



1. Programme title(s):

MSc Diabetes

Post Graduate Diploma in Diabetes

Post Graduate Certificate in Diabetes

Single Modules in Diabetes

2. Awarding body or institution:

University of Leicester

3. a) Mode of study:

Part Time Only/Module Only

b) Type of study:

Distance Learning

4. Registration periods:

The programme will follow the University regulations:

- MSc (180 credits)
 - Normal period of registration: 24 months part-time
 - Maximum registration period: 48 months part-time
- PG Dip (120 credits)
 - Normal period of registration: 16 months part-time
 - Maximum registration period: 32 months part-time
- PG Cert (60 credits)
 - Normal period of registration: 9 months part-time
 - Maximum registration period: 18 months part-time
- Single Modules (15/30 credits)
 - Normal period of registration: 2-4 months part-time
 - Maximum registration period: 12 months part-time

5. Typical entry requirements:

Candidates should normally have at least a second class honours degree or equivalent, and have qualified healthcare professional status (medicine, nursing or other similar recognised profession). Additionally, they should have at least two years' professional experience in a health or social care setting, preferably in the field of diabetes. Because applications are treated on an individual basis, candidates with alternative qualifications and evidence of being able to study at a master's degree level may be considered. Entrants must be able to demonstrate relevant experience in diabetes, either through a written personal statement, a formal interview and/or references.

Candidates can apply and register for a maximum of 60 credits of single modules. Candidates would need to sign up for a PG Cert/PG Dip/MSc if they wish to study more than 60 credits. Students taking single modules are only permitted to study one module at a time.

Students will be required to meet the standard English language requirements set out in [Senate regulation 1](#)

6. Accreditation of Prior Learning:

Students can APL up to 60 credits into the PG Diploma or the MSc from another course and in accordance with [Senate Regulation 2](#) and the University [Policy on the Accreditation of Prior Learning](#). Credits must be at Level 7 and must be relevant to the programme. For the PG Cert students will be able to APL up to 30 credits into the programme. All APL of credits will be considered on an individual basis by the course directors once evidence of the APL credits has been submitted.

7. Programme aims:

This programme aims:

- To equip students with the knowledge and skills to deliver effective, high quality, evidence based clinical diabetes care in adults underpinned by the latest academic advances
- To maximise confidence by providing a highly interactive positive learning environment in which the student realises their own academic development
- To give MSc students experience of research through the module entitled Foundation Research and the Dissertation Module which will prepare them for further research opportunities or health related career posts requiring these skills.

8. Reference points used to inform the programme specification:

The programme is being written in accordance with the International Curriculum for Diabetes Health Professional Education (2008)

The following documents have been used to provide benchmarking and inform the content and standard of the programme:

- [University of Leicester Learning and Teaching Strategy 2011-2016](#)
- External Examiners' report (annual)
- University of Leicester Periodic Developmental Review Report
- [QAA Institutional Audit \(2009\)](#)
- The framework for higher education qualifications in England, Wales and Northern Ireland FHEQ. 2nd Edition (October 2014)
- QAA. Benchmark Statement: Health Care Programmes – Phase 2 (2004)
- NHS. National Service Framework for Diabetes: Standards (Dec 2001)
- NICE Technology Appraisals related to diabetes
- NICE Guidance related to diabetes
- [QAA The UK Quality Code for Higher Education](#)
- QAA Masters Degree Characteristics 2015
- [IDF International Standards for Education of Diabetes Health Care Professionals \(2015\)](#)
- Feedback from the Marketing Communications Office

9. Programme Outcomes:

Unless otherwise stated, programme outcomes apply to all awards specified in 1. Programme title(s).

