (Honours) Ab Initio

Level 7 Courses

US792 Business Studies with Beauty & Spa Management
Bachelor of Arts

US791 Business Studies with Event Management
Bachelor of Business

US790 Business Studies with Travel & Tourism Management
Bachelor of Business

US795 Culinary Arts
Bachelor of Arts

Level 6 Courses

US631 Culinary Arts
Higher Certificate in Arts

Business Studies with Beauty and Spa Management

Bachelor of Arts (Honours)

Course Code: US946	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 328**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: 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.

Bachelor of Arts

Course Code: US792	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 292**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Class Contact Hours: 20 hours per week depending on the year.

Other Information: Work Placement / Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **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 combined business with beauty, spa and advanced aesthetics course prepares you to meet industry needs for highly skilled and trusted professionals who can establish strong relationships with clients, deliver services in a professional and efficient manner, and progress to management roles within the industry.

It covers both the creative and business aspects of the beauty and spa sector, and includes internationally accredited qualifications from ITEC and CIBTAC, which equip you to work and progress your career in a wide range of beauty, spa and advanced aesthetic settings. The sector is a very important component of the economy and provides employment opportunities all over the country and internationally.

Why take 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.

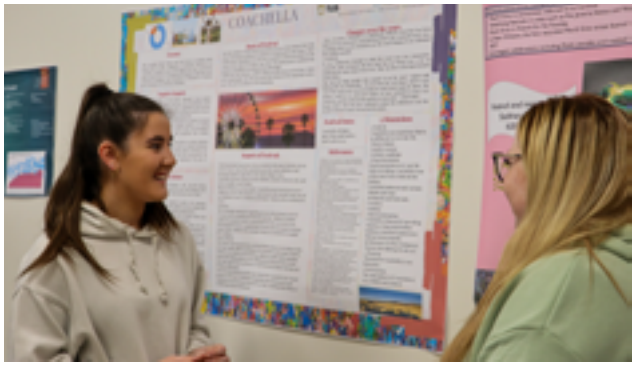
By combining technical beauty and spa skills with business, management competencies, the course equips you to work and progress in a wide range of beauty, spa and advanced aesthetic settings.

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.

What can I do after this course?
The course will provide you with a range of job options such as Beauty Therapist, Advanced Skincare Therapist, Advanced Laser Therapist, Beauty and Spa Consultant, Nail Technician, Beauty, Content Creator, Beauty Brand Coordinator Alternatively, you may choose to establish your own beauty or advanced aesthetic clinic.

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)

Course Code: US941	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 300**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: On the Level 8 & Level 7 degrees, students will study: 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.

Bachelor of Business

Course Code: US791	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 300**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Class Contact Hours: 20 hours per week approx.

Other Information: Work Placement / Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Ms. June O'Bryne Prior,** Course Leader
Tel: 061 293000 | **Email:** June.OByrnePrior@tus.ie

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 industry is a fast paced, exciting sector requiring an eye for detail, desire to meet and work with new people as well as understanding of the many technical, logistical, and creative factors that make up successful events. The Business with Event Management 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 enables students to progress to leadership roles in the events sector.

Why take this course?
Experienced Lecturing Team: Our lecturing team have a wealth of industry experience behind them, and this makes for a very practical and engaging learning space. You will be encouraged and facilitated to further develop your practical knowledge, creativity, and acquire strong business know-how.

Practical/Live Modules: You will plan and stage real events thereby experiencing the kind of work you may pursue after graduation. Students are supported in working with business partners on live projects with both meaning and purpose.

Work Placement: Work placement is a key component of the course and students spend one semester gaining valuable professional experience, developing industry networks and getting a taste of what lies ahead.

International Trips/Study Abroad Options: This course offers structured study abroad/work placement abroad opportunities through Erasmus. Students have travelled to European partner institutes to study and work in Spain, Portugal, Croatia, The Netherlands and Hungary.

Field Trips: Our academic team organise regular field trips for our students, locally, nationally, and internationally. This year our international trip focused on London as a destination.

What can I do after this course?
The Events sector presents huge opportunities for our graduates, contributing more than €3.5 billion to the Irish economy annually and directly employing over 45,000 people in Ireland. This course prepares students for roles in the creation, management and support of concerts, festivals, sports events, conferences, trade shows, marketing events, brand activations, product launches, exhibitions, and other cultural experiences. Our students are well prepared for industry and are extremely sought after.

Our graduates have secured roles in companies such as; Arts Council of Ireland, HIYA Event Management, Dublin Convention Bureau, University of Limerick, Grooveyard, Claridge's London, Image Media, Tennis Australia, Spotlight Oral Care. Many of our graduates have gone on to start their own businesses.

Business Studies with Travel and Tourism Management

Bachelor of Business (Honours)

Course Code: US940	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 261**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: On the Level 8 & Level 7 degrees, students will study: Travel & Tourism Management, Marketing (incl Digital), Food & Beverage Studies, Business & Financial Planning, Human Resource Management, Personal Development & Employability Preparation, Academic Research & Writing.

Bachelor of Business

Course Code: US790	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 262**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Class Contact Hours: 20 hours per week depending on the year.

Other Information: Work Placement / Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Ms. Orla Fox-Colleran,** Course Leader
Tel: 061 293000 | **Email:** Orla.FoxColleran@tus.ie

What is this course about?
Business Studies with Travel and Tourism Management is available through the CAO at Level 8 and Level 7 at TUS.

The travel and tourism sector is a major driver of global employment, generating – directly or indirectly – one in every ten jobs. Ireland has an excellent tourism offering and the industry is of vital importance to the Irish economy, with employment projected to reach 250,000 by 2025. The further development of the sector requires graduates with a wide range of skills such as management capability, information and communications technology skills, product/service design destination development, marketing and selling skills. This course gives you a good grounding in the theory and practice of business in the context of evolving, highly customer-focused and media-influenced travel and tourism industry. This course offers key business management subjects alongside a range of specialist travel and tourism modules and offers fantastic employability opportunities for our graduates.

Why take this course?
This course is a perfect fit for you if you are passionate about travel and tourism, enjoy meeting and working with new people, and thrive in a fast-paced work environment.

Experienced Lecturing Team: Our lecturing team have a wealth of industry experience behind them, and this makes for a very practical and engaging learning space. You will be encouraged and facilitated to further develop your practical knowledge, creativity, and acquire strong business know-how.

Practical/Live Modules: You will be supported in working with business partners on live projects with both meaning and purpose.

Work Placement: Work placement is a key component of our course and students spend one semester gaining valuable professional experience, developing industry networks and getting a taste of what lies ahead.

International Trips/Study Abroad Options: This course offers structured study abroad/work placement abroad opportunities through Erasmus. This year, our students travelled to European partner institutes to study and work in Spain, Portugal, Croatia, The Netherlands and Hungary.

Field Trips: Our academic team organise regular field trips for our students, locally, nationally, and internationally.

What can I do after this course?
Our graduates are well prepared for a wide variety of careers within the travel and tourism industry in Ireland or abroad, in areas such as tourism marketing, arts/culture/heritage, visitor attraction management, tour operations, tourism product development, public sector tourism development, hotel/resort destination management, and transportation.

Culinary Entrepreneurship

Bachelor of Arts (Honours)

Course Code: US931	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 275**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: Culinary Operations, Developments & Nutrition, Product Knowledge and Artisan Food Production, Pastries and 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.

Class Contact Hours: 24 hours per week

Other Information: Work Placement in Year 2 | Work Placement / Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Mr. Joe Mulcahy,** Head of Section – Culinary & Hospitality
Tel: 061 293405 | **Email:** Joe.Mulcahy@tus.ie

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.

The course 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.

Note: Students will require €450 approx. for class materials, books, uniforms, safety shoes, etc. in the first week of college.

Why take 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.

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.

What can I do after this course?
You 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.

Culinary Arts

Bachelor of Arts

Course Code: US795	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 262**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: Culinary Operations, Developments & Nutrition, Product Knowledge and Artisan Food Production, Creative Desserts, Classic Cuisine and Gastronomy, Culinary Led Event, Marketing (incl Digital), Business & Financial Planning, Human Resource Management, Personal Development & Employability Preparation.

Higher Certificate in Arts

Course Code: US631	**Course Level: 6**
Duration: 2 years	**2023 CAO Points: 231**
Moylish Campus, Limerick	

Progression available to Add-on degree: Yes

Entry Requirements: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Class Contact Hours: 25 hours per week depending on the year. 12-week Work Placement on completion of Year 1.

Other Information: Work Placement in Year 2 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Mr. Joe Mulcahy,** Head of Section – Culinary & Hospitality
Tel: 061 293405 | **Email:** Joe.Mulcahy@tus.ie

What is this course about?
If you are an aspiring chef who would like to work in a restaurant or hotel, or looking to pursue a career in food development, this is the right course for you.

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.

