Institute for Creative Leather Technologies

Undergraduate and Postgraduate Courses.

University of Northampton
Institute for Creative Leather Technologies

New Campus!
New Tannery
Leathersellers’ Certificate.

This one year full time course is all you need to gain entrance to a career in the leather industry. Today’s leather industry is a global business with links from the farm to many of the world’s top brands. Think Aston Martin, Virgin Atlantic, Clarks shoes, Nike and Burberry and you have just a feel for the sectors and customers for leather with whom you are likely to be working.

The need for new recruits into the industry, from production through to supply, has never been higher. All students get a thorough grounding in leather and its requirements. The course is hands on as well as theoretical and you will have plenty of opportunity to both make and test your own leather.

Primarily designed for those aiming to go straight into industry, the course is also a perfect grounding for further study or for those already in industry wishing to develop their technical leather knowledge.

In choosing to study leather at Northampton you will enter one of the strongest industry alumni groups with our graduates placed in senior positions throughout the world and keen to help you advance your career.

Course Content:

This course is a balance of theory and practical work. The core modules forming the backbone of the Leathersellers’ Certificate will develop your knowledge and understanding of leather technology and one optional module allows you to develop your interest in Leather Science or a business discipline.

The course involves a large proportion of practical experience.

Core modules:
- Leather Technology & Materials Evaluation – Raw to Tanned
- Leather Technology & Materials Evaluation – Tanned to Crust
- Raw Materials and End Use
- Surface Coatings

Optional modules (select one):
- Leather Science
- Foundations of Marketing
- Introduction to Marketing Communications
- Introduction to Management
- Enterprise and Opportunity

Assessment:
You will be assessed through a variety of methods such as:
- Tannery Reports
- Laboratory Reports
- Reflective Portfolios
- Critical Reviews
- Assignments
- Group Projects
- Presentations
- Time-constrained Tests
- Examinations.

Career opportunities:
On graduation, you will find yourself in high demand from employers. We have requests from more employers than we have graduates to fill their vacancies.

Roles include technical management, chemical sales, technical support, research and development, as well as advisory positions in leather purchasing for brands and companies using leather, including clothing, upholstery and automotive industries.

Entry requirements:
A typical offer would be CCC at A-Level or MMP at BTEC. In addition, you should have studied a physical science subject at A-level or equivalent. We also welcome applicants with significant prior experience in the leather industry. The minimum English language requirement is IELTS 6.0 (or equivalent) if your native language is not English.

Additional information:
Successful students from this course can also achieve Advanced Entry into Year 2 to undertake The Leathersellers’ Diploma at the University of Northampton.

You will need to allow for the following additional costs over and above your course fees:
- £100 to cover personal protective clothing and contribution to raw materials
- Individual spray gun - £40
- Student membership to the Society for Leather Technologists and Chemists - £26 (optional).
Leather Technology BSc (Hons).

If you are interested in a technical, scientific or creative career, involving work and travel within the leather industry, this course is an excellent choice.

The leather industry, including the sports, luxury goods, footwear, automotive and fashion sectors, is short of technically skilled staff and is actively searching for well-trained graduates.

This three-year degree provides complete preparation for entry into the leather industry. Much of the course involves practical experience of leather making and testing, as well as the theory to underpin this experience, culminating in an independent final project. You will be taught by world-leading researchers who are involved in current and innovative industry processes.

Our close relationship with industry means you will frequently network with senior executives, many of whom are leather alumni. This provides you with the opportunity to build your own network of industry contacts in readiness for your future career.

Course Content:

This course is unique in the UK, Europe and is recognised by employers throughout the world. Through this course you are able to specialise in and focus on an aspect of the leather industry that you find particularly interesting. You will be exposed to a number of science disciplines and interact with industrial experts during workshops and seminars.

Modules:
- Leather Technology & Materials Evaluation – Raw to Tanned
- Leather Technology & Materials Evaluation – Tanned to Crust
- Raw Materials and End Use
- Surface Coatings
- Cleaner Leather Manufacture
- Leather Manufacture and Sustainability
- Research project.
One further optional module allows you to develop your interest in Leather Science or a business discipline.

Assessment:
You will be assessed through a variety of methods such as:
- Tannery Reports
- Laboratory Reports
- Reflective Portfolios
- Critical Reviews
- Assignments
- Group Projects
- Presentations
- Time-constrained Tests
- Examinations.

Career opportunities:
On graduation, you will find yourself in high demand for job offers. We have requests from more employers than we have graduates to fill their vacancies. Roles include technical management, chemical sales and technical support within research and development, as well as advisory positions in leather purchasing for companies using leather, including clothing, upholstery and automotive industries.

Entry requirements:
A typical offer would be CCC at A-Level or MMP at BTEC. In addition, you should have studied a physical science subject at A-level or equivalent. We also welcome applicants with significant prior experience in the leather industry. The minimum English language requirement is IELTS 6.0 (or equivalent) if your native language is not English.

Additional information:
You will need to allow for the following additional costs over and above your course fees:
- £100 to cover personal protective clothing and contribution to raw materials
- Individual spray gun - £40
- Student membership to the Society for Leather Technologists and Chemists - £26 (optional).
Entry Requirements:
You will need to hold a recognised first or second class honours degree from a UK university or international equivalent in a relevant subject. We also consider applicants with lower level qualifications or qualifications in a different subject area if you have relevant experience in the leather industry.

The minimum English language requirement is IELTS 6.5 (or equivalent) if your native language is not English.