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
<i>(a) Discipline specific knowledge and competencies</i>		
Knowledge		
<p>Certificate</p> <p>Identify and recognise the components of clinical presentation and management in all aspects of diabetes care. In addition to this students will gain sound knowledge of the theories and evidence bases underpinning their chosen option modules</p>	<p>Certificate</p> <p>On line Lectures and podcasts, tutorials, directed reading, webinars, problem solving online scenarios, discussion forums, reflective journals and weekly live chats</p>	<p>Certificate</p> <p>Essays, exam, discussion forum and reflective journal</p> <p>Complete assignments</p>
<p>Diploma</p> <p>In addition to the above, graduates should possess a sound knowledge of the complications of diabetes, and knowledge from their extra option modules studied</p>	<p>Diploma</p> <p>As above</p>	<p>Diploma</p> <p>As above</p>
<p>Masters</p> <p>In addition to the above, students should possess knowledge of research methods and methodologies through the Foundation Research Module and management of dissertation project</p>	<p>Masters</p> <p>In addition to the above, the dissertation supervision process, tutorials and independent study.</p>	<p>Masters</p> <p>Oral presentation of dissertation and completion of written dissertation.</p>
Concepts		
<p>Certificate</p> <p>Demonstrate how to interpret, evaluate and apply theory of the concepts of various areas of diabetes care to clinical practice, including, basic clinical presentation and management, new and advanced therapies, insulin management</p>	<p>Certificate</p> <p>On line lectures and podcasts, tutorials, directed reading, webinars, problem solving online scenarios, discussion forums, reflective journals and weekly live chats</p>	<p>Certificate</p> <p>Essays, discussion forum and reflective journal</p> <p>Complete assignments</p>
<p>Diploma</p> <p>In addition to the above, students should be able to explain and critique core methods relating to the presentation and management of diabetes complications, to their chosen option modules</p>	<p>Diploma</p> <p>On line Lectures and podcasts, tutorials, directed reading, webinars, problem solving online scenarios, discussion forums, reflective journals and weekly live chats</p>	<p>Diploma</p> <p>As above</p>
<p>Masters</p> <p>In addition to the above, graduates should be able to explain and critique the application of research methods concepts to a dissertation project</p>	<p>Masters</p> <p>In addition to the above, the dissertation supervision process, tutorials and independent study.</p>	<p>Masters</p> <p>In addition to the above, oral presentation of dissertation and completion of written dissertation</p>

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Techniques		
Certificate Demonstrate clinical expertise and identify personal competencies needed in clinical practice for various aspects of diabetes care, being able to identify appropriate treatment and management regimens with the ability to justify choice of chosen clinical management decisions	Certificate On line lectures and podcasts, tutorials, directed reading, webinars, problem solving online scenarios, discussion forums, reflective journals and weekly live chats	Certificate Essays, exam, discussion forum and reflective journal Complete assignments
Diploma As above in additional speciality areas of diabetes	Diploma On line lectures and podcasts, tutorials, directed reading, webinars, problem solving online scenarios, discussion forums, reflective journals and weekly live chats	Diploma As above
Masters In addition to the above, students should apply chosen research methods/techniques to a dissertation project	Masters In addition to the above, the dissertation supervision process, tutorials and independent study.	Masters In addition to the above; Oral presentation of dissertation and completion of written dissertation
Critical analysis		
Certificate Critically review, debate and discuss literature on the management of diabetes care	Certificate On line lectures and podcasts, tutorials, directed reading, webinars, problem solving online scenarios, discussion forums, reflective journals and weekly live chats.	Certificate Essays, exam, discussion forum and reflective journal Complete assignments
Diploma As above in additional specialist subjects related to diabetes	Diploma As above	Diploma As above
Masters In addition to the above, be able to analyse, interpret and critically appraise dissertation data/findings and discuss recommendations	Masters In addition to the above, the dissertation supervision process, tutorials and independent research	Masters In addition to the above; Oral presentation of dissertation and completion of written dissertation
Presentation		
Certificate Ability to present orally in writing individual and group work, specifically case study discussions, critical appraisal of published literature	Certificate On line lectures and podcasts, tutorials, directed reading, webinars, problem solving online scenarios, discussion forums, reflective journals and weekly live chats	Certificate Essays, exam, discussion forum and reflective journal Complete assignments
Diploma As above	Diploma As above	Diploma As above

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Masters In addition to the above, present orally a dissertation proposal and written presentation of dissertation project	Masters In addition to the above, present orally a dissertation proposal and progress and receive feedback; and the dissertation supervision process, tutorials and independent research	Masters Oral presentation of dissertation and completion of written dissertation
Appraisal of evidence		
Certificate Demonstrate the ability to critically appraise published research literature in relation to clinical areas of diabetes and examine outcomes of this published evidence in relation to clinical practice	Certificate On line lectures and podcasts, tutorials, directed reading, webinars, problem solving online scenarios, discussion forums, reflective journals and weekly live chats	Certificate Essays, exam, discussion forum and reflective journal Complete assignments
Diploma As above, in additional specialist subjects related to diabetes	Diploma As above	Diploma As above
Masters In addition to the above; demonstrate an independent level of inquiry at an advanced level	Masters In addition to the above, the dissertation process and independent research	Masters In addition to the above, oral presentation of dissertation and completion of written dissertation
(b) Transferable skills		
Research skills		
Certificate Locate, organise and critically appraise evidence, interpret and report on findings	Certificate This is progressively developed through modes of assessment and formative work including the completion of the Distance Learning Introduction Module, which includes study skills, signposting, on line lectures, group online discussions, study groups and directed reading	Certificate Essays, exam, discussion forum and reflective journal Complete assignments
Diploma As above	Diploma As above	Diploma As above
Masters In addition to the above, to construct dissertation project based on a focused research question; undertake significant background research and a focused literature review; collect and analyse data which is relevant to research question; interpret and report on findings; critically appraise findings in relation to existing literature, and make recommendations for practice and further research; and construct a critical argument at an advanced level.	Masters In addition to the above, the dissertation supervision process, tutorials and independent research.	Masters Oral presentation of dissertation and completion of written dissertation

