

Pba. In Product Development and Integrated Technology 1. semester 2019



Semester Description

August 2019, KESM



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1. Scope

This semester description is intended to ensure that there is a connection between the overall legislative framework for the education, and the specific lesson plans for the teaching, so that the students can at all times get a comprehensive overview of the rights and obligations that apply under the course of their studies; as well as orientation around the expectations that are set along the way.

The following documents are included in the overall set of regulations:

	Rules and Regulations	Education Documentation	National part of Curriculum	Institution part of Curriculum	Semester Description + Electives catalog	Lesson Plans
Purpose	Framework for technical and mercantile education	Framework for existing education	Joint legal contract with students	Institutional legal contract with students	Overview of the semester Communication with students	Overview of teaching courses
Prepared by	Ministry of Education	National Network	National Network	Local Education	Local Education	Teacher in Individual Education
Platform for publication	www.retsinfo.dk	Adgangsbekendtgørelsen	www.ucl.dk	www.ucl.dk	www.ucl.dk	Local Learning Platform

The semester description provides an overview of each semester's activities, as well as elaborating on specific requirements for activities.

It is taken into account that necessary changes in dates or descriptions etc. can take place during the semester. In these case, it will at all times be the latest version of the semester description, which is published on www.ucl.dk, which applies.

2. General Expectations

Since this is a full-time education, it is expected that each student will deliver a work effort that corresponds to full-time study.

The student is expected to actively participate in teaching, group work and any company visits.

At the program, we want to promote a good study and work environment. We believe that if we act courteously and respectfully towards one another, it will create a common place of

study and a good workplace. Read the detailed guidelines in the document "Standards for socializing and conduct" at www.ucl.dk under "For Students".

3. Overview

Pba. In Product Development and Integrated Technology, 1. Semester autumn 2019:

Time Period	Month	Activity	Pre-Requi- sites for Ex- ams
Week 36	August	Intro Week + Start of Lessons	
18. 24.	September	Study Start Test Re-Exam	x
Week 37 – 2	September – January 2020	Specialization and sustainability (5 ECTS)	x
Week 36 - 45	September - November	Case 1 Concept Generation Case 2 Business Models/Value stream Mapping Case 3 Market analysis	
Week 42	October	Autumn Holiday – Lesson Free	
Week 46 - 3	November – January 2020	Main project – Product development and integrated technology (25 ECTS)	
23. – 01. 2020	December – January 2020	Christmas Holiday	
8.	January	Internal exam specialization and sustain- ability Written form	
15. 22. & 23.	January January	Internal Exam main project Hand in written project Oral exam	x
27.	January	Internal re- exam specialization Written form	

4. Specific Requirements

7.	February	Internal re- exam main project Hand in written project	x
17.	February	Oral exam	

4. Specific Requirements

4.1 Activity 1: Intro Week + Start of Lectures

Week 36 starts with intro week, where there will also be some lessons.

The first semester contains the following subjects, which in total are 30 ECTS:

Subject:	Teachers:	ECTS:
Quality and Economics	Ivan	5
Strategy, Business and Project Management	Joy	10
Innovation, Concept Generation	Ivan	5
Theory of Science and methodology	Bettina	5
Specialization and sustainability (20 lessons)	Joy	5

And the following special parts, cases, projects:

Cases/Projects	
Specialization and sustainability	
Case 1 - Concept Generation - Ivan	
Case 2 - Business Models/Value Stream Mapping - Joy	
Case 3 - Market Analysis - Joy	
Main project (Product Development and Integrated Technology 25 ECTS)	

4.2 Activity 2: Study Start Exam

UCL Erhvervsakademi og Professionshøjskole run a student start-up exam in the Pba. in Product Development and Integrated Technology. The student must pass the study commencement test in order to continue with the program, by order of "eksamensbekendtgørelsen § 10".

Study Start Exam
Scheduled Timetable: Study Start Exam will be held within the first 2 months.

