

Curriculum for Multimedia Design

(Academy Profession Degree in Multimedia Design). Institutional part of curriculum

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1. Institutional part of the curriculum for the Academy Profession Degree Programme in Multimedia Design

The curriculum for the programme is comprised of two parts (i.e. two sets of regulations):

1. The national part
2. The institutional part

The national part is laid down by the study programme network with a view to ensuring that the academic contents of parts of the study programme are identical for all educational institutions providing the study programme.

The institutional part is laid down by the study programme at the University College of Northern Denmark (UCN) and is designed to accommodate local and regional needs.

The institutional part of the curriculum (as well as the national part) has been approved by UCN in accordance with all regulations applying to the programme, including Ministerial Order on Technical and mercantile academy profession degree programmes and profession-oriented bachelor's degree programmes (*Bekendtgørelse om de tekniske og merkantile erhvervsakademiuddannelser og professionsbacheloruddannelser*). In the event of any discrepancy between this curriculum and other regulations governing the study programme, the other regulations have priority.¹

2. Distribution of national and local programme elements, internship, and exams during the course of the study programme.

Overview of all exams and their order. All exams are assessed according to the 7-point grading scale. Find information about the time and venue for the exams in Wiseflow.

	National programme elements	Local programme elements, including electives	ECTS	Internal/ External	Also called
1.	Design and programming of digital user interfaces 1		15	Internal	Multimedia production 1. Development, design and production of basic digital user interfaces
	Design and programming of digital content 1		15		
2.	Design and programming of digital user interfaces 2		15	External	Multimedia production 2. Development, design and production of complex digital user interfaces
	Design and programming of digital content 2		15		
3.		Electives	10	Internal	Elective component exam
		User interface development and technology	10	Internal	Multimedia production 3. Development, design, and production of advanced digital user interfaces.
		Business and content production	5		
		User experiences and technology	5		
4.	Internship		15	Internal	Internship exam
	Final degree project		15	External	Final degree exam
Total ECTS credits			120		

¹ In the event of any discrepancies between this English translation and the original Danish version of the curriculum, the Danish version takes precedence.

3. Local programme elements, including electives

The programme features 30 ECTS credits of local programme elements, including 10 ECTS credits of electives.

3.1 Electives

The electives give the student opportunity to qualify his/her study-related and professional competences through specialisation and contextualisation of subjects that are broadly related to the field of multimedia.

The student chooses one of the programme elements: Web API Development or UX/UI Design. Lectures in both electives are taught in English.

The students may also design and plan their elective programme element on their own either as a theoretical and/or practical learning process, which must be approved by the study programme.

3.1.1 Elective Web API Development

3.1.2 Learning objectives

Knowledge

The student has acquired knowledge about:

- web services and interfaces for data exchange on the web
- key security aspects of authentication and authorisation in multimedia applications

Skills

The student has acquired the skills needed to:

- plan, design and program user and administration interfaces in multimedia applications
- apply practice-based standards when implementing structure and content in web services
- apply key methods for data modelling and implementation of databases
- apply key methods for quality assurance by means of tests and debugging

Competences

The student has acquired the competences needed to:

- participate in practice-based and development-oriented collaboration processes with stakeholders in order to define, develop and validate web services and interfaces
- contextualise and relate the selected topics(s) to other programme elements of the study programme.

3.1.3 ECTS credits

The elective Web API Development is worth 10 ECTS credits.

3.1.4 Contents

The elective Web API Development deals with the technical production and programming of web-based services. The programme element introduces and focuses on server-side programming and the work with databases and connecting to the user interface. Students will learn via practical production of functional prototypes of web-based services implementing the REST (Representational State Transfer) architectural style. The programme element also focuses on documentation and presentation of web-based solutions for external stakeholders so that the student receives relevant feedback from industry professionals having insight and experience with web development.

3.1.5 Elective UX/UI Design

3.1.6 Learning objectives

Knowledge

The student has acquired knowledge about:

- key, practice-based user-centred theories, methods, and tools within UX- and UI-design
- relevant design processes and documentation forms in UX- and UI-production
- select roles and functions in UX- and UI-design

Skills

The student has acquired the skills needed to:

- research and understand the behaviour and needs of users and tangibly translate these into strategy, system modelling as well as UX- and UI-design processes
- apply and combine key user-centred theories, methods, and 'best practice' for planning and execution of UX- and UI-design
- understand, create, and communicate relevant UX- and UI-documentation forms in a development and design process
- assess practice-based problems and apply a problem-solving and strategic approach to design for user experiences
- ensure consistent UX- and UI-design in and across digital user interfaces

Competences

The student has acquired the competences needed to:

- participate in practice-based and development-oriented collaboration processes with stakeholders in order to define, develop and validate user experiences and user interfaces
- contextualise and relate the selected topics(s) to other programme elements of the study programme.

3.1.7 ECTS credits

The elective UX/UI Design is worth 10 ECTS credits.

3.1.8 Contents

The focus of the elective is to create a connection between research, strategy, and the many analysis- and design processes, leading to development of user-centred digital interfaces. In this context the phrase “development” encompasses user research, strategy, information architecture, UX-design, interaction-design, and UI-design. The main focus in relation to the academic content is on practice-based methods, theories, and tools within UX and UI as the onset for understanding, production, and communication of relevant documentation forms in a user-centred design process. The elective furthermore focuses on providing insight into some of the relevant roles in a UX/UI-design practice.