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Communication skills		
Certificate Demonstrate effective essay writing, and effective communications with fellow students and tutors. Identify effective communication skills needed in clinical practice	Certificate Participation in webinars, on line group discussion forums and weekly live chats	Certificate Essays, exam, discussion forum and reflective journal Complete assignments
Diploma In addition to the above, critically discuss and present arguments showing a sound level of analysis; communicate ideas effectively (both orally and in writing) using the appropriate academic convention for the discipline.	Diploma As above	Diploma As above
Masters In addition to the above, construct a dissertation that is logically structured and written with clarity and precision	Masters In addition to the above, the dissertation supervision process and on line group tutorials	Masters In addition to the above, oral presentation of dissertation and completion of written dissertation
Data presentation		
Certificate Interpret and present basic clinical data and identify the strengths and weaknesses of research papers and evidence	Certificate On line lectures and podcasts, tutorials, directed reading, webinars, problem solving online scenarios, discussion forums, reflective journals and weekly live chats	Certificate Essays, exam, discussion forum and reflective journal Complete assignments
Diploma As above	Diploma As above	Diploma As above
Masters In addition to the above, interpret and present data/research (extended literature review, methods, findings, conclusion)/ clearly and effectively.	Masters In addition to the above, independent research and the dissertation supervision process	Masters In addition to the above, oral presentation of dissertation and completion of written dissertation
Information technology		
Certificate Demonstrate effective skills in IT using basic office packages such as word and powerpoint. Present assignments in line with the course requirements using appropriate IT resources	Certificate On line lectures and podcasts, tutorials, directed reading, webinars, problem solving online scenarios, discussion forums, reflective journals and weekly live chats	Certificate Essays, exam, discussion forum and reflective journal Complete assignments
Diploma As above	Diploma As above	Diploma As above

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Masters In addition to the above, use appropriate IT programmes and software to organise, analyse and present data, and to produce/present written dissertation (long document).	Masters In addition to the above, the dissertation supervision process, and experience of conducting research and writing the dissertation.	Masters In addition to the above, oral presentation of dissertation and completion of written dissertation
Problem solving		
Certificate Recognise a clinical problem within a case study scenario and use problem solving skills to consider the published evidence and justify the appropriate course of treatment for the patient	Certificate Case study presentations and analysis, group discussion, directed reading	Certificate Essays, exam, discussion forum and reflective journal Complete assignments
Diploma As above	Diploma As above	Diploma As above
Masters As above	Masters In addition to the above, the dissertation supervision process; experience of conducting independent dissertation project/writing the dissertation and receiving feedback	Masters In addition to the above, oral presentation of dissertation and completion of written dissertation
Working relationships		
Certificate Demonstrate effective communication and ability to work effectively in groups/teams to problem solve and critically appraise evidence and treatment management options	Certificate Webinars, tutorials, discussion boards and problem solving discussion groups	Certificate Essays, exam, discussion forum and reflective journal Complete assignments
Diploma As above	Diploma As above	Diploma As above
Masters As above	Masters In addition to the above, the dissertation supervision process.	Masters In addition to the above, oral presentation of dissertation and completion of written dissertation
Managing learning		
Certificate Reflect, appraise and evaluate own learning, showing the ability to identify areas of academic and clinical practice that require increased acquisition of skills	Certificate On line lectures and podcasts, tutorials, directed reading, webinars and problem solving online scenarios, discussion forums, reflective journals and weekly live chats.	Certificate Essays, exam, discussion forum and reflective journal Complete assignments
Diploma As above	Diploma As above	Diploma As above

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Masters In addition to the above, construct a credible dissertation project; drawing up a realistic project timetable; carrying out independent research; and reflecting on and writing up results.	Masters In addition to the above, the dissertation supervision process and experience of writing the dissertation.	Masters Data preparation in dissertation and dissertation write up Dissertation presentation
Career management		
Certificate Identify and appraise career progression options through updating knowledge on current vacancies within the area of diabetes, and networking with other students, course staff and invited lecturers.	Certificate On line tutorials	Certificate Postgraduate PDP, effective CV
Diploma As above	Diploma As above	Diploma As above
Masters In addition to the above, undertake a dissertation project related to student's work experience/practice. Potential publication and dissemination of findings where appropriate	Masters In addition to the above, dissertation supervision process. Experience of conducting a dissertation project and writing dissertation	Masters In addition to the above, complete dissertation Sharing results with colleagues. Potential publication and/or presentation (conference/seminar).