Note: Students will require €450 approx. for class materials, books, uniforms, safety shoes, etc. in the first week of college.

Why take 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.

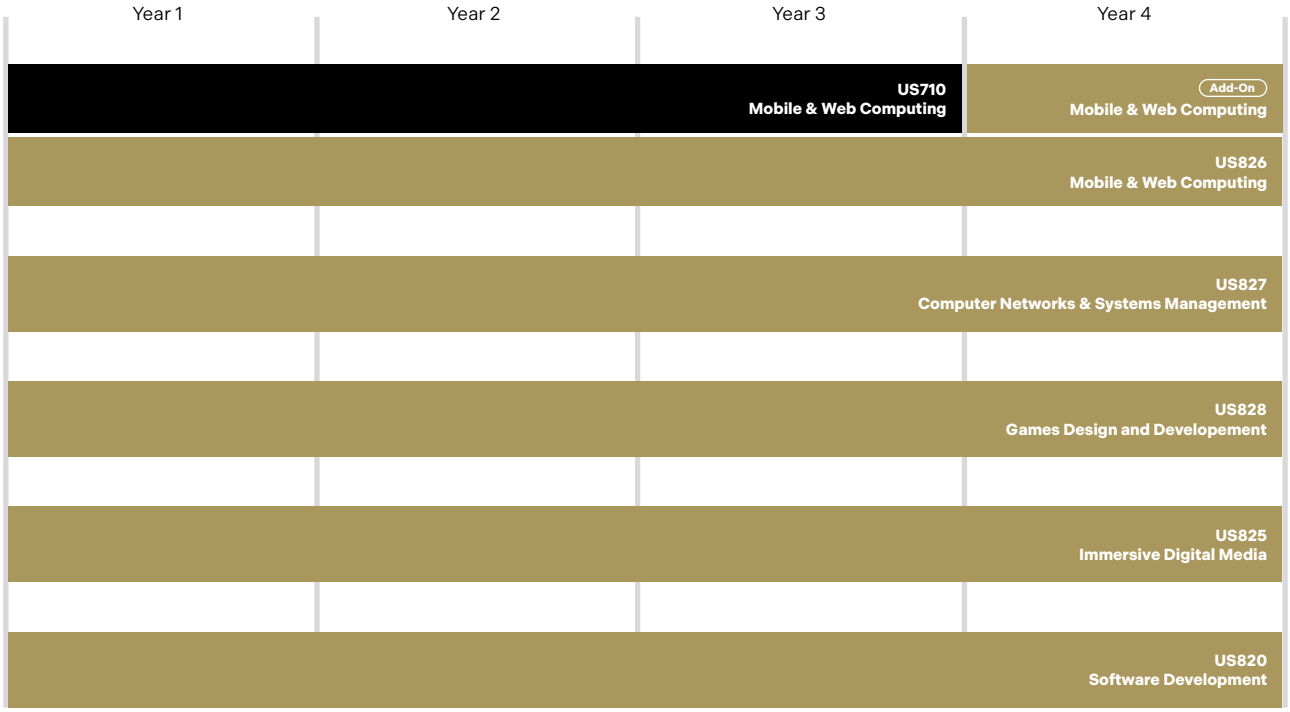
The course is strongly linked with industry and includes a work placement in Ireland or overseas – including locations such as Connecticut, Rhode Island, Cape Cod and Nantucket in the United States – between Year 1 and Year 2.

What can I do after this course?
There is a 100% employment record for graduates of this course. You can pursue work as a professional chef in the hospitality sector in Ireland or overseas, progressing over time to Executive Chef or perhaps running your own restaurant. You may also choose to pursue work opportunities in the wider food sector. A Culinary Arts qualification is a passport to travel. Many graduates hold leading positions with top hospitality brands around the world.

You may also pursue Level 7 and Level 8 qualifications in Culinary Arts at TUS or elsewhere.

Information Technology and Software

Scan the QR code to learn more about our Information Technology and Software courses.



Level 8 Courses

US827 Computer Networks & Systems Management
Bachelor of Science (Honours) Ab Initio

US828 Games Design and Development
Bachelor of Science (Honours) Ab Initio

US825 Immersive Digital Media
Bachelor of Science (Honours) Ab Initio

US826 Mobile & Web Computing
Bachelor of Science (Honours) Ab Initio

US820 Software Development
Bachelor of Science (Honours) Ab Initio

Level 7 Courses

US710 Mobile and Web Computing
Bachelor of Science

Computer Networks and Systems Management

Bachelor of Science (Honours)

Course Code: US827	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 319**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: **Year 1:** Programming, Computer Networks & LANs, Digital Systems, Mathematics, Operating Systems. **Year 2:** Data Essentials/Formats/Storage, Network Design, OOP, Public & Private Cloud, Cyber Security. **Year 3:** Group Project, Network Security, Data Communication, Server Admin, Technical Writing & Work Placement. **Year 4:** Research Project, Secure Public Cloud Services, IT Governance, Cryptography, Software Defined Networks, Network Automation, Data Centre Design, Penetration Testing, Information Security.

Class Contact Hours: **Year 1:** 24 hours per week, **Year 2:** 22 hours per week, **Year 3:** 25 hours per week, **Year 4:** 16 hours per week

Other Information: Work Placement in Year 3 / Study Abroad | QQI FET / FETAC Applicants | Mature applicants

Contact Details: **Mr. Michael Winterburn,** Course Leader,
Tel: 061 293000 | **Email:** Michael.Winterburn@tus.ie
Mr. Niall Corcoran, Course Leader,
Tel: 061 293000 | **Email:** Niall.Corcoran@tus.ie
Mr. Mark Curtin, Course Leader,
Tel: 061 293000 | **Email:** Mark.Curtin@tus.ie

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 take 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.

Games Design and Development

Bachelor of Science (Honours) in Computing

Course Code: US828	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 260**
Thurles Campus, Co. Tipperary	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: **Year 1:** Web Development, Computer Organisation, Mathematics, Data Essentials & SQL, Programming. **Year 2:** Data Structures & Algorithms, Game Programming, Networking for Games, Agile Game Development, Game Play Programming. **Year 3:** Project & Team Dynamics, 3D Game Engine Development, AI for Games, Game Physics, Game Development Patterns, Work Placement.**Year 4:** Game Project, Cyber & Software Security, Mobile App Development, Network Programming, Game Analytics, Software Project Management, Machine Learning, Cross Platform Game Development.

Class Contact Hours: **Year 1:** 25 hours per week, **Year 2:** 24 hours per week, **Year 3:** 18 hours per week, **Year 4:** 16 hours per week

Other Information: Work Placement/Study Abroad | Mature applicants | QQI FET/FETAC Applicants

Contact Details: **Dr. Liam Noonan,** Course Leader
Tel: 0504 28259 | **Email:** Liam.Noonan@tus.ie
Ms. Aileen O'Mara, Course Leader
Tel: 0504 28253 | **Email:** Aileen.OMara@tus.ie

What is this course about?
This course aims to produce industry-ready graduates with all the skills, knowledge and experience required to successfully enter a career in the software industry with a focus on creating video games.

Students will learn the techniques for analysis, design and development of games for diverse platforms including mobile, desktop computers, games consoles and online games in a variety of computer programming languages. Students will also learn how to use Algorithms, AI and Machine Learning to enhance game play.

Students will produce game designs and implement these through a variety of game engines and frameworks using state of the art technology and specialised hardware game development laboratories. TUS is licenced for leading multi-platform game engines to enhance your learning experience.

TUS Thurles campus is the home of Games Fleadh, one of Ireland's most important games programming festivals. Students are encouraged to develop games for Games Fleadh and have them assessed by industry veterans.

Why take 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.

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/Software Programmer, Game/Software Tester, Game/Software Designer.

Graduates may also pursue research studies within TUS working with researchers with expertise in Gaming, Animation, Media, Entertainment and Software.

JOIN US FOR GAMES FLEADH 2024!

TUS Thurles Campus
6th March 2024

Immersive Digital Media

Bachelor of Science (Honours)

Course Code: US825	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 247**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: **Year 1:** Digital Storytelling, Visual Design Practice, Web Development, Programming, Interpersonal Skills, Mathematics, Ludology & Game Play, User Interface Design Fundamentals, Operating Systems, Programming, Digital Video. **Year 2:** UI/UX Prototyping, Front End Development, Motion Graphics, Software Development, OO Development, 3D Computer Graphics, Networking & Cloud Foundations, Creative Design Practice, Professional Branding, Immersive Technology. **Year 3:** Group Project, Project Management, Interactive Design Practice, Web Application Development, Virtual & Augmented Reality, Work Placement. **Year 4:** Digital Media Project, Design Thinking, Immersive Programming, 3D Graphics & Imaging, Human Factors for Immersive Technologies, Advanced Programming, Advanced Graphics & Imaging.

