

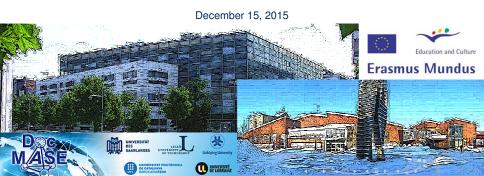


MECHANICS OF EXTREME THIN COMPOSITE LAYERS FOR AEROSPACE APPLICATIONS

STUDY PLAN PROPOSAL

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Outline

- ≥ Review of educational requirements
- Proposed study plan







Requirements of DocMASE framework Requirements of EMMA doctoral school Requirements of Lulea University of Technology

REQUIREMENTS







Review of educational requirements Proposed study plan

Requirements of DocMASE framework Requirements of EMMA doctoral school Requirements of Luleå University of Technology

Requirements of DocMASE framework

Туре	ECTS credits	Attendance	Description/Notes
Scientific courses	15 10		
Complementary skills	5		
Yearly summer schools		At least 2	Dunnamenting of warning
Annual workshops Seminars & Conferences			Presentation of research work. Attend conferences
			and present individual research work.
Scientific publications			Peer-reviewed publications.







Requirements of DocMASE framework Requirements of EMMA doctoral school Requirements of Luleå University of Technology

Requirements of EMMA doctoral school

Туре	ECTS credits	Hours	Notes	Description
Scientific courses	4	20		Reduced requirement for co-supervised project.
Transverse courses	4	20		Reduced requirement for co-supervised project.
Doctoriales			At least once	1-time for 5-days, preferably during the 2 nd year.
Seminars & Conferences				15 seminars
Yearly doctoral school seminar First quarter review Mid-term review On-line portfolio of competences			At least once	Oral or poster presentation. Written report. Oral presentation. To be regularly updated.
Scientific publications				At least one peer- reviewed publication.







Requirements of DocMASE framework Requirements of EMMA doctoral school Requirements of Luleå University of Technology

Requirements of Luleå University of Technology

Туре	ECTS credits	Hours	Description/Notes	
Scientific & transverse courses	60		Minimum	60,
			maximum	120
			ECTS credits.	















Title		Code	ECTS credits	Hours
Aerospace Materi	als	T7005T	7.5	
Institution	Luleå University of Tec	hnology.		
Organization	The course will take p June 19, 2016 (week 2		pril 4, 2016	(week 14) to
Requirements	It satisfies the Dock requirements for scien Technology requirement	tific courses		
Needs	The focus of the cour theme, as it reviews to ment and damage pred applications.	rse is strong he methods	for perform	ance assess-
Status	Agreed upon with supe	rvisors.		







Title		Code	ECTS credits	Hours
Français langue é (French as secon	•	FI4 131 B	≈ 8/9	44
Institution Organisation	Université de Lorraine. The course will take pla days a week (Monday 2016 and March 25, 20	and Tuesday		
Requirements	It satisfies the DocMAS EMMA requirements for be transferred for credit	transverse co	ourses. It cou	uld probably
Needs	As I have never studied with the basic tools to lift foundations on which to	ve and work in	France as v	well with the
Status	Enrolled.			







Title		Code	ECTS credits	Hours
Modeling of crys	stal behavior and tex-	EMMA 05	5	24
Institution	Université de Lorraine.			
Organisation	Distance learning format	t.		
Requirements	It satisfies the DocMAS requirements for scient transferred for credits to	ific courses.	It could p	probably be
Needs	The course is related to directly to the research on crystal behaviour fits more complete backgrou	project. I thir s well and co	ık a higher-l ould help m	evel course
Status	Under discussion.			

Title



Code

ECTS

credits



Hours

Review of educational requirements Proposed study plan

	5.555	
des non physicier	ue à l'usage exclusif EMMA 11 3 15 is s for non-physicists)	
Institution	Université de Lorraine.	
Organisation	The course will take place from 14:00 to 17:00 on February 24, March 02, 09, 16, 23, 2016 (a total of 5 lectures).	,
Requirements	It satisfies the DocMASE for scientific training and EMMA requirements for scientific courses. It could probably be transferred for credits to satisfy Luleå requirements.	
Needs	The course is related to the doctoral school theme, but not directly to the research project. It will provide the basic understandings to work within the (sub-)atomic materials science field.	;
Status	Under discussion.	







Title		Code	ECTS credits	Hours
Advanced use of	Microsoft-Excel	RP2E MS 21	≈ 4	20
Institution Organization	Université de Lorrain The course will take and a half lunch-brea of 6 lectures).	place from 09:00 to	,	
Requirements	It satisfies the Dock requirements for sci transferred for credits	entific courses. It	could pro	bably be
Needs Status	The course could great in the doctoral project and thus a large and knowledge of Micros analysis procedure a Under discussion.	eatly help the resea ect. As many sim- nount will be gener oft-Excel could help	rch work oulations whated, an automate	onducted ill be run advanced







Title		Code	ECTS credits	Hours
	milieux heterogenes naterials modeling)	RP2E MS 23	≈ 4	20
Institution	Université de Lorraine.	<u>-</u>		
Organization	The course will take p 2016 (a total of 6 lectu		, 22, 23, 2	4 and 25,
Requirements	It satisfies the DocMA requirements for scie transferred for credits t	ntific courses. It	could pro	bably be
Needs	The subject of the courreviews the methods for analysis of heterogene polymer composites. that can be put to fruitful.	or the micro-mecha eous materials, suc It could potentially	nical and m th as fiber i provide v	nulti-scale reinforced
Status	Under discussion.			







THANK YOU!

