



Online BSc in Operational Excellence



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What is Operational Excellence?

Operational Excellence is the vehicle used to achieve the goal of excellence in operations, reducing duplicated effort and waste by tackling inefficient processes, to deliver an efficiency of flow and more effective products and services.

Operational Excellence supports the delivery of all business operations and process improvements across the organisation, and aims to enable and embed a culture of continuous improvement.

The Online BSc

The Online BSc in Operational Excellence is the only online Bachelor of Science degree in Operations Excellence in the world.

It is specifically designed to increase and support the use of Operational Excellence methodologies in the workplace and help businesses and public organisations develop stronger operations and become more competitive.

Course information

Qualification	BSc in Operational Excellence
Learning type	Work-based learning
Entry points	January, April, July, October
Duration	Three years, part-time
Entry requirements	Applicants are expected to have a minimum of three years' experience in front-line or support operations, confirmed by their HR Department.
Delivery method	E-learning: Students will need to study and pass four modules per year. Each year includes 60 hours of online content. Work-based projects: Students will take part in one substantial project, or a portfolio of smaller projects, for six months of the year, each year.
Assessment method	E-learning (180 credits): Module assessments are carried out by an end of module exam (taken online), and written assessment. Work-based projects (180 credits): Assessed by project presentation in front of an expert panel and project portfolio.
Application process	Students can join as part of their organisation's programme. A minimum of six to eight students per cohort is required. Applications can be submitted by the students themselves or by their organisation.
Fees	£4,750 per year

Course overview

Built with the needs of organisations and their employees in mind, the online BSc in Operational Excellence allows employees to develop a strong knowledge of Operational Excellence and its methodologies whilst also emphasizing the direct application of the knowledge taught, via the implementation of a work-based project.

E-learning

All modules are taken and assessed online, for a transparent, consistent and flexible delivery; this also allows for a more engaging and interactive content. What is more, the course is fully accessible via a computer, tablet or even mobile phone (Android and Apple devices) for an easy integration within your organisation.

Students are supported by a tutor who regularly assesses progress made and guides them through their journey. Online help is also available should students experience any difficulties with the learning portal.

Work-based project

The work-based project aspect of the course not only provides students with an opportunity to apply their newly acquired knowledge, it also quickly contributes back to the organisation, to the direct benefit of the employer. Students are expected to take part in one substantial project, or a portfolio of several smaller, projects for six months of the year, each year.

Each year, students need to study and pass four E-learning modules selected from the options shown in this table

	E-LEARNING					WORK-BASED PROJECT(S)	TOTAL CREDITS
	STRATEGIC OPERATIONS	HIGH PERFORMANCE OPERATIONS	IMPROVEMENT AND SYSTEMS	HIGH PERFORMANCE PEOPLE SKILLS	INNOVATION AND CHANGE		
YEAR 3 BSc Degree (FHEQ Level 6)	Strategic Operating Models for Digital Economy (15 credits)	Supply Chain Operations Management* (15 credits)	Business Decision Making (15 credits)	Leading and Managing for Operational Excellence (15 credits)	Innovation and Design Thinking (15 credits)	Work-based Project(s) (60 credits)	120
YEAR 2 Higher Diploma (FHEQ Level 5)	Business Information Systems (15 credits)	Service Operations Management* (15 credits)	Improvement and Systems (2) (15 credits)	Managing People and Operations (15 credits)	Introduction to Innovation and Change (15 credits)	Work-based Project(s) (60 credits)	120
YEAR 1 Higher Certificate (FHEQ Level 4)	Foundations of Operational Excellence* (15 credits)	Lean Operations Management* (15 credits)	Improvement and Systems (1) (15 credits)	Managing People and Teams (15 credits)	Managing Improvement Projects (15 credits)	Work-based Project(s) (60 credits)	120

* Compulsory module

Benefits

- **A training method conducive to the delivery of a consistent learning programme**

The E-learning methodology removes the need for fixed training timeslots and training rooms. It facilitates the delivery of a unique programme across different areas of the same organisation, ensuring the training is delivered in a consistent, fast and efficient way, with minimum disturbance to the business and its clients, and at a lower cost.

- **A 'hands-on' approach that benefits both the employer and their employees**

This undergraduate work-based degree requires students to complete corporate projects that will enable them to put their new skills directly into practice and generate a fast return on investment, to the full benefit of their employers.

- **A flexible and engaging E-learning method**

The online delivery fully benefits employees who will be able to follow the course at the most appropriate time for them, wherever they are based, to apply theory and deliver real business benefits. The online BSc in Operational Excellence is a training opportunity that strongly resonates with the latest generation entering the job market, the Millennials, who value training and development as well as flexible working opportunities.

Our team

The Online BSc in Operational Excellence has been developed by the renowned University of Buckingham in partnership with leading Operational Excellence and E-learning expert, Reinvigoration. Thus providing students with the ultimate learning and development experience.

The Buckingham Lean Enterprise Unit (BLEU) team have been running MSc programmes in Lean since 1999 and have built a strong international reputation. Some of the world's leading figures from the world of OpEx are involved in the development of the course content.

Reinvigoration are a leading expert in Operational Excellence. Their team has a proven experience in supporting organisations all over the world to better define and meet their Operational Excellence goals via a blend of consulting, training and resourcing services. They also specialise in developing bespoke operational management e-learning programmes for public and private organisations.

Professor Pauline Found

Pauline is Professor in Operations Management and Lean at the University of Buckingham. She is Programme Director for the Professional Doctorate programme and is co-author of the Shingo prize-winning publication 'Staying Lean: Thriving Not Just Surviving'. She was President of the College of Behavior, a college of the International Society of Production and Operations Management (POMS).



Professor John Bicheno

John is a professional engineer and Professor of Lean Enterprise. He is author or co-author of 11 books in the Lean Manufacturing, Lean Service, Lean Systems, and Six Sigma areas, including 'The Lean Toolbox'.



Chris Dando

Chris is one of the co-founders of Reinvigoration. He is passionate about developing and delivering tailored improvement approaches that tackle varied client needs. Chris leads Reinvigoration's E-learning development team who specialises in delivering high quality operational excellence training programmes for organisations around the world.



Contact us

To find out more about the Online BSc, please contact us:

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