Class Contact Hours: **Year 1:** 25 hours per week, **Year 2:** 25 hours per week, **Year 3:** 22 hours per week, **Year 4:** 17 hours per week

Other Information: Work Placement in Year 3 / Study Abroad | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Ms. Lorraine Callanan,** Course Leader
Tel: 061 293000 | **Email:** Lorraine.Callanan@tus.ie
Ms. Kelly O'Brien, Course Leader
Tel: 061 293000 | **Email:** Kelly.OBrien@tus.ie

What is this course about?
Immersive reality is a radical force of both technology and creativity and is on the cusp of forever changing the way we interact with the world and each other.

This course gives students the knowledge and practical experience of industry-standard tools and technologies, to create this 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.

Why take this course?
This course is suited to those that have an interest in creativity, storytelling and technology. It is primarily a computing course specialising in immersive media creation. Creative and innovative-minded people will be challenged in this course to express their ideas and develop ground-breaking new immersive digital technologies and experiences from beginning to end. Graduates are highly employable, allowing them to pursue a career in both computing and creative media industries.

What can I do after this course?
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 Master's programmes, either taught or by research.

Mobile and Web Computing

Bachelor of Science (Honours)

Course Code: US826	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 300**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: **Year 1:** Web Development, Programming, Data Essentials, Foundations of Security, ICT & Applications, Mathematics, Programming Fundamentals, SQL Essentials, Operating Systems, Communications & Applications. **Year 2:** Web Project, Web Techniques, OO Programming, Databases, Software Development, User Interaction Design, Networking & Cloud Foundations, Software Testing, Real Time Embedded Systems. **Year 3:** Advanced Web Techniques, Concurrent Programming, Mobile Applications Development, Data Structures & Algorithms, Group Project, Work Placement. **Year 4:** Project, Advanced Mobile Application Development, Secure Public Cloud Services, Innovative Technologies & Future Skills, Web Analytics, Information Systems Management, Technology Futures & Connected Living, Software Quality Engineering.

Bachelor of Science

Course Code: US710	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 232**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Other Information: Work Placement in Year 3 / Study Abroad | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Ms. Mary Ryan**, Course Leader
Tel: 061 293000 | **Email:** Mary.Ryan@tus.ie
Mr. Mike Connolly, Email: Mike.Connolly@tus.ie

What is this course about?
Mobile and Web Computing is available through the CAO at Level 8 and Level 7 at Moylish campus.

It provides students with the skills necessary to design, build and maintain secure internet-based systems. There is a strong practical emphasis on the languages, tools, techniques and methodologies required to build real world solutions in today's interconnected world.

Students will develop an understanding of current and emerging technologies and best business/industrial standards to equip them to meet the demands of an increasingly technological world. The course will provide students with the professional, technical and project related capabilities applicable to the development of secure client-side and server-side Internet based systems and prepares students for a broad range of careers in the fast-moving computing industry.

The work placement in Year 3 gives students the opportunity for further personal development in real world job situations.

Why take this course?
This course is suited to those interested in how mobile and web-based systems work, in designing and building websites, and want to build their knowledge and technical capacity in this continually changing technology area. It will be suited to students seeking to establish a career in the technology sectors. This is particularly appealing given the job vacancies that exist in the ICT area currently.

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 include: Web Developer, Software Engineer, Cloud Administrator, Database Administrator, App/Games Developer, Software Test & Quality Engineer, Digital Media Programmer.

Software Development

Bachelor of Science (Honours)

Course Code: US820	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 338**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: **Year 1:** Interpersonal Skills, Web Development, Computer Organisation, Mathematics, Data Essentials & SQL, Programming. **Year 2:** OO Theory & Programming, Data Structures & Algorithms, Networking, Data Design & Programming, Discrete Mathematics, Software Development/Testing, Data Driven Systems, Public Cloud Foundations, Applications Development. **Year 3:** Computer Science, Secure Web Application Development, Object Modelling & Design, Software Development Group Project, Secure Web Application Development, Work Placement. **Year 4:** Project, Secure Public Cloud Services, Enterprise Application Development, Management Techniques, Reactive Systems, Electives: API Design & Development, Software Quality Engineering, Machine Learning for Predictive Analytics.

Class Contact Hours: **Year 1:** 23 hours per week, **Year 2:** 21 hours per week, **Year 3:** 19 hours per week, **Year 4:** 18 hours per week

Other Information: Work Placement / Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Mr. Seamus Doyle,** Course Leader
Tel: 061 293330 | **Email:** Seamus.Doyle@tus.ie
Ms. Marian Lynch, Course Leader
Tel: 061 293000 | **Email:** Marian.Lynch@tus.ie

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.

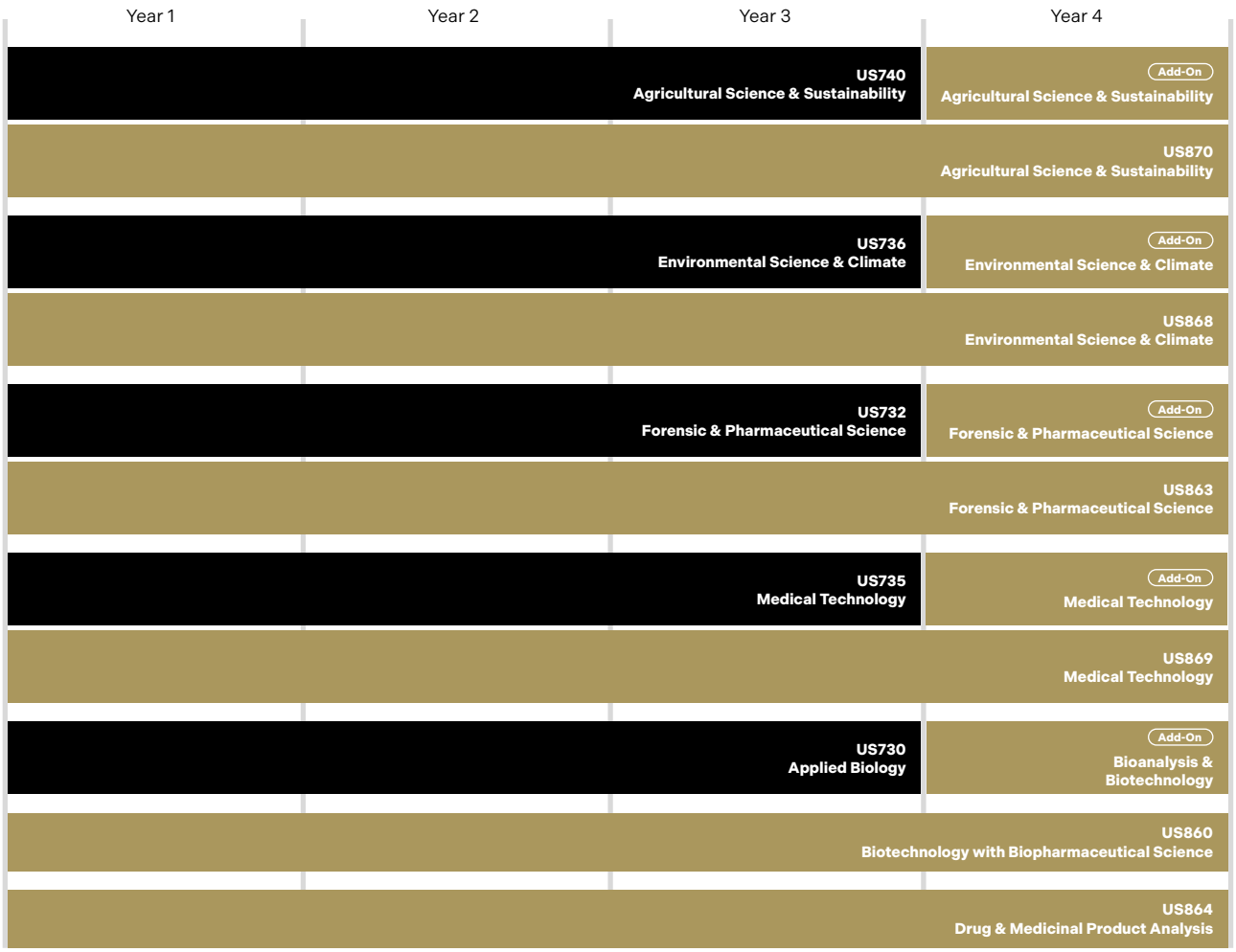
Why take this course?
This course suits people who are analytical and logical and who are interested in computers and like solving real problems. It also suits people who are creative as the course gives students the skills to express their ideas and concepts in a whole range of software technologies.

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 Ericsson, Microsoft, Cisco, Avvio, Jaguar Land Rover, Kerry Foods, OpenJaw Technologies, IBM Global Services, Deloitte, SAP.