<p>Method: The study start exam consists of the following activities that the student must complete:</p> <p>In connection with the intro course of the education, the overall content of the education and the school's organization around the education are reviewed. Furthermore, thought is given to what it means to be a student and the institution's expectations are defined for the students and their scholastic efforts. It is their understanding of these topics that is verified in the study start test.</p>
<p>Description of examination type:</p> <p>The test is a multiple choice exam with one hour duration. The student has two attempts to complete the study start test.</p>
<p>Evaluation: Approved / not approved. The result is announced immediately after the activities have been completed.</p>
<p>Entrance Requirements: None</p>
<p>Consequences of failure to pass: If the test is not passed in the first attempt, the student has the opportunity to complete another test. If the study start exam is not completed in the second attempt, the student cannot continue on the program and is not permitted to continue, by order of "eksamensbekendtgørelsens § 10 og adgangsbekendtgørelsens §37 stk. 1 3. Punkt".</p>
<p>Relevant information for the study start exam: The study start exam is not covered by the rules on complaints about exams, by order of "eksamensbekendtgørelsen § 10. stk. 4". UCL Erhvervsakademi og Professionshøjskole may on an individual basis, alter the times scheduled for passing the study commencement exam if it is justified by illness, maternity leave or unusual circumstances. These conditions must be documented.</p>

4.3 Activity 3: Specialization and sustainability

The students will pick a topic of interest to them on a higher technical level than their previous education. If they do not have an idea for the topic matter, they can pick one from a list presented by the teacher. The student's will then decide on a personal course of study. They will present a plan to the teacher with their personal learning goals, a schedule, research materials (at least two legitimate sources: textbooks, classes, Coursera etc.) and a timeline for self-study.

By the midway point their course (end of semester 1) the students will have decided on a project to display their new skills and have it approved by the teacher. The project work must incorporate what they have learned in sustainability. They will present their future pro-

4. Specific Requirements

ject work and a written report summarizing their self-study lessons by the end of the semester. They must complete this written report with a passing grade before continuing on to semester 2.

The dates for delivery and re-examination are given in section 3 Overview.

4.4 Activity 4: Case 1 Concept Generation, Case 2 Business Models/Value Stream Mapping and Case 3 Market Analysis

There will be 3 mini projects within the first semester that the students must participate in and complete before proceeding to the main project. The projects will be conducted in Groups and will each take place within 2 week periods. The projects maybe be connected to a company or example company. The projects will include theoretical study of a topic, and then practical application in a real world environment.

Further details and dates for submission are stated in project descriptions, which the teachers will place on the learning platform.

4.5 Activity 5: Autumn Holiday – Lecture free

There is no teaching this week, but further individual work is being done on subjects and project cases.

4.6 Activity 6: Main project – Product development and integrated technology

For the main project the students will be given a business synopsis to develop based on the learning material from the semester. They will be given criteria to follow and goals to meet, together with the other subjects in the semester. The first semester will conclude with an internal exam (written and oral) combining all subjects from the semester.

The dates for delivery and the examination, as well as the re-examination are given in section 3 Overview.

Main Project	ECTS: 25	Internal
Scheduled Timetable: Last half of 1st Semester		
Exam Method: Presentation of Report and Oral Exam		

5. Approval

<p>Detailed description of examination form: A written report is prepared on the basis of a project presentation. The report may be individual or in groups. The project presentation is handed out on the learning platform at project start-up and work is being done on the project in parallel with the teaching. The project presentation will also contain detailed information on the course of the examination.</p>
<p>Grading: 7-point grading scale</p>
<p>Prerequisites: Admission to the oral exam is conditional on the students submitting the assignment in a timely manner at Wiseflow. If a student fails to participate in the group work, or the mini-projects it is the teacher's decision whether the student can continue.</p>
<p>Consequences of failure to pass: If the test is not passed in the first attempt, the student is given the opportunity to retake according to the examination order. It may be necessary to update / improve the student's own part in the case of a joint written report in connection with the 2nd and 3rd examination tests if it is assessed by the examiner / examiner.</p>

4.7 Activity 7: Christmas Holiday

No teaching.

5. Approval

This semester's description is approved by Hans James McDonald den 29.08.19.