3.2 Local programme element User interface development and technology

3.2.1 Learning objectives

Knowledge

The student has acquired knowledge about:

- key and current libraries and frameworks for the development of advanced digital user interfaces
- data structures, data formats and the exchange of complex data sets with servers
- methods for the integration of visual materials in digital user interfaces

Skills

The student has acquired the skills needed to:

- assess and apply innovative methods in multimedia production
- apply key technologies for the exchange and presentation of complex data sets in digital user interfaces
- select and apply current libraries and frameworks for the innovative development and adaptation of advanced digital user interfaces
- assess and apply key methods and international development trends for the design, development, adjustment, and maintenance of advanced digital user interfaces
- apply and combine current technologies for the design of interactive user interfaces
- communicate the development process to stakeholders.

Competences

The student has acquired the competences needed to:

- autonomously stay informed and acquire new knowledge within international, innovative methods and technologies for the development and maintenance of user interfaces in advanced multimedia productions

3.2.2 ECTS credits

The programme element User interface development and technology is worth 10 ECTS credits.

3.2.3 Contents

The programme element User interface development and technology deals with the application of innovative methods, international development trends and libraries and frameworks in design and development of advanced digital user interfaces. Furthermore, there is focus on managing and presenting digital data sets in digital user interfaces, including exchange of data sets with servers and the exploration and application of current technologies for development, design, and maintenance of digital user interfaces.

3.3 Local programme element Business and content production

3.3.1 Learning objectives

Knowledge

The student has acquired knowledge about:

- digital business models used in practice
- multimedia production budgeting
- key theories and methods for planning user interaction in digital media productions

Skills

The student has acquired the skills needed to:

- assess and analyse data and propose solutions as the basis for the development of multimedia productions
- apply key theories, methods and tools for strategic planning and development of content
- assess and produce innovative content solutions in advanced, digital multimedia productions

Competences

The student has acquired the competences needed to:

- autonomously stay informed and acquire new knowledge within business aspects and the development and production of content for advanced digital multimedia productions

3.3.2 ECTS credits

The programme element Business and content production is worth 5 ECTS credits.

3.3.3 Contents

The programme element Business and content production deals with understanding selected business and revenue models. Furthermore, there is focus on the business use of digital tools and data as well as theories and methods for strategic planning, development, and production of content to support user interaction in advanced, digital multimedia productions.

3.4 Local programme element User experiences and technology

3.4.1 Learning objectives

Knowledge

The student has acquired knowledge about:

- international digital trends and various user groups' application of digital media and technologies
- current international digital design development trends

Skills

The student has acquired the skills needed to:

- translate knowledge of current design and user trends into planning and development of user experiences in advanced digital media productions
- assess and apply key methods and international development trends for the planning, design, and evaluation of advanced digital user experiences
- communicate the support of user experiences in digital media productions to stakeholders

Competences

The student has acquired the competences needed to:

- autonomously stay informed and acquire new knowledge about user experiences and the users' application of technologies in an international digital media landscape

3.4.2 ECTS credits

The programme element User experiences and technology is worth 5 ECTS credits.

3.4.3 Contents

The programme element User experiences and technology deals with the relationship between digital trends and the users' application of media and technologies in the planning and production for digital user experiences. Based on key theories, methods and the application of technologies, focus is on the planning and design for user experiences in advanced, digital multimedia productions.

4. Framework and criteria for study programme exams

The following describes the framework and criteria for all study programme exams.

4.1 Automatic registration for all exams

A programme element is completed by way of an exam that takes place immediately after the end of the element. When a student commences a programme element, (s)he is automatically registered for the ordinary examination for that programme element.

A student cannot withdraw from study programme exams.

If an exam has not been passed, the student will continue to be registered for that particular exam and must attend a resit. The student has three attempts at passing an exam. If the exam is not passed after three attempts, the student's enrolment in the programme will be terminated.

However, if the student is on leave of absence, (s)he will not automatically be registered for exams. After the end of a student's leave of absence, (s)he will automatically be registered for the exams that complete the semester (s)he begins on his/her return, as well as prior exams, if any, that have not been passed. It is the student's responsibility to stay informed of the time and venue for exams.

Please see the current *Examination Regulations*, which are available on UCN's website.

5. 1st semester

5.1 Academic aptitude examination

5.1.1 Examination method and procedure

The examination consists of an internal, individual, on-site written exam based on reflections on the start of study.

5.1.2 Contents and formal requirements

The examination is based on lessons and lectures given as well as activities completed between the start of study and the date of the examination. The exam aims to determine whether the student has in fact begun his/her studies.

The student must answer, in writing, a number of questions regarding these completed activities.

The examination will take as its starting point the student's knowledge of UCN's foundation for learning, study programme administration as well as student rights and obligations.

5.1.3 Examination schedule

The academic aptitude examination will take place no later than two months after the start of the study programme.

5.1.4 A resit will take place no later than three months after the start of the study programme

Further information on time and place can be found in the syllabus and via announcements on Wiseflow.

5.1.5 Use of aids

All aids are permitted.

5.1.6 Exam language

The examination language is English.

5.1.7 ECTS credits

The exam does not yield any ECTS credits and does not appear on the final diploma.

5.1.8 Assessment criteria

A student passes or fails the exam based on an assessment of his/her exam paper, which must correspond to the description in 'Contents and formal requirements' above. If the student fails the exam, (s)he will have the opportunity to resit the exam no later than a week after the ordinary exam. This means that a student has a total of two attempts to pass the exam.

5.1.9 Failing the exam

If a student also fails the resit, the student will be de-registered from the study programme.

