

## Academic year 4 Specialization: Design & Development

### Term 1 Specialisation: Design & Development

Unit of study	Examination component	Credits
Aerodynamic Design	Aerodynamic Design	5
Control Systems Design	Control Systems Design	5
Space Engineering	Space Engineering	3
Helicopters	Helicopters	2

### Term 2 Specialisation: Design & Development

Unit of study	Examination component	Credits
Engineering Entrepreneurship Project	Engineering Entrepreneurship Project	15

## Academic year 4 Specialization: Lightweight Structures

### Term 1 Specialisation: Lightweight Structures

Unit of study	Examination component	Credits
Aircraft Structures 3	Aircraft Structures	5
Vibrations	Vibrations	3
Fatigue	Fatigue	2
Composites 2	Composites	5

### Term 2 Specialisation: Lightweight Structures

Unit of study	Examination component	Credits
Engineering Entrepreneurship Project	Engineering Entrepreneurship Project	15

## Specialization: Design & Development

<b>Aerodynamic Design - 1610DD301Z</b>					
<b>Academic year</b>	<b>Term</b>	<b>Name of examination component</b>	<b>With graduation product</b>	<b>Graduation product designation</b>	<b>Study load in credits</b>
4	Term 1	Aerodynamic Design	No	No	5
<b>Module with test and code</b>		<b>Assessment scale</b>	<b>Required minimum score</b>	<b>Weighting Factor</b>	<b>Number of study hours</b>
Aerodynamic Design Exam, 1610DD301A		Grade (10-100)	55	60%	84
<b>Module with test and code</b>		<b>Assessment scale</b>	<b>Required minimum score</b>	<b>Weighting Factor</b>	<b>Number of study hours</b>
Aerodynamic Design Assignment, 1610DD301B		Grade (10-100)	55	40%	56
<b>Content of unit of study</b>	Aerodynamic Design using modern CFD methods				
<b>Phase of Bachelor's programme</b>	In possession of the skills necessary for professi				
<b>Competencies</b>	BoKS 3: Aerodynamics & Flight Mechanics				
<b>Requirements for participation in units of study (See also Article 29 TER)</b>	None				

<b>Compensation (See also Article 127 TER)</b>	No	
<b>Specific details</b>	None	
<b>Module with assessment</b>	Aerodynamic Design Exam	
<b>Test criteria</b>	<p>The student is able to</p> <p>describe and explain the (elements of the) governing equations for fluids.</p> <p>describe and explain turbulence and its parameters and effects.</p> <p>describe the most common turbulence modelling methods including its advantages and disadvantages.</p> <p>describe, explain and apply the numerical methods used in CFD.</p> <p>describe and explain the (elements of the) verification and validation process in CFD.</p>	
<b>Details of assessments</b>	Written with test session	Exam
<b>Strategies and teaching activities</b>	Lectures	
<b>Contact hours for strategies and teaching activities</b>	12,5	1.5 hours lecture per week and 2 hours exam
<b>Compulsory attendance (See also Article 115 TER)</b>	No	
<b>Permitted aids</b>	Standard non-programmable calculator	
<b>Module with assessment</b>	Aerodynamic Design Assignment	
<b>Test criteria</b>	<p>The student is able to</p> <p>work with a commercial CFD package.</p> <p>set up and perform a CFD simulation correctly.</p> <p>report and document a CFD simulation according to guidelines used in the industry.</p>	
<b>Details of assessments</b>	Other Method	Assignment

	without test session	
<b>Strategies and teaching activities</b>	Workshops	
<b>Contact hours for strategies and teaching activities</b>	7,5	5 x 1.5 hours workshop
<b>Compulsory attendance (See also Article 115 TER)</b>	No	
<b>Permitted aids</b>	N/A	

Bewerk					
<b>Control Systems Design - 1612DD302Z</b>					
<b>Academic year</b>	<b>Term</b>	<b>Name of examination component</b>	<b>With graduation product</b>	<b>Graduation product designation</b>	<b>Study load in credits</b>
4	Term 1	Control Systems Design	No	No	5
<b>Module with test and code</b>		<b>Assessment scale</b>	<b>Required minimum score</b>	<b>Weighting Factor</b>	<b>Number of study hours</b>
Control Theory Exam, 1612DD302A		Grade (10-100)	55	100%	84
<b>Module with test and code</b>		<b>Assessment scale</b>	<b>Required minimum score</b>	<b>Weighting Factor</b>	<b>Number of study hours</b>
Control Theory Assignment, 1612DD302B		Pass/Fail	Pass	0%	56

