



**MASTER of Science - Double Degree in
PRODUCTION ENGINEERING AND MANAGEMENT (location: Pordenone)
with University of Applied Sciences – Hochschule Ostwestfalen-Lippe (Germania)**

**CLASS LM31
STUDY PLAN**

For students enrolled in 1st year of course in ay. 2018/19

The curriculum is based on six educational activities types:

A = basic educational activities

B = core educational activities

C = similar/complementary educational activities

D = educational activities freely chosen by the student and consistent with the training project

E = activities related to the final examination and assessing the student's skills in at least one foreign language

F = other educational activities aimed at achieving further linguistic, IT, data communication and relational skills and other professionally relevant skills, as well as internships with external bodies

Common Curriculum				
I anno (58 CFU)				
<i>Discipline</i>	<i>Module</i>	<i>Sector</i>	<i>TAF</i>	<i>CFU</i>
I Semester				
Cogeneration and industrial Energy Management		ING-IND/09	C	9
Industrial Plants		ING-IND/17	B	9
Applied Mathematics		MAT/08	C	10
II Semester				
Engineering Planning and Control			B	12
<i>2 modules</i>	<i>Production Planning and Control</i>	ING-IND/16		6
	<i>Product Design and Engineering</i>	ING-IND/35		6
Furniture Technology			B	12
<i>2 modules</i>	<i>Special Machinerics and Processes</i>	ING-IND/13		6
	<i>Materials and Technologies</i>	ING-IND/22		6
Operations Management		ING-IND/17	B	6
II anno (62 CFU)				
<i>Discipline</i>	<i>Module</i>	<i>Sector</i>	<i>TAF</i>	<i>CFU</i>
I Semester				
Management and Information Techniques of SME		ING-IND/35	B	10
<i>Choose 2 out of 4 modules</i>	<i>Strategic Management</i>			5
	<i>Data Structure for Production Technology</i>			5
	<i>IT-Systems in Production Management</i>			5
	<i>Industrial Costing</i>			5
Specialised Manufacturing Technologies		ING-IND/22	C	10
<i>Choose 2 out of 4 modules</i>	<i>Non Destructive Material Testing</i>			5



	<i>Industrial Bonding Technologies</i>			5
	<i>Rapid Technologies</i>			5
	<i>Automated Complex Installations</i>			5
Product and Process Development		ING-IND/16	B	10
<i>Choose 2 out of 4 modules</i>	<i>Advanced Wood Based Materials</i>			5
	<i>Advanced Surface Technologies</i>			5
	<i>Advanced Production Technologies and Optimisation</i>			5
	<i>Innovation Management</i>			5
II Semester				
<i>Choose 1 out of 5 teachings</i>				8
Organisational Behaviour and Design		SECS-P/10	D	8
Industrial Organisation		SECS-P/06	D	8
Industrial Plants II		ING-IND/17	D	8
Environmental and energy economy		IND-ING/35	D	8
Internship			F	6
Thesis			E	18

There are not background exams required.

FURTHER INFORMATIONS

Students of each university must study for one semester in the other university. Students from Germany are expected to spend their second semester of the first year in Italy.

Students from Italy will study in Germany in their third semester (second year of the course).

Every discipline provides for an oral examination. Some disciplines provide for a written examination and then an oral examination too.

The internship activities are evaluated by a university committee together with the host firm,

ASSESSMENT METHODS. Based on the agreement between the two University (Trieste-Italy and Lemgo-Germany) the assessment methods are written and oral examinations at the end of the semester according to the exam date.

The student who fails the same exam for more than 4 times can't continue the study program.