Science

Scan the QR code to learn more about our Science courses



Level 8 Courses

US870 Agricultural Science & Sustainability
Bachelor of Science (Honours) Ab Initio - *Thurles*

US860 Biotechnology with Biopharmaceutical Science
Bachelor of Science (Honours) Ab Initio

US864 Drug & Medicinal Product Analysis
Bachelor of Science (Honours) Ab Initio

US868 Environmental Science & Climate
Bachelor of Science (Honours) Ab Initio - *Thurles*

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 - *Thurles*

US730 Applied Biology
Bachelor of Science

US736 Environmental Science & Climate
Bachelor of Science – *Thurles*

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)

Course Code: US870	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 308**
Thurles Campus, Co. Tipperary and Gurteen College, Co. Tipperary	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: Students will study a range of topics in the following streams: **Gurteen College: Practical Skills in Year 1 & 2** (one semester each year) Tillage Crop Husbandry, Animal Production (Dairy/Beef/Sheep), Soils & Peatland, Forestry, Farm Safety, Animal Welfare, Business. **Sustainability:** UN Sustainable Development Goals, Economy & Sustainable Development. **Environmental Management in Agriculture:** Biodiversity, Water Quality, Grassland, Farm Management, Carbon Management. **Science:** Lab Skills, Chemistry, Biology, Soil Science, Ecology. Work Placement.

Bachelor of Science

Course Code: US740	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 251**
Thurles Campus, Co. Tipperary and Gurteen College, Co. Tipperary	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: 18-23 hours per week (depending on the year)

Other Information: 2 semesters at Gurteen College | Work Placement in Year 3 | Trained Farmer Status (Green Cert) | QQI FET / FETAC Applicants | Mature applicants

Contact Details: **Ms Brigid Doyle,** Course Leader, **Tel:** 0504 28253 | **Email:** Brigid.Doyle@tus.ie

What is this course about?
Agricultural Science and Sustainability is available through the CAO at Level 8 and Level 7 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 on this course will spend semester 2 in 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 practical experience.

Advanced Entry into Year 2 Applicants presenting the full Level 6 QQI/FET award in 'Advanced Certificate in Agriculture' that includes 3 distinctions in any of the three specialisations listed below will be considered for advanced entry requirements:

- Advanced Certificate in Dairy Herd Management – Level 6
- Advanced Certificate in Drystock Management – Level 6
- Advanced Certificate in Agriculture (Crops and Machinery) – Level 6

NOTE: Accommodation is available at Gurteen College. This may be available at an additional cost. Gurteen may charge an additional fee to cover the cost of food and materials.

Why take 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. This 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 are qualified for a wide range of roles such as 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 achieve Trained Farmer Status ('Green Cert'). Listing on the Department of Agriculture's Farm Advisory System (FAS) of approved advisors requires a Level 8 degree in Agricultural Science and completion of a FAS training programme. The Level 8 course meets the content criteria of the Teaching Council to teach Agricultural Science at second level.

Applied Biology

Bachelor of Science

Course Code: US730	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 356**
Moylish Campus, Limerick	

Progression to Level 8: Bioanalysis & Biotechnology (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: 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.

Class Contact Hours: 24 hours per week

Other Information: Work placement in Year 3 (6–8 months)
QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Dr. Rachel Gorman,** Course Leader
Tel: 061 293000 | **Email:** Rachel.Gorman@tus.ie

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.

This course meets the growing demand of the Life Sciences, Food Technology and Biopharmaceutical sectors for skilled graduates with specialist training in Biochemistry, Microbiology, Food Science and Quality Assurance.

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 take 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?
Career opportunities are available in key growth areas including the Agri-Food industry, Biopharmaceutical manufacturing, Food processing, Water analysis, Quality Control and Life Sciences sectors.

Typical jobs include Microbiologist, Bioanalyst, Food Scientist, Bioprocess Scientist and QC Analyst. Graduates may work in Wyeth Nutritionals, Regeneron, Dairygold, Glanbia,Vistakon, Eurofins, Beckman Coulter, and Edwards Life Sciences.

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.

Bioanalysis and Biotechnology (Add-on)

Bachelor of Science (Honours)

Course Code: Add-on	**Course Level: 8**
Duration: 1 year add-on course following on from US730 Level 7 Degree	
Moylish Campus, Limerick	

Entry Requirements: A pass in a relevant Bachelor Degree (Level 7) in a relevant field with an overall average performance of at least 50%.
An equivalent qualification to a Bachelor Degree (Level 7) with appropriate pre-requisite subjects.
A pass in a relevant Bachelor Degree (Level 7) with one year suitable and relevant work experience.

Modules at a glance: **Semester 1:** Bioanalysis, Biomolecular Techniques, Mammalian Cell Culture, Data Analysis, Project Management & Research. **Semster 2:** Bioanalytical Method Validations, Biotechnology, Bioprocessing, Quality Management, Research Project.

Class Contact Hours: 24 hours per week

Apply Directly to TUS: **Email:** admissions.midwest@tus.ie

Contact Details: **Dr. Ann Murphy,** Course Leader
Tel: 061 293815 | **Email:** Ann.Murphy@tus.ie

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, Bioprocessing, Mammalian Cell Culture, Biomolecular Techniques, Bioanalytical Method Validation, Quality Management Systems and Data Analytics.

Graduates of the course may have careers in Bioanalytical Science, Process Science, Biopharma and Food Manufacturing, Quality Control and Research and Development in a range of modern bio-industries including the Biopharmaceuticals, Biotechnology, Bioanalytical and Food Sectors.

Why take 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?
You will have excellent employment and career opportunities in key growth areas including the Biopharmaceutical Biotechnology, Bioanalytical, and Healthcare sectors.

Jobs include Bioanalyst, Biotechnologist, Production Specialist, Bio-Process Scientist, Microbiologist and Molecular Biologist.

Graduates may work in Regeneron, Eli Lilly, BD, BMS, MSD, Vistakon, Beckman Coulter, Edwards Life Sciences and Janssen. Graduates may also pursue Masters or Ph.D. courses in Biology-related disciplines.

Biotechnology with Biopharmaceutical Science

Bachelor of Science (Honours)

Course Code: US860	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 400**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: 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.

Class Contact Hours: 22–25 hours per week

Other Information: Work Placement in Year 3 (6–8 Months) | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Dr. Mary Morrin,** Course Leader,
Tel: 061 293333 | **Email:** Mary.Morrin@tus.ie
Dr. Ann Murphy, Course Leader,
Tel: 061 293815 | **Email:** Ann.Murphy@tus.ie

What is this course about?
This 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.

The course will provide students with an honours degree in Biotechnology with an emphasis on Biopharmaceutical Science. This course is for students who are interested in studying the cutting-edge technologies that underpin developments in Biotechnological advances. A Work Placement in Year 3 allows students to gain valuable industry experience.

Why take this course?
This course is designed for students with a keen interest in Biology and who wish to pursue careers in the Life Sciences. You will have small class sizes, dedicated lecturers, and gain hands-on experience of state-of-the art technologies in Biotechnology.

What can I do after this course?
Ireland is home to some of the world's top biotechnology and pharmaceutical companies and career opportunities are available in key growth areas including Biotechnology, Biopharmaceutical Manufacturing, Quality Control, Life Sciences and Research and Development.

Typical jobs include Biotechnologist, Bioprocess Scientist, Bioanalyst, Microbiologist and Molecular Biologist.

Graduates may work in Regeneron, Eli Lilly, BD, BMS, MSD, Johnson & Johnson, Beckman Coulter, Edwards Life Sciences and Janssen. Graduates may also pursue Masters or Ph.D.courses in Biology-related disciplines.

Drug and Medicinal Product Analysis

Bachelor of Science (Honours)

Course Code: US864	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 309**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: The following is an outline of some of the key themes covered in the modules: Drug & Medicinal Product Technology, Testing & Manufacture. Instrumental Analysis covering Chromatography, Spectroscopy, Atomic Techniques, Microbiological Techniques. Pharmaceutical and Biopharmaceutical Microbiology and Biochemistry, Molecules in Medicine, Quality Control & Assurance, Quality Management, Good Manufacturing Practices, Validation & Qualification, Work Placement.

Class Contact Hours: 24 hours per week

Other Information: Work Placement in Year 3 (8 Months) | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **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 pharmaceuticals, biopharmaceuticals and medical devices, are manufactured and checked to make sure they are safe, effective, and of a high quality.

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. Students who graduate from this course are ready to obtain good, well-paid jobs in some of Ireland's most valuable industries.

Why take 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. There is an eight-month work placement in Year 3 to provide valuable work experience.

What can I do after this course?
The employment record of graduates of this course continues to be one of the best in Ireland. Graduates are equipped with the skills and competencies to gain employment in the pharmaceutical, biopharmaceutical, medical device, food and biotechnology industries.

Graduates work as Analytical Scientists, Production Specialists, Quality Assurance Specialists and at managerial level in both international and domestic companies.

