

Category	Subject	Credit	Department	Remarks
Major Basic Subjects	Applied Physical Chemistry of Materials (応用材料物理化学)	2	Metallurgy/Materials Science/Materials Processing	Students are required to acquire 10 or more credits out of the Major Basics. 4 credits from Related Subjects of Other Majors can be added if a supervisor agrees with the subjects.  専門基盤科目から10単位以上選択履修すること。 指導教員が認めた場合には、4単位まで関連科目を繰り入れることを認めることがある。
	<b>Computational Materials Science (計算材料科学)</b>	2		
	Applied Elasticity and Plasticity (応用弾塑性学)	2		
	Design and Control of Joining Interface of Materials (材料界面設計学)	2		
	<b>Physics of Electrons in Solids (固体電子論)</b>	2		
	Theory of Phase Transformations (相変態論)	2		
	<b>Advanced Functional Materials (応用機能材料学)</b>	2		
	<b>Structural Materials Engineering in Processing (応用構造材料学)</b>	2		
	<b>Structural Characterization of Materials (材料構造評価学)</b>	2		
Major General Subjects	Processing of Device Materials (デバイス材料プロセス学)	2	Metallurgy/Materials Science/Materials Processing	Students are required to acquire 10 or more credits out of the Major Generals or relevant subjects in other departments. The Related Subjects of Other Majors are limited up to 4 credits which can be added to Major Basics or Major Generals.  左記の専門科目及び関連科目から10単位以上選択履修すること。 但し、関連科目は専門基盤科目及び専門科目を合わせて、4単位までしか繰り入れることができない。
	<b>Process Metallurgy (素材創製プロセス学)</b>	2		
	Engineering and Technology in Materials Forming (材料創形プロセス学)	2		
	Interfacial Control of Functionality Materials (材料界面機能学)	2		
	<b>Electronic Devices and Materials (電子デバイス材料学)</b>	2		
	<b>Magnetic Device Materials (磁気デバイス材料学)</b>	2		
	Physical Chemistry of Biomolecular Systems and Biomaterials (応用生体材料工学)	2		
	Physicochemical Properties of Melt and High Temperature Matter (融体・高温物性学)	2		
	Nonequilibrium Materials (非平衡物質工学)	2		
	<b>Advanced Ceramic Materials (応用セラミックス材料学)</b>	2		
	Evaluation of Material Systems (材料システム計測学)	2		
	Nanostructures and Function Control in Materials (ナノ構造制御機能発現工学)	2		
	<b>Bio-Material Multi-Functional Interface Technology (生体複合機能界面工学)</b>	2		
	Advanced Steel Engineering (先進鉄鋼工学)	2		
	Internship Training (インターンシップ研修)	2		
Special Lectures on Material Science and Engineering (材料科学工学特別講義)	...			
Special Seminar on Material Science and Engineering (材料科学工学特別研修)	...			
Related Subjects of Other Majors	Those approved by the Educational Committee of the Graduate School of Engineering			
Major General Subjects	Seminar on XXXX	4		Required
	Master Course Seminar on XXXX	6		Required

Students are required to acquire 30 or more credits out of the above mentioned subjects.

上記科目の単位数を合わせて30単位以上を修得すること。

XXXX = It is different according to the department that you belong.

XXXX = 所属する専攻によって異なる。

Subjects appeared in bold type are understandable both in Japanese and English. You confirm the English providing semesters from time tables.

太字の科目は英語でも理解できる講義を行う。英語開講年度は授業時間割で確認すること。