

2022年度以前入学者向け:新カリキュラム対応表[物質構造科学コースの授業科目]

Correspondence Table of Old and New Curriculum for students who have enrolled in SOKENDAI in/before AY 2022 [Subjects of Materials Structure Science]

・2022年度までの授業科目(旧科目)は、2023年度以降、新カリキュラムの授業科目(新科目)として開講されます。旧科目の授業科目の単位を修得済の学生は、当該旧科目と同じ行にある新科目の履修はできません。

例)旧科目「放射光応用概論」の単位を修得済の学生は、新科目「放射光応用概論」の履修不可。

・The subjects offered until AY 2022 will be offered as new subjects under the new curriculum from AY 2023. Students who earned credits in old subjects cannot take new subjects on the same row in the old subjects.

(Ex.)The students who earned the credits of *Basis and application of synchrotron radiation* in the old subjects cannot take *Basis and application of synchrotron radiation* in the new subjects.

新科目(2023年度~)/New Subjects(AY2023~)					旧科目(~2022年度)/Old Subjects(~AY2022)				
講義コード Code	授業科目	Subject	単位 Credit	備考 Remarks	講義コード Code	授業科目	Subject	単位 Credit	備考 Remarks
40MSS001**	放射光応用概論	Basis and application of synchrotron radiation	1		⇐ 10SHA029**	放射光応用概論	Basis and application of synchrotron radiation	1	高エネルギー加速器科学研究科共通専門科目/Common Specialized Subjects of the School of High Energy Accelerator Science
40MSS002**	結晶の対称性・群論-基礎コース	Introduction to Symmetry and Space group	2		⇐ 10SHA032**	結晶の対称性・群論-基礎コース	Introduction to Symmetry and Space group	2	
40MSS003**	X線吸収分光光学概論	X-ray Absorption Spectroscopy for Materials and Chemistry	2		⇐ 20DMSa07**	X線吸収分光光学概論	X-ray Absorption Spectroscopy for Materials and Chemistry	2	物質構造科学専攻専門科目/Special Subjects of the Department of Materials Structure Science
40MSS004**	凝縮系科学概論	Introduction to the Condensed Matter Physics	2		⇐ 10SHA022**	凝縮系科学概論	Introduction to the Condensed Matter Physics	2	高エネルギー加速器科学研究科共通専門科目/Common Specialized Subjects of the School of High Energy Accelerator Science
40MSS005**	分子生物学1	Molecular Biology 1	2		⇐ 20DMSb04**	分子生物学 I	Molecular Biology I	2	物質構造科学専攻専門科目/Special Subjects of the Department of Materials Structure Science
40MSS006**	分子生物学2	Molecular Biology 2	2		⇐ 20DMSb05**	分子生物学 II	Molecular Biology II	2	
40MSS007**	中性子科学概論1	Introduction to Neutron Science 1	2	旧科目「中性子科学概論 I」~「中性子科学概論 VI」(計6科目)のすべての単位を修得済の学生は、新科目「中性子科学概論1」「中性子科学概論2」とも履修不可。旧科目「中性子科学概論 I」~「中性子科学概論 VI」(計6科目)のうち、一部の科目(1~5科目)の単位を修得済の学生は、新科目「中性子科学概論1」「中性子科学概論2」とも履修可。  The students who earned the credits of all of the 6 subjects of <i>Introduction to Neutron Science 1 ~ VI</i> in the old subjects cannot take any of <i>Introduction to Neutron Science 1</i> and <i>Introduction to Neutron Science 2</i> in the new subjects. However, the students who earned the credits of 1 to 5 subjects from <i>Introduction to Neutron Science 1 ~ VI</i> in the old subjects can take both/either of <i>Introduction to Neutron Science 1</i> and/or <i>Introduction to Neutron Science 2</i> in the new subjects.	⇐ 20DMSc09**	中性子科学概論 I	Introduction to Neutron Science I	2	物質構造科学専攻専門科目/Special Subjects of the Department of Materials Structure Science
					⇐ 20DMSc10**	中性子科学概論 II	Introduction to Neutron Science II	2	
					⇐ 20DMSc11**	中性子科学概論 III	Introduction to Neutron Science III	2	
					⇐ 20DMSc12**	中性子科学概論 IV	Introduction to Neutron Science IV	2	
					⇐ 20DMSc13**	中性子科学概論 V	Introduction to Neutron Science V	2	
					⇐ 20DMSc14**	中性子科学概論 VI	Introduction to Neutron Science VI	2	
40MSS008**	中性子科学概論2	Introduction to Neutron Science 2	2	The students who earned the credits of all of the 6 subjects of <i>Introduction to Neutron Science 1 ~ VI</i> in the old subjects cannot take any of <i>Introduction to Neutron Science 1</i> and <i>Introduction to Neutron Science 2</i> in the new subjects. However, the students who earned the credits of 1 to 5 subjects from <i>Introduction to Neutron Science 1 ~ VI</i> in the old subjects can take both/either of <i>Introduction to Neutron Science 1</i> and/or <i>Introduction to Neutron Science 2</i> in the new subjects.	⇐ 20DMSc09**	中性子科学概論 I	Introduction to Neutron Science I	2	物質構造科学専攻専門科目/Special Subjects of the Department of Materials Structure Science
					⇐ 20DMSc10**	中性子科学概論 II	Introduction to Neutron Science II	2	
					⇐ 20DMSc11**	中性子科学概論 III	Introduction to Neutron Science III	2	
					⇐ 20DMSc12**	中性子科学概論 IV	Introduction to Neutron Science IV	2	
					⇐ 20DMSc13**	中性子科学概論 V	Introduction to Neutron Science V	2	
					⇐ 20DMSc14**	中性子科学概論 VI	Introduction to Neutron Science VI	2	
40MSS009**	動的構造解析論	Dynamic Aspects of Materials Structure	2		⇐ 20DMSb08**	動的構造解析論	Dynamic Aspects of Materials Structure	2	物質構造科学専攻専門科目/Special Subjects of the Department of Materials Structure Science
40MSS010**	X線結像光学	X-ray Imaging Optics	2		⇐ 20DMSa05**	X線結像光学	X-ray Imaging Optics	2	
40MSS011**	表面分光学1	Synchrotron Radiation Surface Spectroscopy 1	2		⇐ 20DMSb09**	表面分光科学 I	Synchrotron Radiation Surface Spectroscopy I	2	
40MSS012**	表面分光学2	Synchrotron Radiation Surface Spectroscopy 2	2		⇐ 20DMSb10**	表面分光科学 II	Synchrotron Radiation Surface Spectroscopy II	2	
40MSS013**	現代生物学概論	Introduction to Biology	2		⇐ 10SHA023**	現代生物学概論	Introduction to Biology	2	高エネルギー加速器科学研究科共通専門科目/Common Specialized Subjects of the School of High Energy Accelerator Science