Examples of companies where our graduates are working include: Regeneron, Lilly, Johnson & Johnson Vision Care, Edwards Lifesciences, Boston Scientific and GlaxoSmithKline. Graduates can continue their studies to Masters and PhD awards within TUS and beyond.

Environmental Science and Climate

Bachelor of Science (Honours)

Course Code: US868	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 290**
Thurles Campus, Co. Tipperary	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: Students on the Level 8 & Level 7 degrees will study a range of topics related to different streams and will include: **Environmental Management stream:** Climate Issues, Land Use, Biodiversity, Ecology, Environmental Management & Modelling. **Environmental Science:** Environmental Chemistry, Biology & Botany, Laboratory, Environmental Maths, Atmospherics, Hydrology. **Professional Skills:** Project Management, Professional Skills. **Sustainability:** Society & Sustainable Development, the UN Sustainable Development Goals, etc.

Bachelor of Science

Course Code: US736	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 307**
Thurles Campus, Co. Tipperary	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: **Year 1:** 21 hours per week, **Year 2:** 21 hours per week, **Year 3:** 19 hours per week, **Year 4:** 17 hours per week

Other Information: Work Placement in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Dr. Bridget Kirwan,** Course Leader
Tel: 0504 28253 | **Email:** Bridget.Kirwan@tus.ie

What is this course about?
Environmental Science and Climate is available through the CAO at Level 8 and Level 7 at TUS.

We live in an increasingly complex world, socially, economically and environmentally.The growing pressures on the environment present us with many challenges as well as opportunities. The challenge presented by climate change and the Sustainable Development Goals needs experts to negotiate the way forward. This course prepares students to help contribute to these challenges.

Students on the course will see the links between current theoretical and research data across the areas of climate change, environmental science and graduates will develop competencies in laboratory and field study skills as well as data analysis, mapping and modelling. Students will develop essential science skills and practice and practical lab work, as well as field work skills and mapping skills (GIS). Students will study the theory and practice of environmental science, sustainability and in addition the course also equips students with project management and the 'soft skills' (e.g. Communication skills) required to ensure that the knowledge can be employed to bring about change within formal organisational settings as well as within society more broadly.

To link the theory to practice in 3rd year students complete a semester of work placement which is essential to the course experience and offers real world work experience to the student.

Why take this course?
The course will appeal to anyone interested in learning about the environment and its importance in the world. If you want to develop an understanding of sustainability and what that includes and if you are interested in understanding the challenges of climate change, then this course is for you.

Relevant school subjects include geography and the sciences, but they are not mandatory. Mature students from various work backgrounds have successfully completed the course.

What can I do after this course?
Graduates are qualified for a wide range of roles from lab-based roles (environmental lab analysts) to field roles (bird surveys) and environmental management roles such as: Environmental Consultant, Environmental Specialist, Environmental Health and Safety roles, Ecologist, GIS Analyst, etc. Students from this course are highly employable and students can also progress to further studies in Masters and Ph.D programmes.

Forensic and Pharmaceutical Science

Bachelor of Science (Honours)

Course Code: US863	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 444**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: On both the Level 8 & Level 7 degrees, in 1st and 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 honours 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 culminates in year 3 with modules such as Forensic Toxicology and Drug Analysis, Molecular and Immunobiology and Work Placement.

Bachelor of Science

Course Code: US732	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 340**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: 24 hours per week

Other Information: Work Placement in Year 3 | Level 8 degree is accredited by The Chartered Society of Forensic Science UK | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Dr. Liz Moore,** Course Leader
Tel: 061 293110 | **Email:** Liz.Moore@tus.ie

What is this course about?
Forensic and Pharmaceutical Science is available through the CAO at Level 8 and Level 7 at TUS.

It 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 high practical content of the course equips our graduates with a highly desirable and much sought-after set of skills and expertise. This course will provide students with critical skills in key areas including, for example forensic evidence examination and interpretation, drugs in sport, analytical techniques, drug development and manufacture, pharmaceutical technology, biopharmaceuticals, statistical analysis, validation, and regulatory affairs.

Students also develop transferable skills in areas including problem solving, communicating, time management and team building. The course also includes an eight-month work placement in Year 3, (eg, State Laboratory, Regeneron, Stryker, Boston Scientific, Johnson and Johnson).

Why take 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 course is accredited by The Chartered Society of Forensic Science in the UK.

What can I do after this course?
Career prospects are diverse, with graduates holding public and private sector jobs in Forensic and State 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. Upon graduation, students may also progress to a Masters or PhD by research within TUS and beyond.

The Chartered Society of Forensic Sciences

Medical Technology

Bachelor of Science (Honours)

Course Code: US869	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 346**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.
Given the technical nature of the course, it is desirable that the student have a minimum grade of O3 or H6 in Leaving Certificate Mathematics or equivalent.

Modules at a glance: On the Level 8 & Level 7 degrees, in first and second year, you will study foundational modules such as Maths, Physics, Anatomy, Computing and Electronics, culminating in 3rd and 4th yearwith subjects such as Biomechanics and Biomaterials, Clinical Technology, Diagnostic Imaging and Radiotherapy, Rehabilitation Technology and Product Design, and Cybersecurity in Healthcare.

Bachelor of Science

Course Code: US735	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 398**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Given the technical nature of the course, it is desirable that the student have a minimum grade of O3 or H6 in Leaving Certificate Mathematics or equivalent.*

Class Contact Hours: 24 hours per week,

Other Information: Work Placement in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Contact Details: **Dr. Patrick Leydon,** Course Leader
Tel: 061 293166 | **Email:** Patrick.Leydon@tus.ie

What is this course about?
Medical Technology is available through the CAO at Level 8 and Level 7 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 would 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.

Why take 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.

A Work Placement in Year 3 provides valuable industry work experience for students. You will benefit from small class sizes, dedicated lecturers, and gain hands-on experience in state-of-the-art medical technologies as they are used in hospital, healthcare and industry settings.

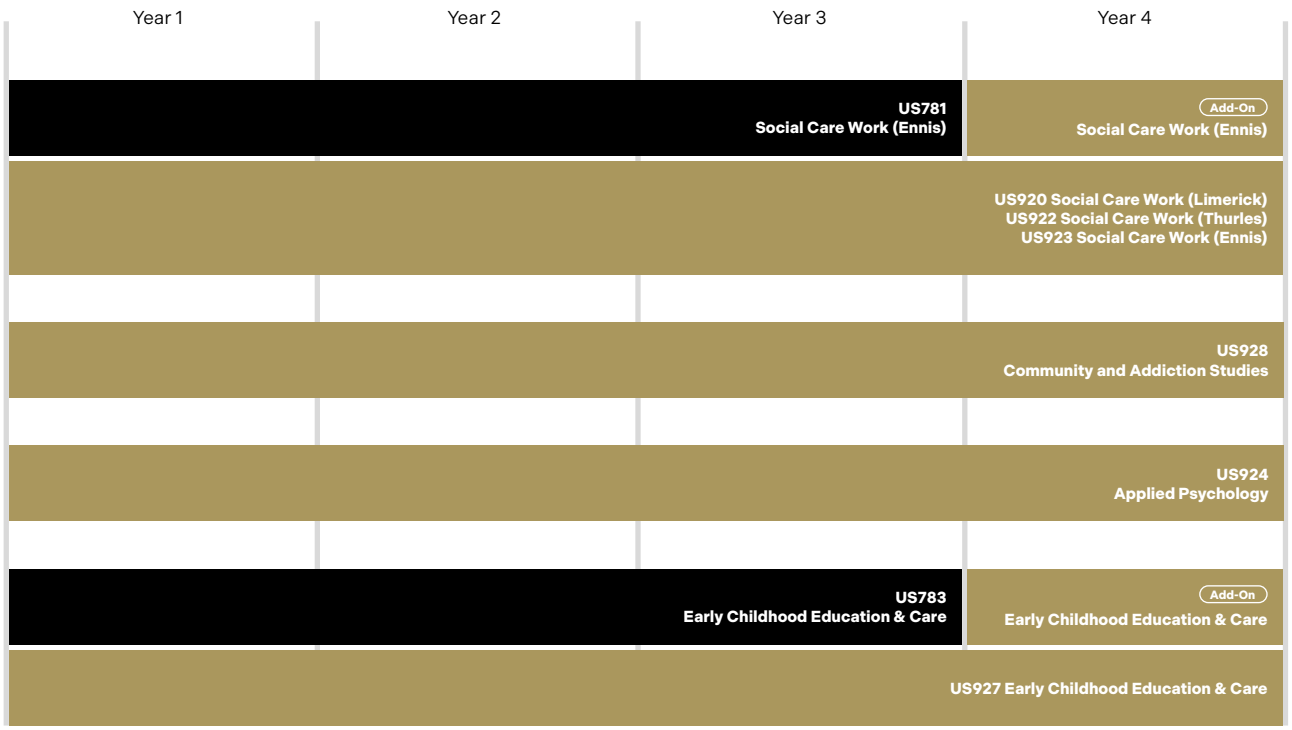
What can I do after this course?
Medical Technology graduates are in very high demand. Our graduates have gained employment in the following organisations; UHL Hospitals, National Children's Hospital, National Rehabilitation Hospital, Galway Clinic, Boston Scientific, Abbot Laboratories, Beckton Dickinson, Johnson and Johnson, Edwards Life sciences and Medtronic amongst others.

