

## COURSE SPECIFICATION

<b>Course Title</b>	MSc Digital Education
<b>Intermediate awards available</b>	PGCert Digital Education PGDip Digital Education
<b>Teaching Institution(s)</b>	UEL
<b>Alternative Teaching Institutions</b>	N/A
<b>UEL Academic School</b>	School of Architecture, Computing and Engineering
<b>UCAS code</b>	N/A
<b>Professional Body Accreditation</b>	N/A
<b>Relevant QAA Benchmark statements</b>	Computing (Master's) (2019)
<b>Additional Versions of This Course</b>	MSc Digital Education (with Industrial Placement)
<b>Date specification last updated</b>	Nov 2021

## Course Aims and Objectives:

This course is designed to give you the opportunity to:

- Apply key concepts in Educational Technology such as instructional design, learning and teaching strategies, learning analytics, pedagogy of learning, adaptive learning and effective assessment.
- Gain advanced knowledge about the latest ground-breaking research and practices in educational technology.
- Plan, manage and deliver educational digital transformation strategies to reshape the future of learning and teaching worldwide.
- Investigate, develop and supervise Technology-Enhanced Learning projects across multiple educational contexts.
- Develop educational and professional skills required for a senior career in educational technology field.
- Influence educational leaders, key players and change makers to adopt effective educational technology.

## What you will learn

- **Knowledge**
  - Demonstrate knowledge and understanding of essential facts, concepts, theories and principles of emerging technologies in digital education, pedagogy for online learning and learning design.
  - Knowledge and understanding of contemporary tools and technologies to produce solutions relevant to the domain of technology enhanced learning to meet a set of agreed requirements.
- **Thinking skills**
  - Demonstrate innovative independent thinking, critical investigation, and analytical skills in the real-world problems related to technology enhanced learning.
- **Subject-Based Practical skills**
  - Analyse, interpret, synthesise and evaluate design methods and alternative solutions for a given problem in the diverse fields of education, learning pedagogy, learning design, socio-economic learning system, educational technology acceptance.
  - Identification and implementation of appropriate policies and regulations for effective technology enhanced learning systems development and deployment.
  - Hands on experience in technology enhanced learning solutions using state-of-the art tools and approaches.

- **Skills for life and work (general skills)**
  - Structure and communicate ideas effectively, both orally and in writing.
  - Work professionally as an individual and as a team player to develop creative solutions to problems.

## Learning and Teaching

Teaching and Learning strategies ensure that knowledge, understanding, methods and skills in Technology Enhanced Learning based topics are achieved through appropriate teaching styles. Teaching and Learning is based on an understanding of adult learning and of differences in an individual's approach to learning.

The course uses:

- A series of face-to-face lectures, workshops and lab-based learning as a way of securing a knowledge base;
- Other teaching methods practical sessions, seminars and reflection of work-based practice to enforce learning and professional skills;
- Holistic, experiential and self-directed learning approaches as the basis for adult learning;
- Valuing course members as active learners with differing and valuable experiences;
- Problem-based learning approach as a way of addressing the complexity of situations in the real world;
- Supervision to develop reflexive and reflective software engineering experts in professional settings.
- Preparation of essays, reports and presentations and production of major self-directed project

Knowledge is developed through

- Guided reading
- Knowledge-based activities with feedback
- Online discussions and activities

Thinking skills are developed through

- Reflective activities with feedback
- Online discussions and activities

Practical skills are developed through

- IT activities with feedback
- Research skills-based activities with feedback

Skills for life and work (general skills) are developed through

- Planning activities with feedback
- Project work

## Assessment

- **Knowledge is assessed by**
  - tutorials (in-class and at end of year)
  - individual/group projects and reports
  - group assessments
  - presentations
  - dissertation
  
- **Thinking skills are assessed by**
  - all assessment tasks set (especially related to critical thinking)
  - use of appropriate problem-solving skills
  
- **Practical skills are assessed by**
  - assessment tasks requiring use of general and specialised IT applications
  - demonstration of projects/tasks
  - use of tools in designing algorithms
  
- **Skills for life and work (general skills) are assessed by**
  - evidence of group and team working
  - ability to work to time constraints

## Work or Study Placements

If you are enrolled for *the placement version of the course*, you will undertake an internship within a partner organisation and complete a 120 P-credit Industrial Placement Module. The module is graded at either Pass or Fail, assessed by the partner industrial organisation and the University and grades reflected on your academic transcripts.

The industrial placement component is for a duration of an academic year, i.e., normally 30 weeks including minimum 24 weeks of delivery time. It starts after you have completed the 1<sup>st</sup> year of study, i.e., all the taught modules and the dissertation component of the MSc course which together yield 180 credits.

If you are enrolled for *the two-year MSc with placement courses*, you must pass all taught modules of respective course plus dissertation, i.e., 180 credits, before you become eligible to progress to the next stage and undertake industrial placement.