<b>Content of unit of study</b>	Understanding of: the concept of steady state error the principles of sketching root locus plots	
<b>Phase of Bachelor's programme</b>	In possession of the skills necessary for professi	
<b>Competencies</b>	BoKS 5: Electronics, Systems & Control	
<b>Requirements for participation in units of study (See also Article 29 TER)</b>	None	
<b>Compensation (See also Article 127 TER)</b>	No	
<b>Specific details</b>	None	
<b>Module with assessment</b>	Control Theory Exam	
<b>Test criteria</b>	The student is able to Determine steady state errors for different input signals and transfer functions Sketch root locus plots for different transfer functions Design simple controllers using the root locus design method	
<b>Details of assessments</b>	Written with test session	Exam
<b>Strategies and teaching activities</b>	Lectures	
<b>Contact hours for strategies and teaching activities</b>	23	2 x 1.5 hours of lectures per week and a 2 hour exam
<b>Compulsory attendance (See also Article 115 TER)</b>	No	
<b>Permitted aids</b>	Standard non-programmable calculator	

<b>Module with assessment</b>	Control Theory Assignment	
<b>Test criteria</b>	<p>The student is able to:</p> <p>Calculate steady state errors for different input signals and transfer functions;</p> <p>Sketch root locus plots of different transfer functions;</p> <p>Design simple controllers using the root locus design method</p>	
<b>Details of assessments</b>	Other Method without test session	<p>New assignment every week to solve during the instruction classes.</p> <p>Work in pairs is preferred.</p> <p>Problem to solve in final week regard all subjects previously discussed / dealt with. Lecturer will notify if participation is unsatisfactory.</p> <p>Exclusion is possible in case participant outcome is still insufficient the week thereafter.</p> <p>No grade. Just sufficient or not.</p>
<b>Strategies and teaching activities</b>	Tutorials	
<b>Contact hours for strategies and teaching activities</b>	10,5	<p>7 x 1.5 hour tutorial</p> <p>Note: In case you are not finished within the time set, you have to finish the final assignment in your own extra time</p>
<b>Compulsory attendance (See also Article 115 TER)</b>	No	Skip 1 class is allowed. However, assignments have to be approved by lecturer at end of each class. Participation is kept track of.
<b>Permitted aids</b>	Open book, so internet etc. can be consulted.	

Bewerk					
<b>Space Engineering - 1610DD303Z</b>					
<b>Academic year</b>	<b>Term</b>	<b>Name of examination component</b>	<b>With graduation product</b>	<b>Graduation product designation</b>	<b>Study load in credits</b>
4	Term 1	Space Engineering	No	No	3

<b>Module name and code</b>	<b>Assessment scale</b>	<b>Required minimum score</b>	<b>Weighting Factor</b>	<b>Number of study hours</b>
Space Engineering Exam, 1610DD303A	Grade (10-100)	55	100%	84
<b>Content of unit of study</b>				
	Space Engineering			
<b>Phase of Bachelor's programme</b>				
	In possession of the skills necessary for professi			
<b>Competencies</b>				
	BoKS 2: Structures & Mechanics BoKS 4: Thermodynamics & Propulsion BoKS 5: Electronics, Systems & Control BoKS 7: Business, Airworthiness & Operations BoKS 8: Research & Design			
<b>Requirements for participation in units of study (See also Article 29 TER)</b>				
	None			
<b>Compensation (See also Article 127 TER)</b>				
	No			
<b>Specific details</b>				
	None			
<b>Test criteria</b>				
	The student is able to Describe the development phases and design philosophy in space projects and describe the different aspects of the space environment and its effects on man and spacecraft. Describe the relationship between mission, orbits, orbit changes and required propellant mass and perform basic orbital mechanics calculations, including transfer orbits.			