The roles our students are employed in include; Clinical Technician/Engineer, Field Service Engineer, Quality Engineer, Manufacturing Technician, Clinical Information Designer, Quality Assurance Specialist.

In addition, our 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 learn more about our Social Science courses.



Level 8 Courses

US924 Applied Psychology
Bachelor of Science (Honours) Ab-Initio

US928 Community & Addiction Studies
Bachelor of Arts (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)

Course Code: US924	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 408**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

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 / Study Abroad in Year 3 | Garda Vetting | QQI FET/FETAC Applicants

MATURE APPLICANTS: 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

RECOGNITION OF PRIOR LEARNING: Transfer applications can only be considered from other Psychological Society of Ireland accredited programmes.

ENGLISH LANGUAGE REQUIREMENTS: If an applicant's first language is not English, they will be required to provide certification of competence in English.

Contact Details: Department of Applied Social Sciences
Tel: 061 293857 | **Email:** DASS@tus.ie

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.

This exciting 4-year honours degree in Applied Psychology 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 take this course?
Psychology is a field of study for 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, education, marketing, business, politics and activism. Our staff are excellent teachers with active researchers who will help you develop your skills as a critical thinker who has the ability to conduct and evaluate research experiments on a variety of topics. This course is seeking accreditation for the Psychological Society of Ireland.

What can I do after this course?
Graduates with psychology degrees can expect greater career opportunities than almost any other discipline. A graduate of Applied Psychology will have the required foundation to follow a career in psychology including clinical practice and research, as well as a wide range of careers including: Human Resource Management, Social and Health Sciences, Advertising and Marketing, Criminal Justice, Industrial Psychology, Educational Psychology, Sports Psychology, Research, Politics and Activism, Counselling Psychology.

NOTE: Applied Psychology is designed to meet the requirements for registration with the Psychological Society of Ireland as a psychology graduate. As this is a new course, the process of registration with PSI is in progress. Psychology graduates with a recognised undergraduate qualification can go on to apply for postgraduate qualifications in Psychology which will qualify them to be designated as a psychologist.

Community and Addiction Studies

Bachelor of Arts (Honours)

Course Code: US928	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 235**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish. Mathematics is not a subject requirement for this course.

Modules at a glance: Introduction to Sociology, Safeguarding in Communities, Personal Development, Introduction to Community Development, Introduction to Youth Work, Foundations in Addiction Theory, Applied Social Policy, Information Management, Models of Community Work, Substance Use & Mental Health, Groupwork & Facilitation Skills, Physiological Processes of Addiction, Applied Community Intervention, Case Management, Advanced Participation Skills, Psychosocial Interventions, Project Management, Applied Research & Digital Literacy, Community Planning, Evidence based models of Intervention, Conflict & Crisis Management, Advocacy & Engagement, Leadership Skills, Research Project.

Class Contact Hours: 21 hours per week

Other Information: Work Placement in Year 2 & 3 | Garda Vetting | QQI FET/FETAC Applicants

RECOGNITION OF PRIOR LEARNING: Exemptions can be awarded only for achievement of learning outcomes and not experiential learning.

ENGLISH LANGUAGE REQUIREMENTS: If an applicant's first language is not English, they will be required to provide certification of competence in English.

Contact Details: Department of Applied Social Sciences
Tel: 061 293857 | **Email:** DASS@tus.ie

What is this course about?
This course is grounded in the principles of empowerment, human rights, inclusion and social justice. Students will develop the knowledge and skills to work in and meaningfully engage communities affected by addiction, to support voluntary activity and to progress community projects.

The course offers participants the skills and competencies to work in the voluntary sector, as well as with State or NGO (Non-Governmental Organisations) providers of community and social inclusion services and graduates can pursue careers in community initiatives with a focus on inclusive practice, empowerment and collaboration. Employment opportunities are wide ranging, to include national, regional or local projects which are addressing addiction, homelessness, unemployment, cultural development and community sports initiatives.

There is a very substantial practical and applied component to this course, so students will develop the real skills and competencies required for the workplace. A practical placement in years two and three are a key element of the course, which will allow students apply their learning in a real-life environment.

Potential Applicants please note: All applicants accepting a place on this course will be required to undertake Garda Vetting.

Why take this course?
This course will appeal to those interested in working in the areas of community development, social and inclusion services, State agencies, NGOs and the voluntary sector. Our staff are deeply engaged in community and addictions work and research. They will help you develop the skills you need to function confidently and effectively with addiction in your communities. Graduates of this course will be eligible for the CORU Social Care Work Register.

What can I do after this course?
There are significant opportunities for professional and career progression within the community, State and voluntary sectors. Graduates can work in a wide variety of roles including: Community Development Worker, Community Development Coordinator, Youth Worker, Policy Worker, Social Researcher/Research Assistant, Group Work Facilitator. Typically graduates may work for Family Resource Centres, LEADER companies, An Garda Síochána, the HSE, TUSLA, section 38 public agencies, as well as section 39 voluntary agencies (as per the Health Act 2004).

Early Childhood Education and Care

Bachelor of Arts (Honours)

Course Code: US927	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 329**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: Students on the Level 8 & Level 7 degrees will study a range of modules including: Education and Inclusive Practice, Active Learning, Sociology and Psychology, Applied Professional Practice, Child Health, Well-being and Safety, Research.

Bachelor of Arts

Course Code: US783	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: New**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Class Contact Hours: Up to 21 hours per week, depending on the year.

Other Information: Work Placement in Year 2 & 3 | QQI FET/FETAC Applicants | Mature Applicants | Garda Vetting

Contact Details: **Dr. Nuala Finucane,** Course Leader
Tel: 061 293054 | **Email:** Nuala.Finucane@tus.ie

What is this course about?
This course reflects a holistic view of young children's education (e.g. early stimulation, education, developmental activities) and care (e.g. health, nutrition, hygiene, safety and security, responsive caregiving) from 0 to 6 years. In addition, students will explore the role of school-age childcare, which caters for children from 6 – 14 years.

Throughout the four years students will engage in indoor and outdoor classroom-based active and practical learning, acquiring knowledge and skills in relevant areas, such as teaching and learning through play, physical activity, creativity and STEAM, child development, and inclusive and reflective practice. A supervised work placement in years 2 and 3 enables students to apply their knowledge and learn from practice. During the final year of study, students will engage in a small research project alongside exploring personal well-being, management and leadership in the ECEC sector.

The course design and content have been guided by this sector's policy and regulatory frameworks, such as Aistear, Síólta, First 5 and the Professional Award Criteria and Guidelines. The course is practical and applied, supporting graduates to become professional, reflective educators with an integrated approach to ECEC. An active learning environment is achieved through lectures, seminars, workshops and enquiry-based learning with children's learning materials. A new outdoor classroom has been developed at the Moylish campus, providing students with a practical facility to develop a range of skills when working with young children in an outdoor environment.

Placement Modules: Students will have two opportunities to experience the world of early childhood education and care in practice. A 400-hour supervised work placement in years 2 and 3 enables students to apply their theoretical knowledge and practical learning with the support of a work-based mentor and TUS-based academic supervisor. This work placement will bring students into direct contact with young children, where they will plan, implement and reflect on activities with individuals and groups of children. Therefore, in line with Children First (DCYA, 2015), TUS uses the Garda Central Vetting Unit (GCVU) service to assess the suitability of applicants.

What can I do after this course?
Graduates can avail of various employment opportunities, including early childhood educators and managers of early years settings, EC Development Officers, Inspectors with TUSLA and the Department of Education. Graduates have also academically progressed through postgraduate studies in inclusive practice, primary education, therapeutic intervention, and psychology.

Social Care Work

Bachelor of Arts (Honours)

Duration: 4 Years	**Course Level: 8**

US920 (Limerick)	**US922 (Thurles)**	**US923 (Ennis)**
2023 CAO Pts: 341	**2023 CAO Pts: 253**	**2023 CAO Pts: 236**

Moylish Campus, Limerick / Thurles Campus, Co Tipperary / Ennis Campus, Co Clare

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: Digital Literacy, Research & Writing Skills; Teamwork & Communication, Social Care Policy, Provision & Practice; Personal Development, Health, Advocacy, Equality & Safety in Social Care Practice , Introduction to Sociology, Safeguarding Vulnerable Adults & Child Protection, Psychology, Identity & Development Sociology & Diversity, Creative Studies & Recreational Skills, Assessment, Intervention & Challenging Behaviour; Social Psychology: Interaction & Groups; Child & Family Law, Practice Education Placement, Law & Social Care Regulation; Research Methods; Professional Development; Ethics & Leadership for Social Care Practice, Research & Evaluation, Advancing Theories of Psychology in Practice, Management for Quality Social Care Practice, Critical Debates in Social Care, Group Work Skills for Social Care Practice.

