



UCD School of Nursing, Midwifery and Health Systems
UCD College of Health and Agricultural Sciences



Mater Lean Academy
Process Improvement for
Person-centred Cultures in
Healthcare



UCD and Lean Academy Programmes

The only Process Improvement programme that addresses the synergies and divergences between improvement methodologies such as Lean, Six Sigma, and person-centred care.

Why Study with UCD Health Systems and the Mater Lean Academy?

- Ireland's first university accredited, clinically focused programme for process improvement in healthcare.
- UCD Health Systems takes a leading role in research, education, innovation and impact in healthcare nationally and internationally.
- Education in leadership is provided by experienced academic and clinical leaders, as we believe that this enhances students' ability to appreciate systems, engage stakeholders and implement change.
- The programme is based on an innovative model for using process improvement methodologies such as Lean, Six Sigma and the Model for Improvement with person-centred approaches to care.
- Our programmes immerse students in the health system allowing first-hand experience of problem solving in diverse healthcare settings.
- Our programmes also include reference site visits to Centres of Excellence to further enhance the student experience.

Collaborative. Inclusive. Participatory.

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The Mater Lean Academy Programme is a thought provoking and engaging programme which has enabled me to gather the necessary change management tools to generate sustainable and meaningful improvements in a healthcare setting. I would highly recommend the Mater Lean Academy Green Belt Programme.

Erin Daly
Operations Manager, The Pillar Centre for
Transformative Health, Lean Six Sigma Black Belt

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The Lean Academy Greenbelt is an outstanding opportunity to learn Lean Six Sigma and apply it to a clinical problem in your own institution. I would encourage teams to apply to this very instructive course if you wish to learn about emergent change in healthcare. It proved very effective in improving patient care in our outpatient department.

Colin McMahon
MD FRCPI

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UCD and Lean Academy Programmes

We offer a suite of Process Improvement Programmes in Healthcare:

Fundamentals of Process Improvement for Healthcare (White Belt): Intensive One-Day introduction to Process Improvement methodologies including Lean and Six Sigma for process improvement in Healthcare

- » NMBI accreditation: 6 CEU's.
- » Delivered in the Mater Academic Hub or on-site in your organisation.

Professional Certificate Process Improvement in Health Systems (Green Belt): Learn to improve processes in Health Systems by gaining an understanding of the principles and philosophy of process improvement methodologies including Lean, Six Sigma, and Person-centred care, applying them in your own organisation.

- » Six Month, part time programme
- » NFQ Level: 8; ECTS credits: 10.
- » Delivered via blended learning.

Graduate Diploma Process Improvement in Health Systems (Black Belt): Develop process improvement, leadership, research, strategy, innovation and project management skills to drive the changes necessary for a successful healthcare transformation within your organisation.

- » 1-year part time programme.
- » NFQ Level: 9; ECTS credits: 60.
- » Delivered in UCD Health Sciences, UCD Belfield.

Covering modules including:

- Improving Processes in Health Systems
- Managing Process Improvement: Theory and Principles
- Implementing a Process Improvement Project (IMPPIP)
- Strategic Leadership for Healthcare Improvement and Innovation
- Innovations in Healthcare, Local and Global

Our programmes are open to healthcare professionals nationally. All module credits earned contribute to the 90 ECTS-credit requirements of UCD's MSc in Leadership, Innovation and Management for Healthcare.

About Us

To date over 2000 healthcare staff from 7 hospital groups, Community Health Organisations, and other private and public healthcare facilities in Ireland have undertaken a process improvement healthcare programme with us. We work with people to use process improvement management and science to improve the quality of the healthcare experience for patients, their relatives and staff.

Our Project work adopts a Person-centred approach to deliver process improvement in a healthcare environment. With over 150 Projects delivered nationally, and 7 National healthcare awards, the UCD and Mater Lean Academy process improvement programme is recognised as a leader in the context of process improvement in Ireland.

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Process improvement training has provided me and my department with many practical tools for identifying non value add and variation within a process and eliminating or reducing these. This promotes refinement and consistency of practise, concepts which are extremely important in the modern health service. Through the application of lean principles the radiology department strives to improve the overall service we provide to all reliant on us but most importantly our end user, the patient.

Lee O'Hora

Radiographer, HSE CHO 1
Lean Six Sigma Green Belt

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For further information

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