5.1.10 Complaints

The academic aptitude examination is not subject to the complaint's regulations stipulated in the Ministerial Order. This means that a student cannot lodge complaints about any of the following:

- the basis for examination, including exam questions, assignments or similar
- the course of an examination; or
- the assessment

5.1.11 Exemption

The study programme may exempt individual students from the deadlines that have been set for passing the academic aptitude examination, on the grounds of illness, maternity or paternity leave, or exceptional circumstances.

5.2 The exam Multimedia production 1. Development, design, and production of basic, digital user interfaces

5.2.1 Exam prerequisites

Students must meet the following requirements in order to sit the exam:

Correct observance of the obligation to participate in and attend at the programme elements of the semester:

- Submission of theme assignments 01, 02 and 03 in Wiseflow. The theme assignments must be submitted with academically honest content and demonstrate the student's honest effort to solve the assignments.
 - Theme assignment 01. The following must be submitted: an individually produced Presentation portfolio containing a cover page with relevant links to products, plus three selected products, demonstrating the student's learning progress in practical skills within the programme- and professional context. The Presentation portfolio must furthermore contain an individually produced written reflection on learning with a scope of 1,5 to 2 standard pages.

- Theme assignment 02. The following must be submitted: an individually produced Presentation portfolio containing a cover page with relevant links to products, plus three selected products, demonstrating the student's learning progress in practical skills within the programme- and professional context. The Presentation portfolio must furthermore contain an individually produced written reflection on learning with a scope of 1,5 to 2 standard pages.
- Theme assignment 03. The following must be submitted: a group project consisting of a multimedia production and a written report with a scope of 10 to 12 standard pages. Furthermore, an individually produced Presentation portfolio containing a cover page with relevant links to products, plus two selected products, demonstrating the student's learning progress in practical skills within the programme- and professional context. The Presentation portfolio must furthermore contain an individually produced written reflection on learning with a scope of 1,5 to 2 standard pages.
- The student is under an obligation to participate at the evaluation of Theme assignments 01, 02 and 03. In case of non-compliance with the obligation to attend, the student must submit a replacement assignment of 5 standard pages in which the student reflects on the following: what is the student's most important learning during this theme within each of the programme elements of the study programme? What can the student do to improve his/her learning outcomes?
- The Student is under an obligation to attend the library introduction. In case of non-compliance with the obligation to attend, the student must submit a replacement assignment of 3 standard pages, in which the student answers essential questions about the library services and use and documents a physical visit at the library by performing a specific task.

If a student does not meet all exam prerequisites, the student cannot attend the ordinary exam, resulting in a used exam attempt, and hence leaving him/her with two (2) remaining attempts to pass the exam.

5.2.2 Examination procedure

The examination is an internal, individual, oral examination in the national programme elements Design and programming of digital user interfaces 1 and Design and programming of digital content 1 based on a written group project (report and multimedia production) and individually produced portfolio work.

The group project must be produced by 4 students. A student cannot choose to work alone.

The portfolio work must be produced individually.

The group project and the individual portfolio work make up both the assessment basis and the examination basis. The group product, the individual portfolio work, the oral presentation and the examination are assessed as a whole, leading to one single grade. The exam is assessed according to the 7-point grading scale.

The written group project and the individually produced portfolio work must:

- meet the formal requirements stated below, and
- be submitted in due time and correctly according to the exam plan in Teams

Formal requirements for the group project

The group project consists of a written report (1) as well as a multimedia production (2):

1. Requirements for the written report

The written report must observe the formal requirements and structure specified in Mathiesen, L., 2020. *Portfolio and project work on the Multimedia Design programme at UCN* or later versions of the guide, which is available at all times in Teams.

The minimum length of the report is 16 standard pages and the maximum length is 21 standard pages for four students. One standard page is 2,400 characters including spaces and footnotes, but not including front page, table of contents, process reflection, literature list and appendices. Appendices are not assessed.

2. Requirements for the multimedia production

The production must be a prototype of a digital user interface, implemented and technically realised. The product may not contain place holder text or place holder images. The multimedia production must be available online, also to persons with no technical skills.

Requirements for the individual portfolio work

The portfolio work must be a digital user interface demonstrating the student's individual, practical and interdisciplinary skill. The portfolio work may not be made up of something previously submitted during the study programme.

5.2.3 ECTS credits

The examination is worth 30 ECTS credits.

5.2.4 Assessment criteria

The assessment criteria for the examination are the learning objectives for the national programme elements Design and programming of digital user interfaces 1 and Design and programming of digital content 1.

The learning objectives are described in the national part of the curriculum.

5.2.5 Examination schedule

The exam will take place at the end of the first semester. Further details about time, venue and the submission of the group project and the individual portfolio work are available in Teams.

The exam must be passed before the 2nd year of study in order for the student to continue his/her studies.

The study programme may exempt individual students from the deadline that has been set for passing the exam if the grounds for exemption are illness, maternity or paternity leave, or exceptional circumstances.

5.2.6 Exam language

The exam language is English.

5.2.7 Aids

Books and electronic aids are allowed, however, not during the oral part of the examination. For the presentation and demonstration of the multimedia production and portfolio work at the oral examination, the use of a pc, telephone or tablet is allowed.