Class Contact Hours: 21 hours per week, depending on the year

Other Information: CORU Approved | Work Placement in Year 2 & 3 | Garda Vetting | Fitness to Practice | QQI FET/FETAC Applicants

NOTE: As this is a regulated profession, there are mandatory attendance requirements for modules in this course.

Contact Details: **Department of Applied Social Sciences**
Tel: 061 293857 | **Email:** DASS@tus.ie

What is this course about?
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.

Why take 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?
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.

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).

MATURE APPLICANTS: 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.

RECOGNITION OF PRIOR LEARNING: This course does not recognise prior learning.

ENGLISH LANGUAGE REQUIREMENTS: If an applicant's first language is not English, they will be required to provide certification of competence in English.

Social Care Work

Bachelor of Arts

Course Code: US781	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 173**
Ennis Campus, Co. Clare	

Progression to Level 8: Yes (Add-On)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: Digital Literacy, Research & Writing Skills; Teamwork & Communication, Social Care Policy, Provision & Practice; Personal Development, Health, Advocacy, Equality & Safety in Social Care Practice , Introduction to Sociology, Safeguarding Vulnerable Adults & Child Protection, Psychology, Identity & Development Sociology & Diversity, Creative Studies & Recreational Skills, Assessment, Intervention & Challenging Behaviour; Social Psychology: Interactions & Groups; Child & Family Law, Practice Education Placement, Law & Social Care Regulation; Research Methods; Professional Development; Ethics & Leadership for Social Care Practice.

Class Contact Hours: 21 hours per week, depending on the year

Other Information: CORU Approved | Work Placement in Year 2 & 3 | Garda Vetting | Fitness to Practice | QQI FET/FETAC Applicants

NOTE: As this is a regulated profession, there are mandatory attendance requirements for modules in this course.

MATURE APPLICANTS: 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.

ENGLISH LANGUAGE REQUIREMENTS: If an applicant's first language is not English, they will be required to provide certification of competence in English.

Contact Details: Department of Applied Social Sciences
Tel: 061 293857 | **Email:** DASS@tus.ie

What is this course about?
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, the course requires students to undertake two semesters of professional placement.

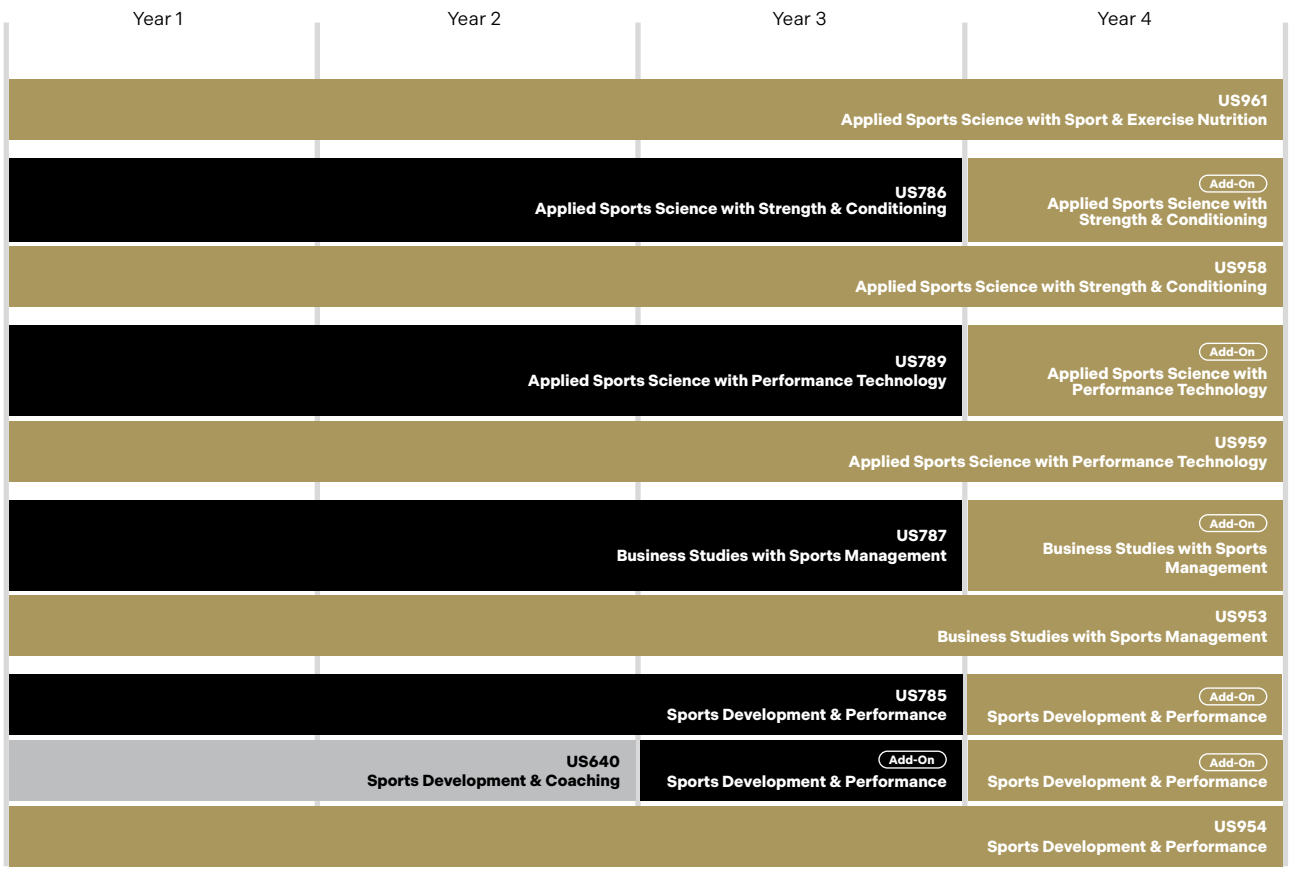
Why take this course?
Students will learn about evidenced-based approaches to building relationships, engaging with and advocating for vulnerable populations. Our staff are skilled teachers, scholars and practitioners who will help you develop yourself personally and professionally, so that you can effectively assess and treat the diverse needs of service users.

What can I do after this course?
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.

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).

Sport

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



Courses and Progression

Level 8 Courses

US961 Applied Sports Science with Sport & Exercise Nutrition
Bachelor of Science (Honours) Ab Initio

US959 Applied Sports Science with Performance Technology
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

US954 Sports Development & Performance
Bachelor of Arts (Honours) Ab Initio

Level 7 Courses

US789 Applied Sports Science with Performance Technology
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 Sport and Exercise Nutrition

Bachelor of Science (Honours)

Course Code: US961	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: New**
Thurles Campus, Co. Tipperary	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 and 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: 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.

Class Contact Hours: 18-24 hours per week, depending on the year

Other Information: Work Placement / Study Abroad in Year 3 | QQI FET/FETAC Applicants | Mature applicants

Professional Links: Sport & Exercise Nutrition Register (SENr) | Association for Nutritionists (AfN) | Sport Ireland National Strength & Conditioning Association (NSCA) | GAA | Local Sport Partnerships | ITEC | International Society for the Advancement of Kin Anthropometry (ISAK)

Contact Details: **Theresa Norton,** Course Leader
Tel: 0504 28000 | **Email:** Theresa.Norton@tus.ie

What is this course about?
This new and 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, this 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 this four-year 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 take 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 have the opportunity to 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 reflects the dynamic global sporting environment in which sports nutrition, testing, analysis, and businesses operate and prepares students for entry into employment in the private and public sector including National Governing Bodies for Sport, Elite Sport Teams, High Performance Centres, Gyms, Local Authority Organisations such as Sport Partnerships, Community groups, and Local Sport 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.

Applied Sports Science with Performance Technology

Bachelor of Science (Honours)

Course Code: US959	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 308**
Thurles Campus, Co. Tipperary	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: The Level 8 & 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).

Bachelor of Science

Course Code: US789	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 209**
Thurles Campus, Co. Tipperary	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: 18-24 hours per week depending on the year.

Other Information: Work Placement/Study Abroad in Year 3 on Level 8 & Level 7 courses | QQI Applicants | Mature Applicants | Garda Vetting

Contact Details: **Dr. Damien Young,** Course Leader
Tel: 0504 28000 | **Email:** Damien.Young@tus.ie

What is this course about?
Applied Sports Science with Performance Technology is available through the CAO at Level 8 and Level 7 at TUS.

It prepares students to work in the emerging field of sports analysis with course delivery through theory and practical classes emphasising the applied nature of exercise science and sports analysis.

