

2026 年度シラバス

科目分類/Subject Categories			
学部等/Faculty	/大学院工学科学研究科（博士前期課程）： /Graduate School of Science and Technology (Master's Programs)	今年度開講/Availability	/有：/Available
学域等/Field	/物質・材料科学域：/Academic Field of Materials Science	年次/Year	/1～2年次：/1st through 2nd Year
課程等/Program	/材料制御化学専攻：/Master's Program of Material's Properties Control	学期/Semester	/春学期：/Spring term
分類/Category	/授業科目：/Courses	曜日時限/Day & Period	/：/

科目情報/Course Information				
時間割番号 /Timetable Number				
科目番号 /Course Number	61760026			
単位数/Credits	2			
授業形態 /Course Type	演習：Practicum			
クラス/Class				
授業科目名 /Course Title	Internship/Professional training：Internship/Professional training			
担当教員名 /Instructor(s)	/トリノ工科大学教員（材料創製化学専攻および材料制御化学専攻ダブル・ディグリープログラムコース）： Related teacher of Polytechnic University of Turin (Double Degree Program course in the Master's Program of Innovative Materials and Material's Properties Control)			
その他/Other	インターンシップ実施科目 Internship	国際科学技術コース提供科目 IGP	PBL 実施科目 Project Based Learning	DX 活用科目 ICT Usage in Learning
	○			
	実務経験のある教員による科目 Practical Teacher			
科目ナンバリング /Numbering Code				

授業の目的・概要 Objectives and Outline of the Course	
日	様々な受入機関や民間企業で行われる専門的または材料合成に関連する業務は、本科目で取得した単位として認定される。独立性と独創性を備えた研究者、あるいは高度な専門職・ビジネスパーソンを育成することを目的とし、材料合成に関連する日常業務を通じて実践を行う。これにより研究課題の本質をより深く探求し、既存の方法に流されることなく革新的で独創的な発想を生み出す能力を養う。
英	Jobs related to specialized or materials synthesis performed at various host institutions or private companies will be recognized as credits earned by this course. Aiming at training of a researcher with independency and originality or advanced professionals business people, it carries out as an exercise through daily business associated with materials synthesis for the purpose of exploring the essence in connection with a research subject more deeply and cherishing the capability to produce an innovative and original idea without inclining toward the existing method.

学習の到達目標 Learning Objectives	
日	研究テーマに関する本質をより深く探究する 既存の手法にとらわれない斬新で独創的なアイデアを生み出す能力を習得する
英	To explore more deeply the essence regarding the research topic To acquire the ability to generate novel and original ideas that are not bound by existing methods

学習目標の達成度の評価基準 / Fulfillment of Course Goals (JABEE 関連科目のみ)	
日	

英	
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授業計画項目 Course Plan			
No.		項目 Topics	内容 Content
1	日	Introduction	Think about the significance of internships.
	英		
2	日	Internship (1)	Participate the internships at various host institutions or private companies.
	英		
3	日	Internship (2)	Participate the internships at various host institutions or private companies.
	英		
4	日	Internship (3)	Participate the internships at various host institutions or private companies.
	英		
5	日	Internship (4)	Internship (4)
	英		
6	日	Internship (5)	Participate the internships at various host institutions or private companies.
	英		
7	日	Internship (6)	Participate the internships at various host institutions or private companies.
	英		
8	日	Internship (7)	Participate the internships at various host institutions or private companies.
	英		
9	日	Internship (8)	Participate the internships at various host institutions or private companies.
	英		
10	日	Internship (9)	Participate the internships at various host institutions or private companies.
	英		
11	日	Internship (10)	Participate the internships at various host institutions or private companies.
	英		
12	日	Internship (11)	Attend Internships at various host institutions or private companies.
	英		
13	日	Internship (12)	Participate the internships at various host institutions or private companies.
	英		
14	日	Internship (13)	Participate the internships at various host institutions or private companies.
	英		
15	日	Creating a report	Prepare and present a report on the internship conducted at the host.
	英		

履修条件 Prerequisite(s)	
日	
英	

授業時間外学習（予習・復習等） Required study time, Preparation and review	
日	
英	Self-training time is 18 hours for learning per week.

教科書／参考書 Textbooks/Reference Books	
日	
英	Nothing special.

成績評価の方法及び基準 Grading Policy	
日	
英	Evaluate the research report for own research, which is made based on the exercise through daily business associated with

materials synthesis and also shared with the supervisor.
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留意事項等 Point to consider	
日	
英	