10. Special features

The Diabetes Programme of study is hosted by the Leicester Diabetes Centre, which now forms one of the largest facilities in Europe for conducting first class clinical research and teaching in diabetes. In 2018 the International Diabetes Federation (IDF) awarded LDC the titles of 'IDF Centre of Education' and 'IDF Centre of Excellence in Diabetes Care'.

Our record of delivering the taught modules on the campus MSc programme has given us experience in the delivery of academic and clinical modules offering transferable skills. We have experience in evaluating these modules on a regular basis and developing the programme to meet learners' needs and expectations.

The programme of modules planned will enable key lectures from the campus based programme to be recorded and used in the Distance Learning programme. This will ensure that distance learners will have the same quality of learning materials and access to current knowledge and expertise as campus-based students.

This Distance Learning programme is run by the experienced and high profile academic staff from this specialist centre and students benefit from this experience and their specialist knowledge. The specialist staff and researchers within the LDC are both nationally and internationally recognised and have involvement in developing national and World Health Organisation guidelines for diabetes.

11. Indicators of programme quality

- The programme will be subject to standard University of Leicester procedures for quality assessment, including Annual Development Review, liaison with College Academic Committee and the programme will report to the department's Learning and Teaching Committee (L&T).
- An External Examiner will be appointed according to [Senate regulations 7](#).
- There will be systematic, regular evaluation by students registered with the programme, including end of module evaluation.
- The programme has a student staff committee and the elected student representative will be invited to contribute to the board of studies meeting (for unreserved business only).
- The programme's teaching staff will engage with University procedures for peer assessment of teaching and marking.
- Periodic Development Review

The existing campus based MSc and DL course consistently receives excellent feedback from External Examiners. In particular the programme is commended for the quality of the course materials, student feedback and application to clinical practice. The MSc Diabetes has strong student support systems including a student staff committee. Learning and feedback from campus based and DL programmes are shared to enhance the student learning experience.

12. Scheme of Assessment:

As defined in [Senate Regulation 6](#): Regulations governing taught postgraduate programmes of study.

Students will be assessed in line with this regulation and allowed to progress. Progression through the programme will be as follows and will apply with standard university procedures:

PG Certificate – successful completion of 60 credits of taught modules as outlined in the marking scheme, then to the Exam Board and student asked if they want to progress to PG Diploma.

PG Diploma – successful completion of a **further** 60 credits of taught modules, then to the Exam Board and student asked if they want to progress to full MSc. Students progressing on to the MSc must choose and successfully complete the Foundation Research Module, as this is a qualifying module for the MSc.

Masters – successful completion of Dissertation (60 credits) as outlined in the marking scheme.

Students may only be awarded the Postgraduate Certificate or the Postgraduate Diploma or the Masters degree. No student may be awarded more than one of the above qualifications.

13. Progression points

Students' progress will be reviewed on the completion of the first 60 credits of taught modules and again on completion of 120 credits of taught modules. Any reassessments will be set at these progression points.

As defined in [Senate Regulation 6](#): Regulations governing taught postgraduate programmes of study.

In cases where a student has failed to meet a requirement to progress he or she will be required to withdraw from the course and a recommendation will be made to the Board of Examiners for an intermediate award where appropriate.

14. Rules relating to re-sits or re-submissions:

As defined in [Senate Regulation 6](#): Regulations governing taught postgraduate programmes of study.

15. External Examiners reports

The details of the External Examiner(s) for this programme and the most recent External Examiners' reports can be found [here](#)

16. Additional features (e.g. timetable for admissions)

Programme intakes are October and April

Appendix 1: Programme structure (programme regulations)

PG Certificate	MD7520, plus either 2 option modules* or MD7523	60
PG Diploma	MD7520, MD7523, plus 3 option modules* and either MD7525 Foundation Research** or an additional option module	120
MSc	Same as for PG Diploma (must include MD7525 Foundation Research**), plus MD7526 (Dissertation)	180

Module code	Module title	Credits
MD7520	Glycaemic Management	30
MD7523	Diabetes Complications	30
<u>Option modules*</u>		
MD7521	Advanced Injectable Therapies	15
MD7519	Prevention, Obesity and Diabetes.	15
MD7524	Self-management and Lifestyle Behaviour Change	15
MD7517	Adult Inpatient	15
MD7518	Children and Young People with Diabetes	15
<u>Research module**</u>		
MD7525	Foundation Research	15
<u>Dissertation</u>		
MD7526	Dissertation	60

*Note: the choice of optional modules will be influenced by timetabling; students will need to choose optional modules that are scheduled within the maximum registration period (see section 4).

**Note: MSc students must take the Foundation Research Module (MD7525).

Appendix 2: Module specifications

See module specification database <http://www.le.ac.uk/sas/courses/documentation>