6. 2nd semester

6.1 The exam Multimedia production 2. Development, design, and production of complex digital user interfaces.

6.1.1 Exam prerequisites

Students must meet the following requirements in order to sit the exam:

Correct observance of the obligation to participate in and to attend at the programme elements of the semester:

- Submission of Presentation portfolio in relation to Theme assignment 05, 06 and 07 in Wiseflow. The assignments must be submitted with academically honest content and demonstrate the student's honest effort to solve the assignments.
 - Theme assignment 05. The following must be submitted: an individually produced Presentation portfolio containing a cover page with relevant links to products, plus two selected products, demonstrating the student's learning progress in practical skills within the programme- and professional context. The Presentation portfolio must furthermore contain an individually produced written reflection on learning with a scope of 1,5 to 2 standard pages.
 - Theme assignment 06. The following must be submitted: an individually produced Presentation portfolio containing a cover page with relevant links to products, an individually produced project consisting of a multimedia production and a written report with a scope of 3 to 5 standard pages, plus one selected product, demonstrating the student's learning progress in practical skills within the programme- and professional context. The Presentation portfolio must furthermore contain an individually produced written reflection on learning with a scope of 1,5 to 2 standard pages.
 - Theme assignment 07. The following must be submitted: an individually produced Presentation portfolio containing a cover page with relevant links to products, plus one selected product, demonstrating the student's learning progress in practical skills within the programme- and professional context. The Presentation portfolio must furthermore contain an individually produced written reflection on learning with a scope of 1,5 to 2 standard pages.
- The student is under an obligation to participate at the evaluation of Theme assignments 05, 06 and 07. In case of non-compliance with the obligation to attend, the student must submit a replacement assignment of 5 standard pages in which the student reflects on the following: what is the student's most important learning during this theme within each of the programme elements of the study programme? What can the student do to improve his/her learning outcomes?

If a student does not meet all exam prerequisites, the student cannot attend the ordinary exam, resulting in a used exam attempt, and hence leaving him/her with two (2) remaining attempts to pass the exam.

6.1.2 Examination procedure

The examination is an externally assessed, individual, oral examination in the national programme elements Design and programming of digital user interfaces 2 and Design and programming of digital content 2 based on a written group project (report and multimedia production) prepared in collaboration with a private or public company which the group finds and with which the group enters into an agreement.

A group must have 3–4 members. A student cannot choose to work alone.

The group project makes up both the assessment basis and the examination basis. The report, the multimedia production, the oral presentation and the examination are assessed as a whole, leading to one single grade. The exam is assessed according to the 7-point grading scale.

The written group project must:

- meet the formal requirements stated below, and
- be submitted in due time and correctly according to the exam plan in Teams

Formal requirements for the group project

The group project consists of a written report (1) as well as a multimedia production (2):

1. Requirements for the written report

The written report must observe the formal requirements and structure specified in Mathiesen, L., 2020. *Portfolio and project work on the Multimedia Design programme at UCN* or later versions of the guide, which is available at all times in Teams.

The minimum length of the report is 18 standard pages and the maximum length 25 standard pages for groups of three students. The minimum length of the report is 22 standard pages and the maximum length 30 standard pages for groups of four students.

One standard page is 2,400 characters including spaces and footnotes, but not including the front page, table of contents, process reflection, literature list and appendices. Appendices are not assessed.

2. Requirements for the multimedia production

The production must be a technically realised, digital web-based user interface. The product must contain multiple media such as audio, images, animation, video, text etc., and must have interactive functionalities or content. The product may not contain place holder text and/or place holder images. The multimedia production must be available online, also to persons with no technical skills.

6.1.3 ECTS credits

The examination is worth 30 ECTS credits.

6.1.4 Assessment criteria

The assessment criteria for the examination are the learning objectives for the national programme elements Design and programming of digital user interfaces 2 and Design and programming of digital content 2.

The learning objectives are described in the national part of the curriculum.

6.1.5 Examination schedule

The exam will take place at the end of the second semester. Further details about time and venue and the submission in of the written group project are available in Teams.

The exam must be passed before the 2nd year of study in order for the student to continue his/her studies. The study programme may exempt individual students from the deadline that has been set for passing the exam if the grounds for exemption are illness, maternity or paternity leave, or exceptional circumstances.

6.1.6 Exam language

The exam language is English.

6.1.7 Aids

Books and electronic aids are allowed, but not during the oral part of the examination. For the presentation and demonstration of the multimedia production at the oral examination, the use of a pc, telephone or tablet is allowed.

7. 3rd semester

7.1 Elective component exam

7.1.1 Exam prerequisites

Students must meet the following requirements in order to sit the exam:

The multimedia product and the reference list which make up the assessment basis as well as the examination basis for the elective component exam must:

- meet the formal requirements, see below
- be submitted in due time and correctly according to the exam plan in Teams.

non-performance of one or more exam prerequisites means that the student will not be allowed to sit the exam and that one exam attempt will have been used.

Formal requirements for the multimedia product for the elective Web API Development

The product must be a database-model and a technically realised, digital prototype of a web service.

Formal requirements for the multimedia product for the elective UX/UI Design

The product must be a portfolio with process- and design documentation for UX/UI design.

Formal requirements for the reference list

The reference list must be an annotated list including a complete overview of sources used for applied theory, method and standard data and the group's own data collection. Each source must include a brief explanation, stating for which purpose the source has been used.

7.1.2 Examination procedure

The exam is an internally assessed, oral group exam based on a multimedia product and a reference list prepared by the group. The multimedia product and the reference list make up the assessment basis as well as the examination basis. The group must have at least two and a maximum of 3 members.

There is no option for an individual exam.

The product, the reference list, the presentation, and the exam are assessed as a whole, leading to one single, individual grade.

The exam is assessed according to the 7-point grading scale.