You (on the MSc course with placement) will also normally be required to fulfil the 80% attendance requirement (on all modules) to be eligible to progress to the industrial placement module.

If you are unable to meet the above requirements and progress successfully; you will normally be moved to the one-year full-time version of the course and your visa, if any, will be curtailed accordingly.

The structure of the extended version of the MSc courses that includes the industrial placement is summarised in the following table:

<b>For September intake:</b> Term 1 (Y1: Sep – Jan) Term 2 (Y1: Jan – May) Term 3 (Y1: May – Sep) End of July Y1 Term 1 and 2 (Y2: Sep –May)	Taught modules Taught modules Dissertation Deadline for confirming placement Industrial placement
<b>For January intake:</b> Term 2 (Y1: Jan –May) Term 1 (Y1: Sep – Jan) Term 2 (Y1: Jan –May) End of March Y1 Term 3 and 1 (Y2: May –Jan)	Taught modules Taught modules Dissertation Deadline for confirming placement Industrial placement

You must check the Academic Calendar for start and end of term dates. It is ultimately your responsibility to secure placement. The University and the School will offer guidance and support; and recommend you to our industrial partners who are interested in participating in the course. But the responsibility to find and secure the placement is on you. If you are unable to secure a placement at the end of your taught modules, you will be transferred back to the full-time taught course without the placement component and your student visa, if applicable, will be curtailed accordingly by UKVI.

If you are undertaking the Placement Module, you will also normally need to meet the following requirements:

- 80% attendance at 12-week employability module workshops and classes.
- Registration on the UEL Employment Hub with CV and Covering Letter uploaded.
- Details of placement will be provided by 31<sup>st</sup> July (Sept starters) and 31<sup>st</sup> March (January starters).
- Placement Agreement form signed by you and partner organisation at least 3 weeks before the placement start date.

## COURSE STRUCTURE

All courses are credit-rated to help you to understand the amount and level of study that is needed.

One credit is equal to 10 hours of directed study time (this includes everything you do, e.g., lecture, seminar and private study).

Credits are assigned to one of 5 levels:

- 3 Equivalent in standard to GCE 'A' level and is intended to prepare you for year one of an undergraduate degree course.
- 4 Equivalent in standard to the first year of a full-time undergraduate degree course.
- 5 Equivalent in standard to the second year of a full-time undergraduate degree course.
- 6 Equivalent in standard to the third year of a full-time undergraduate degree course.
- 7 Equivalent in standard to a Master's degree.

Courses are made up of modules that are each credit weighted.

The module structure of this course:

### Course structure table

Level	Module Code	Module Title	Credit Weighting	Core/Option	Available by Distance Learning? Y/N
7	CN7033	Digital Learning Fundamentals	30	Core	N
7	CN7034	Disruptive Educational Technologies	30	Option	N
7	CN7035	Pedagogy in the Digital Age	30	Core	N
7	CN7026	Cloud Computing	30	Core	N
7	CN7000	Mental Wealth; Professional Life (Dissertation)	60	Core	N



7	EG7021	Industrial Placement (Core for the MSc with Industrial Placement course only)	120P	Core for MSc with Industrial Placement	N
<p><i>Please note: Optional modules might not run every year, the course team will decide on an annual basis which options will be running, based on student demand and academic factors, in order to create the best learning experience.</i></p>					

### Typical duration

#### **Course without Industrial Placement**

The MSc course is available in full-time and part-time modes, and its delivery may include traditional, block and blended learning. The full-time duration of this course is 12 months for the September intake and 17 months for the January intake.

The minimum period for completion of the MSc is 1 year full-time and 2 years part-time. For those not on a student visa, it is possible to move from full-time to part time study and vice-versa to accommodate any external factors such as financial constraints or domestic commitments. Many of our students make use of this flexibility and this may impact on the overall duration of your study period.

#### **Course with Industrial Placement**

The course with industrial placement is offered in full-time mode only. The duration of this course is two academic years (including the industrial placement element). See “*Work or Study Placements*” section for more detail.

The time limit for completion of a course is four years after first enrolment on the course.

### **Further Information**

More information about this course is available from:

- The UEL web site ([www.uel.ac.uk](http://www.uel.ac.uk))
- The course handbook
- Module study guides
- UEL Manual of General Regulations (available on the UEL website)
- UEL Quality Manual (available on the UEL website)
- School web pages available on the UEL website)

All UEL courses are subject to thorough course approval procedures before we allow them to commence. We also constantly monitor, review and enhance our courses by listening to student and employer views and the views of external examiners and advisors.

### **Additional Costs**

Students will have access to all resources required for this course whilst they are on campus. We do recommend that students have access to personal computing equipment and reliable internet connection for working off-campus. A suitable PC or laptop for working off-campus can be purchased from around £250 upwards.

### **Alternative Locations of Delivery**

N/A