	<p>Describe the basic characteristics of solid and liquid propellants, the build-up of propulsion systems and most important performance parameters of rocket engines, and calculate chemical rocket engine performance parameters.</p> <p>Describe the build-up of launch vehicles, and launch sequence, and calculate the burn-out velocities of single and multi-stage rockets.</p> <p>Show knowledge of basic on-board spacecraft systems, regarding build-up and function, and select a suitable system for a specific mission.</p>	
<b>Details of assessments</b>	Written with test session	Exam
<b>Strategies and teaching activities</b>	Lectures	
<b>Contact hours for strategies and teaching activities</b>	12,5	10.5 hours lecture and 2 hours exam
<b>Compulsory attendance (See also Article 115 TER)</b>	No	
<b>Permitted aids</b>	Standard non-programmable calculator	

Bewerk					
<b>Helicopters - 1610DD304Z</b>					
<b>Academic year</b>	<b>Term</b>	<b>Name of examination component</b>	<b>With graduation product</b>	<b>Graduation product designation</b>	<b>Study load in credits</b>
4	Term 1	Helicopters	No	No	2
<b>Module name and code</b>		<b>Assessment scale</b>	<b>Required minimum score</b>	<b>Weighting Factor</b>	<b>Number of study hours</b>



Helicopters, 1610DD304A	Grade (10-100)	55	100%	56
<b>Content of unit of study</b>	Helicopters			
<b>Phase of Bachelor's programme</b>	In possession of the skills necessary for professi			
<b>Competencies</b>	BoKS 3: Aerodynamics & Flight Mechanics			
<b>Requirements for participation in units of study (See also Article 29 TER)</b>	None			
<b>Compensation (See also Article 127 TER)</b>	No			
<b>Specific details</b>	None			
<b>Test criteria</b>	<p>The student is able to</p> <p>describe the general characteristics of helicopters.</p> <p>identify and describe aerodynamic and stability and control components of helicopters.</p> <p>calculate the performance of helicopters.</p> <p>analyse, verify and validate helicopter performance calculations.</p>			
<b>Details of assessments</b>	Written without test session	Report		
<b>Strategies and teaching activities</b>	Lectures			
<b>Contact hours for strategies and teaching activities</b>	10,5	1.5 hours lecture per week		

<b>Compulsory attendance (See also Article 115 TER)</b>	No	
<b>Permitted aids</b>	N/A	

## Specialization: Lightweight Structures

<b>Aircraft Structures 3 - 1615LS301Z</b>					
<b>Academic year</b>	<b>Term</b>	<b>Name of examination component</b>	<b>With graduation product</b>	<b>Graduation product designation</b>	<b>Study load in credits</b>
4	Term 1	Aircraft Structures	No	No	5
<b>Module with test and code</b>		<b>Assessment scale</b>	<b>Required minimum score</b>	<b>Weighting Factor</b>	<b>Number of study hours</b>
Aircraft Structures 3, 1615LS301A		Grade (10-100)	55	100%	98
<b>Module with test and code</b>		<b>Assessment scale</b>	<b>Required minimum score</b>	<b>Weighting Factor</b>	<b>Number of study hours</b>
FEM Assignment, 1615LS301B		Pass/Fail	Pass	0%	42
<b>Content of unit of study</b>	Aircraft Structures FEM assignment				
<b>Phase of Bachelor's programme</b>	In possession of the skills necessary for professi				
<b>Competencies</b>	BoKS 2: Structures & Mechanics				
<b>Requirements for participation in units of study (See also Article 29 TER)</b>	None				

<b>Compensation (See also Article 127 TER)</b>	No	
<b>Specific details</b>	None	
<b>Module with assessment</b>	Aircraft Structures 3	
<b>Test criteria</b>	<p>The student can</p> <p>Calculate shear flows and normal forces in open and closed multi-cell cross-sections for an idealized wing or an idealized fuselage;</p> <p>Calculate shear flows and normal forces in idealized wing ribs or idealized fuselage frames;</p> <p>Calculate shear flows and normal forces in an idealized wing box or an idealized fuselage with a cut-out.</p>	
<b>Details of assessments</b>	Written with test session	Exam
<b>Strategies and teaching activities</b>	Lectures	
<b>Contact hours for strategies and teaching activities</b>	23	2 x 1.5 hours of lectures per week and a 2 hour exam
<b>Compulsory attendance (See also Article 115 TER)</b>	No	
<b>Permitted aids</b>	Standard non-programmable calculator	
<b>Module with assessment</b>	FEM Assignment	
<b>Test criteria</b>	<p>The student is able to:</p> <p>Create, run and analyse different FEModels with help of Patran/Nastran and using different types of elements (beam, rod, membrane, shear, shell elements)</p> <p>Interpretate and correct typical analysis warnings and failure messages from Patran/Nastran</p> <p>Correlate theory and practice in FEM analyses w.r.t. strength and stiffness of simplified structures</p>	