7.1.3 ECTS credits

The examination is worth 10 ECTS credits.

7.1.4 Assessment criteria

The assessment criteria for the examination are the learning objectives for the elective. The learning objectives for the electives are stated in [3.1](#) above.

7.1.5 Examination schedule

The exam will take place at the end of the electives in the third semester. Information about the time and venue for the exam can be found in Teams.

7.1.6 Exam language

The examination language is English.

7.1.7 Aids

Books and electronic aids are allowed, however, but not during the oral part of the examination. For the presentation and demonstration of the multimedia product at the oral examination, the use of a pc, telephone or tablet is allowed.

7.2 The exam Multimedia production 3. Development, design, and production of advanced digital user interfaces.

7.2.1 Examination prerequisites

Students must meet the following requirements in order to sit the exam:

Correct observance of the obligation to participate in and to attend at the local programme elements of the semester

- Submission of Presentation portfolio in Theme 09 and 10 in Wiseflow. The theme assignments must be submitted with academically honest content and demonstrate the student's honest effort to solve the assignments.
 - Theme assignment 09. The following must be submitted: an individually produced Presentation portfolio containing a cover page with relevant links to products, plus one selected product, demonstrating the student's learning progress in practical skills within the programme- and professional context. The Presentation portfolio must furthermore contain an individually produced written reflection on learning with a scope of 1,5 to 2 standard pages.
 - Theme assignment 02. The following must be submitted: an individually produced Presentation portfolio containing a cover page with relevant links to products and an individually produced written reflection on learning with a scope of 1,5 to 2 standard pages.
- The student is under an obligation to participate at the evaluation of Theme assignments 09 and 10. In case of non-compliance with the obligation to attend, the student must submit a replacement assignment of 5 standard pages in which the student reflects on the following: what is the students most

important learning during this theme within the three local programme elements of the study programme? What can the student do to improve his/her learning outcomes?

If a student does not meet all exam prerequisites, the student cannot attend the ordinary exam, resulting in a used exam attempt, and hence leaving him/her with two (2) remaining attempts to pass the exam.

7.2.2 Examination procedure

The examination is an internally assessed, individual, oral examination in the local programme elements User interface development and technology, Business and content production and User experiences and technology based on a written group project (report and multimedia production) and an individually produced portfolio work.

The group project must be produced by 2-3 students. A student cannot choose to work alone.

The portfolio work must be produced individually.

The group project and the individual portfolio work make up both the assessment basis and the examination basis. The group product, the individual portfolio work, the oral presentation and the examination are assessed as a whole, leading to one single grade. The exam is assessed according to the 7-point grading scale.

The written group project and the individually produced portfolio work must:

- meet the formal requirements stated below, and
- be submitted in due time and correctly according to the exam plan in Teams

Formal requirements for the group project

The group project consists of a report (1) as well as a multimedia production (2):

1. Requirements for the written report

The written report must observe the formal requirements and structure specified in Mathiesen, L., 2020. *Portfolio and project work on the Multimedia Design programme at UCN* or later versions of the guide, which is available at all times in Teams.

The minimum length of the report is 26 standard pages and the maximum length is 34 standard pages for 2–3 students.

One standard page is 2,400 characters including spaces and footnotes, but not including the front page, table of contents, process reflection, literature list and appendices. Appendices are not assessed.

2. Requirements for the multimedia production

The multimedia production must be a technically realised advanced digital user interface, that takes into account international development trends within the technology and media usage of the users, data application and -exchange, design, and technical development. The product may not contain place holder text and/or place holder images. If the production is made up of a website or the like, it must be made available online, also to persons with no technical skills.

Requirements for the individual portfolio work

The portfolio work must be an individually produced, professional portfolio in the form of a website demonstrating the student's practical, interdisciplinary skill and individual, professional profile. The professional portfolio must be available online, also to persons with no technical skills.

7.2.3 ECTS credits

The examination is worth 20 ECTS credits.

7.2.4 Assessment criteria

The assessment criteria for the examination are the learning objectives for the local programme elements User interface development and technology, Business and content production and User experiences and technology. The learning objectives of the programme elements are described in section 3 above.

7.2.5 Examination schedule

The exam will take place at the end of the 3rd semester. Further details about time, venue and the submission of the group project and the individual portfolio work are available in Teams.

7.2.6 Exam language

The exam language is English.

7.2.7 Aids

Books and electronic aids are allowed, but not during the oral part of the examination. For the presentation and demonstration of the multimedia production at the oral examination, the use of a pc, telephone or tablet is allowed.

8. 4th semester

8.1 Internship exam

8.1.1 Internship requirements and expectations

During the internship, the student works on issues that are relevant to his/her profession while achieving knowledge of relevant work functions. The relationship between theoretical, methodical, and practical teaching and learning activities and the internship will be the starting point for the student's internship learning objectives.

Based on the internship learning objectives, see the national part of the curriculum, the student and the internship supervisor will collaborate on defining specific objectives for the student's internship.

The objectives must be made in writing and saved in the student internship portal. These objectives will then guide how the student's work during the internship should be planned, including the writing of the student's internship report.

The internship should be considered similar to a full-time job with the same requirements in terms of number of working hours, effort, commitment, and flexibility that a graduate can expect to meet in their first job. The student is subject to the internship company's instructions during the internship.

The internship may be organised in a flexible and personalised manner and may form the basis of the student's final degree project.

8.1.2 Exam prerequisites

The examination report must meet the formal requirements, and it must be submitted correctly and in due time, in correspondence with the exam plan in Teams.