Learning, Teaching and Assessment:
We use a range of teaching methods including lectures, seminars, workshops and practical sessions. Our virtual learning environment allows you and course tutors to exchange ideas as well as submit assignments from home. You will be mainly assessed through coursework including practical reports, reflective portfolios, presentations and a dissertation.

Course Structure:
The programme is in a blended learning format. The taught provision for the course is undertaken within 12 weeks at the Institute of Creative Leather Technologies at the University of Northampton. Assessments and the Dissertation may be carried out at the ICLT at the University (requiring a Tier 4 Visa), or off-site at your place of residence (student visitor visa).

Modules:
Compulsory Modules:
- Advanced Leather Processing
- Advanced Leather Finishing
- Quality Evaluation and Systematic Problem Solving
- Sustainable Manufacture within the Leather Industry
- Research and Analytical Methods
- Dissertation.

Optional Modules:
- Hide to High Street
- Leather Science
- Marketing: Principles and Management
- Global Marketing Strategy
- Managing Operations
- Podiatry: Applied to the Footwear Industry
- International Wastes Management.

Additional Information:
You will need to allow for £100 to cover personal protective clothing and contribution to raw materials over and above your course fees.
Entry Requirements:
You will need to hold a recognised first or second class honours degree from a UK university or international equivalent in a relevant subject. We also consider applicants with lower level qualifications or qualifications in a different subject area if you have relevant experience in the leather industry.

If English is not your first language you will need to meet the minimum English language requirement of IELTS 6.5 (or equivalent).

Learning, Teaching and Assessment:
We use a range of teaching methods including lectures, seminars, workshops and practical sessions. Our virtual learning environment allows you and your course tutors to exchange ideas as well as submit assignments from home. You will be mainly assessed through coursework including practical reports, reflective portfolios and presentations.

Additional Information:
You will need to allow for £100 to cover personal protective clothing and contribution to raw materials over and above your course fees.

New postgraduate courses starting in January 2020.

If you are seeking a postgraduate leather course without committing to a whole year of study, then these courses will be an excellent choice. Our postgraduate Certificate and Diploma courses are ideal for those wishing to enter the leather industry or further develop existing leather knowledge. Whether you are from a science, technology or creative fashion background, there is a course for you.

Study will take place on a theoretical basis, enhanced by hands-on practical work in both our tannery and laboratories. The close relationship with industry during your study provides networking opportunities and further enhancement of employment within an exciting and global industry.

If you have a science or technology background:

**PG Certificate**
**Leather Technology**
**60 credits of study**
Six weeks of intensive study:
- Advanced Leather Processing
- Advanced Leather Finishing
Plus assessments

**PG Diploma**
**Leather Technology**
**120 credits of study**
Equivalent of 12 weeks intensive study:
- PG Certificate modules (opposite) plus:
- Quality Evaluation and Systematic Problem Solving
And a choice of two further modules:
- Sustainable Manufacture within the Leather Industry
- Leather Science
- Or a variety of distant learning modules from business / marketing / environmental topics
Plus assessments
Business-related Master’s programmes.

A business-related Master’s programme will enhance your technical knowledge with management and business skills, to prepare you for senior management positions.

MBA
As the ultimate multi-disciplinary preparation for future business leaders, the MBA seeks to develop the managerial skill you need to run business organisations with knowledge, imagination and flair.
Placement options: 6 months or 12 months.*
Also available by Distance Learning.

MSc Management
A combination of general and specialist management skills will prepare you to excel in one of the following: International Business, International Entrepreneurship, Marketing, Financial Analysis or Human Resources.
International Business pathway available by Distance Learning.

MSc International Logistics
A key business sector affecting every industry: develop your understanding of raw material supply, resource recovery, transportation and learn how to reduce operating costs, develop shorter lead times and deliver better value for customers.
Placement option: 12 months.*
Also available by Distance Learning.

MSc Project Management
Learn to think laterally, challenge convention and offer knowledge-based solutions to the issues facing your business. From the fundamentals through to addressing risk, resilience and contingency planning, prepare yourself to drive projects to a successful conclusion.
Placement option: 12 months.*
Also available by Distance Learning.

* Whilst you will be given every support in finding a placement, they are highly competitive and we cannot guarantee an offer of a placement from an employer.

The Institute for Creative Leather Technologies.

The Institute for Creative Leather Technologies (ICLT) is a world-leading, unique research and education centre, attracting students and researchers from around the globe. Our research is at the forefront of developments in the scientific and technological requirements of the automotive, fashion, footwear and allied leather industries.
Understanding new and traditional leather processing techniques expands the possibilities of how leather can be used. Our research programme has an impact on diverse sectors, including medical and technological applications. Our partnerships also take leather developments into engineering, media and fashion.

Our research interests include:
- understanding and modelling the science underpinning leather technology
- the viscoelastic response of leather to processing conditions
- the role of the solvent in leather manufacture, including the replacement of water
- the development of new tanning methods from traditional processes
- the application of novel chemistries to make new leathers and collagenic biomaterials
- the role of biochemistry in leather making
- modelling the mechanical processing of leather
- the management of the by-products and waste from leather manufacture
- sustainability of leather manufacture, including the environmental impact of processing
- applied collagen research for medical applications, such as scaffolds for cell growth
- the deterioration and conservation of leather and related heritage artefacts.

Email us at iclt@northampton.ac.uk
Based on the evidence available, the TEF Panel judged that the University of Northampton delivers consistently outstanding teaching, learning and outcomes for its students. It is of the highest quality found in the UK.