	Perform important quality checks to validate FEM results (hand calculations, equilibrium checks, free bodies, deformation checks, checks of log files processing results) Present FEModels and results in a stress report	
<b>Details of assessments</b>	Other Method without test session	Report
<b>Strategies and teaching activities</b>	Lectures & Workshops	
<b>Contact hours for strategies and teaching activities</b>	10,5	2 x 1.5 lecture 5 x 1.5 hour workshop
<b>Compulsory attendance (See also Article 115 TER)</b>	No	
<b>Permitted aids</b>	N/a	

Bewerk					
<b>Vibrations - 1610LS302Z</b>					
<b>Academic year</b>	<b>Term</b>	<b>Name of examination component</b>	<b>With graduation product</b>	<b>Graduation product designation</b>	<b>Study load in credits</b>
4	Term 1	Vibrations	No	No	3
<b>Module name and code</b>		<b>Assessment scale</b>	<b>Required minimum score</b>	<b>Weighting Factor</b>	<b>Number of study hours</b>
Vibrations, 1610LS302A		Grade (10-100)	55	100%	84

<b>Content of unit of study</b>	Vibrations Introduction to vibrations. Recognising difference between forced and free vibrations; critically damped, underdamped and overdamped systems. Impact of vibrations on aircraft design.
<b>Phase of Bachelor's programme</b>	In possession of the skills necessary for professi
<b>Competencies</b>	BoKS 2: Structures & Mechanics BoKS 1: Mathematics
<b>Requirements for participation in units of study (See also Article 29 TER)</b>	None
<b>Compensation (See also Article 127 TER)</b>	No
<b>Specific details</b>	None
<b>Test criteria</b>	The student knows introductory vibrations terminology and notations can model and analyse free vibrations of damped and undamped 1-DOF systems; can model and analyse forced vibrations of damped and undamped 1-DOF systems; can model and analyse free vibrations of undamped 2-DOF systems. can model and analyse forced vibrations of undamped 2-DOF systems.
<b>Details of assessments</b>	Written with test session Exam
<b>Strategies and teaching activities</b>	Lectures

<b>Contact hours for strategies and teaching activities</b>	23	2 x 1.5 hours of lecture per week and 2 hours exam
<b>Compulsory attendance (See also Article 115 TER)</b>	No	
<b>Permitted aids</b>	Standard non-programmable calculator	

Bewerk					
<b>Fatigue - 1614LS303Z</b>					
<b>Academic year</b>	<b>Term</b>	<b>Name of examination component</b>	<b>With graduation product</b>	<b>Graduation product designation</b>	<b>Study load in credits</b>
4	Term 1	Fatigue	No	No	2
<b>Module name and code</b>		<b>Assessment scale</b>	<b>Required minimum score</b>	<b>Weighting Factor</b>	<b>Number of study hours</b>
Fatigue, 1614LS303A		Grade (10-100)	55	100%	56
<b>Content of unit of study</b>	Introduction to fatigue				
<b>Phase of Bachelor's programme</b>	In possession of the skills necessary for professi				
<b>Competencies</b>	BoKS 2: Structures & Mechanics BoKS 6: Materials & Manufacturing				
<b>Requirements for participation in units of study (See</b>	None				

<b>also Article 29 TER)</b>			
<b>Compensation (See also Article 127 TER)</b>	No		
<b>Specific details</b>	None		
<b>Test criteria</b>	<p>The student is able to:</p> <p>explain the theoretical model for fatigue analysis. He is aware of the surface effects like stress concentrations, residual stresses and surface irregularities that endurance of material life.</p> <p>explain the theoretical model for crackgrowth. He knows the factors (like cracklength and stress intensity) influencing the crackgrowth speed.</p> <p>explain which loads and conditions are be applied for testing.</p> <p>explain which measures shall be taken to enhance the endurance of a design. He can improve a design for fatigue and crackgrowth.</p> <p>use a typical life prediction tool as being used for verification of fatigue and crackgrowth analysis.</p>		
<b>Details of assessments</b>	<table border="1"> <tr> <td>Written with test session</td> <td>Exam</td> </tr> </table>	Written with test session	Exam
Written with test session	Exam		
<b>Strategies and teaching activities</b>	Lecture + guest lectures		
<b>Contact hours for strategies and teaching activities</b>	<table border="1"> <tr> <td>14,5</td> <td>7 x 1.5 lecture hours + 2 guest lecture hours + 2 hours exam</td> </tr> </table>	14,5	7 x 1.5 lecture hours + 2 guest lecture hours + 2 hours exam
14,5	7 x 1.5 lecture hours + 2 guest lecture hours + 2 hours exam		
<b>Compulsory attendance (See also Article 115 TER)</b>	No		
<b>Permitted aids</b>	Ruler, standard non-programmable calculator. Open book: prof Jaap Schijve, Fatigue of structures and materials		