If a student does not meet all exam prerequisites, the student cannot attend the ordinary exam, resulting in a used exam attempt, and hence leaving him/her with two (2) remaining attempts to pass the exam.

8.1.3 Formal requirements to the written internship report

- Introduction
- About the company: brief introduction and description of the internship host company
- My tasks: description of your tasks and how they are completed
- Reflection: on the learning objectives of the internship and individual objectives for the internship
- Conclusion
- Literature list/reference list
- Appendices

The minimum length of the report is 8 standard pages and the maximum length is 10 standard pages. A standard page is 2,400 characters, including spaces and footnotes. The cover page, table of contents, literature list and appendices do not count as standard pages. Appendices are not assessed. The report must be prepared and written individually.

8.1.4 The internship examination

The internship period is finalised by an examination based on the written internship report.

The examination is an oral, internally assessed, individual examination based on the written internship report.

The written internship report, the oral presentation and the examination are assessed as a whole, leading to one single grade. The exam is assessed according to the 7-point grading scale

The examination is worth 15 ECTS credits.

8.1.5 Assessment criteria

The assessment criteria for the exam are the learning objectives for the internship. The learning objectives are described in the national part of the curriculum.

8.1.6 Examination schedule

The exam will take place at the end of the internship in the fourth semester. Information about the time and venue for the exam can be found in Teams.

8.1.7 Exam language

The exam language is English.

8.1.8 Aids

Books and electronic aids are allowed, but not during the oral part of the examination. For the presentation and demonstration of the multimedia products at the oral examination, the use of a pc, telephone or tablet is allowed.

8.2 The final degree project

For the intended learning outcome, please see the national part of the curriculum.

8.2.1 Formal requirements to the examination

The written group project (report and digital media production) that make up the assessment basis as well as the examination basis must

- meet the formal requirements for the final degree project
- be submitted correctly and in due time as per the exam plan in Teams

Late submission of the project report (report and digital media production) or non-compliance with the formal requirements means that the student will not be allowed to sit the examination and that one exam attempt will have been used.

Formal requirements for the written report

The written report must observe the formal requirements and structure specified in Mathiesen, L., 2020. *Portfolio and project work on the Multimedia Design programme at UCN* or later versions of the guide, which is available at all times in Teams.

The minimum length of the report is 27 standard pages and the maximum length is 30 standard pages for 1 student; minimum 36 and maximum 40 standard pages for 2 students and minimum 45 and maximum 50 standard pages for 3 students.

Requirements for the digital media production

The product must be a developed and realised digital user interface, which is technically advanced in relation to content, design and functionality, so that the interface and its content elements reacts actively and offers feedback to the input of the user.

8.2.2 Examination procedure

The exam is an externally assessed, individual, oral examination based on a written group project (report and digital media production) produced by the group.

The group must have at least one and a maximum of three members.

The report, the digital media production, the oral presentation, and the examination are assessed as a whole, leading to one single, individual grade.

The exam is assessed and graded according to the 7-point grading scale.

8.2.3 Spelling and writing skills

Spelling and writing skills will be assessed as part of the assessment and grading of the written exam project. Spelling and writing skills may, however, only increase or decrease the student's grade by one grade at the most. The assessment expresses an overall assessment of the professional and academic content as well as the student's spelling and writing skills.

8.2.4 ECTS credits

The examination is worth 15 ECTS credits.

8.2.5 Assessment criteria

The assessment criteria for the examination are the intended learning outcomes of the study programme, see the national part of the curriculum.

8.2.6 Examination schedule

The exam will take place at the end of the final semester of the study programme. Information about the time and venue for the exam can be found in Teams.

The exam cannot take place until the internship exam and the other exams of the study programme have been passed.

8.2.7 Exam language

The examination language is English.

8.2.8 Aids

Books and electronic aids are allowed, but not during the oral part of the examination. For the presentation and demonstration of the digital multimedia production at the oral examination, the use of a pc, telephone or tablet is allowed.

9. Programme elements that may be completed abroad

One or more programme elements in the third and fourth semesters of the study programme may be completed abroad if the student applies for and is granted pre-approval of credit transfer by the study programme. However, this can only take place after the student has passed the Multimedia production 2 examination.

The following programme elements may take place abroad:

- Elective (10 ECTS credits)
- The local programme elements User interface development and technology, Business and content production and User experiences and technology (20 ECTS credits). Please note that because of the design of the study programme, it is not possible to complete merely one or two of the three programme elements abroad
- Internship (15 ECTS credits)

In cases of pre-approved study-abroad periods, the student has a duty to document completion of the programme elements upon completion of the study-abroad period. When applying for pre-approval, the student must consent to the education institution collecting any required information after the student's completion of the study-abroad period.

On final approval of pre-approved credit transfer, the programme element is considered completed if it was passed according to the regulations governing the study programme.

UCN has a wide network of partner institutions abroad, and UCN International may help students who wish to complete part of their study programme abroad. Please contact UCN International for more information. However, please note that study-abroad periods require the student to perform a considerable amount of work. The individual student is responsible for finding out which subjects can be studied abroad etc. at the desired higher

education institution. UCN International will offer advice and help to students, but the department will not go into the detailed planning of a study abroad period. This is the student's responsibility.

10. Withdrawal from exams

The rules for withdrawal from exams can be found at ucn.dk/English in the *Examination Regulations*.