You will study the core elements of exercise science with emphasis on the applied nature of the industry. Consequently, the modules have significant practical elements that focus on the competencies necessary to coach and analyse the athletes' performances. In first year, the focus is on introducing the principles and practices of resistance training, nutrition, warm-up, coaching skills, anatomy and exercise physiology. In subsequent years, you will explore performance analytics, biomechanics, performance measurement, testing, sports psychology and sport nutrition, GPS, injury management and rehabilitation. A full semester of Work Placement in Year 3 includes opportunities to work alongside video analysis personnel, assisting sports science staff, and assisting physios in the assessment and rehabilitation of sports injuries. The final year focuses on applied performance analysis and data analytics by learning how to programme plans for a range of components of fitness and develop strategies to measure an athlete's sports performance.

Why take this course?
This course offers students an opportunity to gain a qualification in exercise science while specialising in performance analysis. Significant emphasis is placed on preparing students to assess sports performance, design interventions, and recommend strategies to support coaches and athletes in their quest to improve performance. There are opportunities to take ITEC Gym Instruction & Personal Training and others.

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' for gyms, coaching, performance analysis or setting up your own sport business. Further education can be sought in sports performance analysis, sports coaching or sports psychology.

Learn more about this course:
PE & SPORTS PERFORMANCE WORKSHOPS, THURLES CAMPUS

17th November 2023
Book now at: schools@tus.ie

Applied Sports Science with Strength and Conditioning

Bachelor of Science (Honours)

Course Code: US958	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 219**
Thurles Campus, Co. Tipperary	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Modules at a glance: The Level 8 & 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).

Bachelor of Science

Course Code: US786	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 288**
Thurles Campus, Co. Tipperary	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Class Contact Hours: 18-24 hours per week depending on the year.

Other Information: Work Placement/Study Abroad in Year 3 on Level 8 & Level 7 courses | QQI Applicants | Mature Applicants | Garda Vetting

Contact Details: **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.

It prepares students to work with children, youth and adults in sports and exercise environments with delivery through theory and practical classes. A significant emphasis is placed on preparation of students to apply the theory into practical coaching sessions.

You will study the core elements of exercise science with emphasis on the applied nature of the industry. Consequently, the modules have significant practical elements that focus on the competencies necessary to coach and analyse the athletes' and individuals' performances. In Year 1, the focus is on introducing the principles and practices of resistance training, nutrition, warm-up, coaching skills, anatomy and exercise physiology. In subsequent years, students will build their knowledge and explore areas including Olympic lifting, fitness testing, biomechanics, speed and agility development, endurance development. sports psychology, injury management, rehabilitation, advanced resistance training, applied exercise physiology and coaching behaviours. A full semester of Work Placement in Year 3 provides opportunities to work alongside sports science staff while teaching athletes exercises in the gym, on-field warm-ups, sprint and conditioning activities, and assisting in the operation of GPS. There are opportunities to take UK Strength & Conditioning Association, United States National Strength & Conditioning Association Exams, ITEC Gym Instruction & Personal Training exams.

Why take 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 of this course are 'industry-ready' with employment available in the health and fitness industry, with sports teams, community activity programmes, sports' national governing bodies or can set up their own sport business. Graduates can also further their education in sports performance, sports coaching, sports psychology and physiotherapy.

Learn more about this course:
PE & SPORTS PERFORMANCE WORKSHOPS, THURLES CAMPUS

17th November 2023
Book now at: schools@tus.ie

Business Studies with Sports Management

Bachelor of Arts (Honours)

Course Code: US953	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 209**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: Students on the Level 8 & 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.

Bachelor of Arts

Course Code: US787	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 280**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Class Contact Hours: 20 hours per week depending on year.

Other Information: Work Placement/Study Abroad in Year 3 on Level 8 & Level 7 courses | QQI Applicants | Mature Applicants | Garda Vetting

Contact Details: **Ms. 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.

Develop your network of contacts through our professional links with various Sports Partnerships, the GAA, Camogie Association, FAI, Limerick FC, Munster Rugby, Thomond Park Stadium, the Irish Sports Council and Coaching 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. There are opportunities to complete National Governing Body of Sport training courses and Sport Ireland Safeguarding Training.

Why take 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. 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.

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 find employment with the national governing bodies, local sports partnerships, community and voluntary organisations, commercial gyms and leisure centres, TV and media companies, event management companies, professional clubs, and sports agencies, accounting firms, insurance, financial institutions, consultancy firms, human resource management roles, marketing roles, sales, business teaching (subject to completion of Professional Masters in Education).

Sports Development and Performance

Bachelor of Arts (Honours)

Course Code: US954	**Course Level: 8**
Duration: 4 years	**2023 CAO Points: 290**
Moylish Campus, Limerick	

Entry Requirements: Leaving Certificate: A minimum of 2 H5 and 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: 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.

Bachelor of Arts

Course Code: US785	**Course Level: 7**
Duration: 3 years	**2023 CAO Points: 253**
Moylish Campus, Limerick	

Progression to Level 8: Yes (Add-on)

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Class Contact Hours: Up to 24 hours per week, depending on the year of study.

Other Information: Work Placement/Study Abroad in Year 3 on Level 8 & Level 7 courses | QQI Applicants | Mature Applicants | Garda Vetting

Contact Details: **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.

Sports Development is the promotion of sports activities within communities and sports organisations. Sports development officers typically work with specific sports such as hurling, football, soccer and rugby, or with target populations such as children and younger people, older adults, women, ethnic groups, people with disabilities or people living in socially disadvantaged areas.

The role of the sports coach is diverse including mentor, analyst, organiser, demonstrator, physical trainer, and leader, always challenging themselves and their athletes to improve in the performance setting. This course aims to develop high quality graduates with the skills necessary to succeed in these dynamic and challenging industries. Our professional links with industry organisations such as Sport Ireland, sports partnerships, national governing bodies of sport (NGBs), sports clubs, community organisations, disability groups, gyms and leisure centres and coaching awards with various NGBs, enhance graduate career prospects.

Course modules across both the Level 8 and Level 7 degrees span a variety of key disciplines including sports development and coaching, health and fitness, business and management and personal and professional development. There are opportunities to complete national governing bodies of sport coaching awards and Sport Ireland safeguarding training.

Why take 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 may find work with sports partnerships, local authority development teams, NGBs, community groups, schools, sports clubs, youth organisations, high performance academy and adult sport environments as well as business related roles such as sports managers/ coordinators, sports analysts, and graduate jobs in private and public sector organisations. Graduates may also pursue various post-graduate opportunities.

Sports Development and Coaching

Higher Certificate in Arts

Course Code: US640	**Course Level: 6**
Duration: 2 years	**2023 CAO Points: 170**
Moylish Campus, Limerick	

Progression to Level 7 and 8: Yes (Add-on)
Progression available to Level 7 & Level 8 degrees in Sports Development & Performance

Entry Requirements: Leaving Certificate: A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this course.*

Modules at a glance: Modules span a variety of key disciplines including sports development and coaching, health and fitness, business and management and personal and professional development. Core areas of study include (but not limited to) coaching, strength and conditioning, psychology, nutrition, sports development, ethics and governance, fundamental movements and biomechanics, sports events, communications and technology, law and marketing.

Class Contact Hours: Up to 24 hours per week, depending on the year of study.

Other Information: QQI Applicants | Mature Applicants | Garda Vetting

Contact Details: **Dr. Marion Geary,** Course Leader
Tel: 061 293816 | **Email:** Marion.Geary@tus.ie

What is this course about?
Sports Development is the promotion of sports activities within communities and sports organisations. Sports development officers typically work with specific sports such as hurling, football, soccer and rugby, or with target populations such as children and younger people, older adults, women, ethnic groups, people with disabilities or people living in socially disadvantaged areas. The role of the sports coach is diverse including mentor, analyst, organiser, demonstrator, physical trainer, and leader, always challenging themselves and their athletes to improve in the performance setting.

This course aims to develop high quality graduates with the skills necessary to succeed in these dynamic and challenging industries. Our professional links with industry organisations such as Sport Ireland, sports partnerships, national governing bodies of sport (NGBs), sports clubs, community organisations, disability groups, gyms and leisure centres and coaching awards with various NGBs, enhance graduate career prospects. There are also opportunities to complete national governing bodies of sport coaching awards and Sport Ireland safeguarding training. Course modules span a variety of key disciplines including sports development and coaching, health and fitness, business and management and personal and professional development.

Why take 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 progress to 3rd year of the Sports Development and Performance degree at Moylish campus. Graduates may find work with sports partnerships, local authority development teams, national governing bodies, community groups, schools, sports clubs, youth organisations, high performance academy and adult sport environments as well as business related roles such as sports coordinators, sports analysts, and graduate jobs in private and public sector organisations.

Athlone
Clonmel
Ennis
Limerick
Thurles

www.tus.ie