Bewerk

**Composites 2 - 1610LS304Z**



Academic year	Term	Name of examination component	With graduation product	Graduation product designation	Study load in credits
4	Term 1	Composites	No	No	5
Module with test and code	Assessment scale	Required minimum score	Weighting Factor	Number of study hours	
Composites 2, 1610LS304A	Grade (10-100)	55	100%	84	
Module with test and code	Assessment scale	Required minimum score	Weighting Factor	Number of study hours	
Composites Practical, 1610LS304B	Pass/Fail	Pass	0%	56	
Content of unit of study	<p><b>Composites 2:</b> is follow up of Composites 1 and Laminate Theory (year 2/3) covering different topics with more focus on the fundamentals. The lectures cover a range of topics that are outcomes of the research carried out within Inholland Composites.</p> <p><b>Practical:</b> combination of design, manufacturing and testing composite test specimens in relation to course Composites 2. There will be the possibilities of excursions and guest lectures to demonstrate practical applications within companies.</p>				
Phase of Bachelor's programme	In possession of the skills necessary for professi				
Competencies	<p>BoKS 2: Structures &amp; Mechanics</p> <p>BoKS 6: Materials &amp; Manufacturing</p> <p>BoKS 8: Research &amp; Design</p>				

	BoKS 9: Professionalising	
<b>Requirements for participation in units of study (See also Article 29 TER)</b>	None	
<b>Compensation (See also Article 127 TER)</b>	No	
<b>Specific details</b>	None	
<b>Module with assessment</b>	Composites 2	
<b>Test criteria</b>	<p>The student</p> <p>shows how to select the right fibre and matrices combination based on an application or set of requirements;</p> <p>knows quality methods and checks used within composite industry;</p> <p>shows how to design, verify and realize a composite (repaired) structure;</p> <p>knows different repair methods;</p> <p>show how to set-up a test plan for composite structures bases on acquired knowledge of test sequences;</p> <p>knows different test methods and possible outcomes;</p> <p>describes and discusses composite applications and its innovative design methods;</p> <p>knows different design methodologies;</p> <p>shows how to design a composite repair and discusses the variables within this design.</p>	
<b>Details of assessments</b>	Written with test session	Exam
<b>Strategies and teaching activities</b>	Lectures	
<b>Contact hours for strategies and teaching activities</b>	12,5	7 x 1.5 hour lecture plus 2 hours exam

<b>Compulsory attendance (See also Article 115 TER)</b>	No	
<b>Permitted aids</b>	Standard non-programmable calculator	
<b>Module with assessment</b>	Composites Practical	
<b>Test criteria</b>	The student is able to: execute and evaluate a production plan; execute and evaluate damage assessment; execute and evaluate a design plan for a composite repair; execute and evaluate a composite repair; execute and evaluate a test program.	
<b>Details of assessments</b>	Other Method without test session	Report / Presentation (oral)
<b>Strategies and teaching activities</b>	Workshop/practical and excursion	
<b>Contact hours for strategies and teaching activities</b>	21	7 x 3 hours practical/workshop lab
<b>Compulsory attendance (See also Article 115 TER)</b>	Yes	
<b>Permitted aids</b>	N/A	

# ENGINEERING ENTREPRENEURSHIP

Engineering Entrepreneurship Project					
Academic year	Term	Name of examination component	With graduation product	Graduation product designation	Study load in credits
4	Term 2	Engineering Entrepreneurship Project	No	No	15
Module with test and code		Assessment scale	Required minimum score	Weighting Factor	Number of study hours
Research proposal,		Pass/Fail	Pass	0%	42
Module with test and code		Assessment scale	Required minimum score	Weighting Factor	Number of study hours
Technical Feasibility,		Grade (10-100)	55	70%	250
Module with test and code		Assessment scale	Required minimum score	Weighting Factor	Number of study hours
Business Feasibility		Grade (10-100)	55	30%	126
Module with test and code		Assessment scale	Required minimum score	Weighting Factor	Number of study hours
Personal Feasibility,		Pass/Fail	Pass	0%	2