11. Applied teaching methods

UCN's study programs are based on Reflective Practice-Based Learning (RPL), enabling the students to develop competences to act professionally in a changing world. Throughout the study programme, the student develops professional, social, and personal competences, which enables the student to relate theoretical reflection to practical actions, thus taking into account the relevant theories, own experiences, and prior knowledge.

In the study programmes, RPL promotes teaching and learning activities that link practical knowledge, theoretical knowledge, and research-based knowledge. Six fundamental principles guide teaching and learning activities at UCN. The six fundamental principles aim to create constructive conditions for reflection to take place:

- Fundamental Principle No. 1: The students' own experiences are incorporated into teaching and learning activities
- Fundamental Principle No. 2: Teaching and learning activities are designed to include appropriate disturbances
- Fundamental Principle No. 3: Teaching and learning activities are organised as exploration
- Fundamental Principle No. 4: The content of teaching and learning activities is based on the good example
- Fundamental Principle No. 5: Lecturers and students work together on learning processes
- Fundamental Principle No. 6: Lecturers and students create room for dialogue

The six fundamental principles may unfold in different ways in different study programmes, semesters, and subjects. Active participation and involvement in relation to the student's own and fellow students' learning is, however, a shared characteristic for all six fundamental principles.

Methods at the Multimedia Design programme

At the Multimedia Design programme, the framing of RPL is supported through practice-based learning activities, which are the focal point of teaching, guidance, feedback, group work, individual assignments, collaboration between students and between students and lecturers. The production of digital user interfaces is a craft that is trained and qualified with knowledge from practice, method, and theory and by the common experience and understanding brought into play with the practical production focus of the programme. Hence it is the multimedia designer's practice, i.e. production of digital user interfaces, which sets the starting point for the organisation of the teaching and the student's theoretical and methodical reflection.

The learning focus for the first three semesters of the programme can be expressed as "basic", "complex" and "advanced". This signifies a progression in the programme, with the first semester focusing on processes and methods; second semester on creating a more complex whole and synergy between practical and theoretical knowledge and skill; and third semester on the synthesis of development-based knowledge, practice knowledge and theoretical knowledge.

At the same time, "basic", "complex" and "advanced" denote the level of skill and context in relation to production. In this context, "basic" stands for digital user interfaces with basic functionality, design, and user experience. "Complex" stands for digital user interfaces with multimodal content and design, programmed functionality and data exchange. Finally, "advanced" stands for highly developed digital user interfaces with full interactivity in both functionality and design as well as content and user experience.

At the Multimedia Design programme, Work- and Presentation portfolio, Rubrics, Evaluation and Problem-oriented project work serve as some of the specific methods that support Reflective Practice-Based Learning.

With Work- and Presentation portfolio, experience, exploration, and reflection are framed in the programme, while also offering the student the opportunity to follow her/his learning progress. The student's Work portfolio is private to the individual. Here materials, notes, assignments, exercises, questions and wonder as well as own works are collected. The student is encouraged to reflect on and over her/his experiences, challenges, and insights in the programme.

Presentation portfolio shows selected works (Rubrics) and written reflection. Reflection places particular emphasis on the student's ability to identify both outcomes and challenges, and to be critical and reflective of the learned or the not-fully-learned. The Presentation portfolio is included in Evaluation and the student shares the portfolio with the lecturers of the programme. Each month, students and lecturers meet for evaluation, where the Presentation portfolio, and along the way also projects, form the starting point for dialogue and feedback, feedback and feed forward. The purpose is that the student learns to reflect both in, with and over practice.

Rubrics are production-oriented tasks that give shape to learning outcomes in relation to practice. As part of both the Work- and Presentation portfolio, Rubrics should contribute to supporting the student's experience of and opportunity for following professional progression. A Rubric is formulated in a way and at a level, which means that most students must stretch to achieve the learning, but at the same time not such a high level that the task is perceived as insurmountable. The work with Rubrics should give the student an experience of step-wise mastery, i.e. successive expansion, and qualification of the field of activity.

Problem-oriented project work is another method used in the programme. Here, the focus is both on exploration, shared experiences, and collaboration. The project work is aimed at identifying and solving problems for companies and organisations. At the beginning of the programme, the lecturers establish collaboration with companies and select cases based on an exemplary principle. From the end of the second semester and throughout the rest of the programme, the students themselves find cooperating partners from the business, with support and guidance from the lecturers. Specifically, the students train common and individual experience in producing, and on this basis a practice-theory can be formed on principles of good multimedia design.

"Portfolio and project work on the Multimedia Design Programme at UCN" sets the framework and rules for the student's work in the programme in relation to the above methods. Herein, the students find, among other things, questions that frame the written reflection, as well as the framework and structure in relation to both the portfolio- and project work on the programme.

Study activity

The Study Activity Model shows the different study activities related to the teaching- and working forms in the programme.

The Study Activity Model for the Multimedia Design Programme can be found on <https://www.ucn.dk/english>, and each semester, the syllabus specifies which study activities under the Study Activity Model will be worked on during the semester in question. In theme plans there is an overview of the assessed workload of the different activities.

The Study Activity Model contributes to providing lecturers and students on the programme with a common language about study activities. In this way, the Study Activity Model is intended to improve dialogue between lecturers and students and demonstrate the many different types of study activities that are associated with the study programme and what demands are made on the student's working and planning performance. The student's expected effort in terms of time constitutes 42 hours per week.

12. Obligation to participate

The students have an obligation to participate in and to attend the study programme as stated under the examinations above. Obligation to participate are required because specific activities require the students to be present and actively participate in study activities.

The students' attendance at the scheduled programme study activities with obligation to participate is registered.

Non-compliance with the obligation to participate/the exam prerequisites, e.g. if a written or practical assignment is rejected, or non-compliance with formal requirements means that the student will have used an exam attempt. Subsequently, the student will only have two attempts remaining to pass the exam.

The study programme will offer help and guidance as early as possible if a student is neglecting his/her obligations to participate.

13. Criteria for the assessment of study activity

Students who have not passed at least one exam over a continuous period of at least one year (non-compliance with study activity requirements) will have their enrolment on the study programme terminated.

Periods during which a student has not been actively studying due to leave of absence, maternity or paternity leave, adoption of a child, verified illness or military service do not count as non-compliance with study activity requirements. On request, the student must provide documentation of such matters.

The study programme may grant an exemption from these provisions in exceptional circumstances. An exemption application should be submitted to the programme director.

The student will be informed in writing before enrolment is terminated. In connection with such notification, the student will be made aware of the above-mentioned rules.

14. Credit transfer for programme elements

Credit transfer evaluations take place in different situations.

14.1 Programme elements from the same study programme passed at another educational institution

Passed programme elements are equivalent to corresponding programme elements offered by other educational institutions providing the same study programme.

14.2 Credit transfer assessment (compulsory credit transfer) related to applications for admission/enrolment on a study programme

When a student has met his/her duty to disclose information about passed programme elements from another Danish or foreign higher education programme and about his/her work experience, which may be assumed to be worth transfer credit, the study programme will decide whether to grant transfer credit in each individual case. Transfer credit will be granted for passed educational components and work experience that can be equalled to course units, elements of a study programme or parts of an internship. The decision to award transfer credit is based on an academic assessment.

14.3 If a student has not met his/her duty to disclose information about prior education and work experience

Twice a year (in July and January, respectively, in the context of the start of studies), applications, which students have submitted if the duty to disclose information about prior education and work experience was not met as part of admission/enrolment, are assessed to determine whether credit transfer should be granted.

This can mean that the student will have to wait longer than anticipated to receive a decision concerning credit transfer.

It is therefore the student himself/herself who runs the risk of a decision concerning credit transfer not being made before the exam concerned.

- *IF the student does not sit the exam* and UCN subsequently decides NOT to grant the student transfer credit, the student will have used one exam attempt.
- *IF the student decides to sit the exam before UCN has made a credit transfer decision* and if UCN would have granted credit, then transfer credit will NOT be awarded as the student had decided to sit the exam. In this instance, the grade from the 'new' exam will be applicable irrespective of whether the 'old' exam grade – which might have been worth transfer credit if the student had applied for it in due time – is higher than the 'new' exam grade, and irrespective of whether the student passed the 'new' exam.

Once the student has decided to sit an exam, this will exclude the possibility of awarding transfer credit according to the application, even in cases where transfer credit would have been awarded.

14.4 Pre-approval of credit transfer and final credit transfer

Before a student leaves UCN for another educational institution in Denmark or abroad, the student must submit an application for pre-approval of credit transfer for the purpose of achieving credit transfer for a programme element from this UCN curriculum. Pre-approval of credit transfer is done by UCN.

When the student has successfully completed the programme element requested, and once the application for final credit transfer has been received with the appropriate documentation, final credit transfer will be granted.

If the student has not completed the programme element requested, the student must attend an exam according to the regulations for that programme element as set out in this curriculum.

For further information about the implementation of rules, see the current *Examination Regulations*.

15. Language

In the English-taught programme, all teaching and learning materials will be in English. Lectures are taught in English.

Students are not required to have any knowledge of foreign languages other than that stated in Ministerial Order on admission to academy profession degree programmes and professional bachelor's degree programmes (the Admission Order).

15.1 Exam language

Exams must be conducted in understandable English.

16. Resits and illness resits

The rules and regulations for resit exams and resit exams due to illness (illness resit exams) can be found at ucn.dk/English in the *Examination Regulations*.

17. Aids

Any rules on the restricted use of study aids will be described under each examination.

18. Special exam arrangements

A student may apply for special exam arrangements if a physical or mental impairment qualifies them to do so. The application should be submitted to the study programme not later than four weeks before the exam is to be held. The application deadline may be waived in cases of sudden health-related problems. The following should be enclosed with the application: a medical certificate; a statement from e.g. a speech, hearing, dyslexia or blind institute or other evidence of the student's condition or relevant specific disability or impairment.

Applications for permission to bring other study aids must be submitted to the programme not later than four weeks before the exam is to be held.

19. Academic misconduct at exams

When submitting a written exam paper, an examinee must confirm by signature that the paper was written without undue help.

19.1 Use of one's own work and the work of others – plagiarism

The rules for the use of one's own work and the rules against using other people's work as one's own (plagiarism) can be found at ucn.dk/English in the *Examination Regulations*.

19.2 Disciplinary actions in events of academic misconduct and disruptive behaviour during examinations

The rules concerning disciplinary actions in events of academic misconduct and disruptive behaviour during examinations can be found at UCN.dk under *Examination Regulations*.

20. Complaints about exams and appeals of decisions

The rules on complaints about exams and appeals against decisions can be found at ucn.dk/English in the *Examination Regulations*.

21. Exemption

The educational institution may grant exemption from those rules in the part of the curriculum that were laid down solely by the educational institutions on the grounds of exceptional circumstances. The educational institutions co-operate on a uniform exemption practice.

22. Effective date regulations

This institutional part of the curriculum comes into effect on August 15th 2021 and will apply to all students.