<p><b>Content of unit of study</b></p>	<p>Each team is obliged to start this program with a self-chosen technology. This self-chosen technology has to be <b>realistic, entrepreneurial and represent</b> who you are as a team. The following requirement could be used to assess which idea is a strong starting point:</p> <p>You have to be able to design and build (part) of the technology yourself in order to proof technical feasibility (i.e. realistic) by making a prototype.</p> <p>The technology has to be accomplished with an implementation strategy, (i.e. entrepreneurial);</p> <p>The technology has to fit your passions and interests as a team (i.e. passionate).</p> <p>You will test / validate the technological and market feasibility of your idea, and finally pitch this idea to an external jury.</p>	
<p><b>Phase of Bachelor's programme</b></p>	<p>In possession of the skills necessary for professili</p>	
<p><b>Competencies</b></p>	<p>Competence 1. Analysis  Competence 2. Design  Competence 3. Realisation  Competence 4. Control  Competence 5. Management  Competence 6. Advice  Competence 7. Research  Competence 8. Professionalisation</p>	
<p><b>Requirements for participation in units of study (See also Article 29 TER)</b></p>	<p>None</p>	
<p><b>Compensation (See also Article 127 TER)</b></p>	<p>No</p>	
<p><b>Specific details</b></p>	<p>None</p>	
<td colspan="2"></td>		

<b>Module with assessment</b>	Research proposal		
<b>Test criteria</b>	Formulate the main research question and sub questions for the technical feasibility study.		
<b>Details of assessments</b>	Written without test session	Assignment	
<b>Strategies and teaching activities</b>	Tutorial		
<b>Contact hours for strategies and teaching activities</b>	4		
<b>Compulsory attendance (See also Article 115 TER)</b>	No		
<b>Permitted aids</b>	N/A		
<hr/>			
<b>Module with assessment</b>	Technical Feasibility		
<b>Test criteria</b>	<p>This report should be a technical report in which you explain in detail all the technological aspects.</p> <p>Your idea: Value Proposition</p> <p>What is the idea and the technology that forms the basis of your Business feasibility plan?</p> <p>This should include:</p> <p>Vision: Which problem are you going to solve?</p> <p>Mission: Why and How are you going to solve this problem?</p> <p>Ambition: What are your goals? What do you want to achieve?</p>		
<b>Details of assessments</b>	Written without test session	Technical report	The result will be determined within 20 working days (Also see art. 131 TER)
<b>Strategies and teaching activities</b>	Project		

<b>Contact hours for strategies and teaching activities</b>	10		
<b>Compulsory attendance (See also Article 115 TER)</b>	No		
<b>Permitted aids</b>	N/A		
<b>Module with assessment</b>	Business Feasibility		
<b>Test criteria</b>	<p>The second part explains several practical tools that will help you work out a business plan for implementation of your idea for a product or service.</p> <p>To goal is to gain insight in the many different aspects that influence your business idea.</p> <p>For this report you have to use the Business Model Canvas of Alexander Osterwalder.</p>		
<b>Details of assessments</b>	Written without test session	Business feasibility report	The result will be determined within 20 working days (Also see art. 131 TER)
<b>Strategies and teaching activities</b>	Workshops / masterclasses		
<b>Contact hours for strategies and teaching activities</b>	40		
<b>Compulsory attendance (See also Article 115 TER)</b>	No		
<b>Permitted aids</b>	N/A		
<b>Module with assessment</b>	Personal Feasibility		
<b>Test criteria</b>	<p>For the third part you will give a personal pitch.</p> <p>For this pitch you have to answer the question 'why should we hire you'?</p>		

	To answer this question you use the insights (self-reflection) that you have gathered about yourself during this project and/or in the other years of this educational program	
<b>Details of assessments</b>	Other Method without test session	Presentation
<b>Strategies and teaching activities</b>	Project	
<b>Contact hours for strategies and teaching activities</b>	10	
<b>Compulsory attendance (See also Article 115 TER)</b>	No	
<b>Permitted aids</b>	N/A	