新科目(2023年度～)/New Subjects (AY2023～)					旧科目(～2022年度)/Old Subjects(～AY2022)				
講義コード Code	授業科目	Subject	単位 Credit	備考 Remarks	講義コード Code	授業科目	Subject	単位 Credit	備考 Remarks
40MSS014**	生体分子構造解析論1	Structure Biology 1	2		⇐ 20DMSb02**	生体分子構造解析論 I	Structure Biology I	2	物質構造科学専攻専門科目/Special Subjects of the Department of Materials Structure Science
40MSS015**	生体分子構造解析論2	Structure Biology 2	2		⇐ 20DMSb03**	生体分子構造解析論 II	Structure Biology II	2	
40MSS016**	ミュオン物性科学	Muon-probed condensed matter physics	2		⇐ 20DMSc08**	ミュオン物性科学	Muon-probed condensed matter physics	2	
40MSS017**	放射光応用医学	Medical Application of Synchrotron Radiation	2		⇐ 20DMSa08**	放射光応用医学	Medical Application of Synchrotron Radiation	2	
40MSS018**	ソフトマター物理学基礎論	Soft Condensed Matter Physics	2		⇐ 10SHA031**	ソフトマター物理学基礎論	Soft Condensed Matter Physics	2	高エネルギー加速器科学研究科共通専門科目/Common Specialized Subjects of the School of High Energy Accelerator Science
80MSS001**	物質構造科学認定研究 II A	Qualifying Research in High Energy Accelerator Science IIA	2		⇐ 90SHA001**	高エネルギー加速器科学認定研究	Qualifying Research in High Energy Accelerator Science	4	
80MSS002**	物質構造科学認定研究 II B	Qualifying Research in High Energy Accelerator Science IIB	2		⇐ 90SHA001**	高エネルギー加速器科学認定研究	Qualifying Research in High Energy Accelerator Science	4	
80MSS003**	物質構造科学特別演習 I A	Special Exercise for Materials Structure Science IA	2		⇐ 20DMSd01**	物質構造科学特別演習 I a	Special Exercise for Materials Structure Science I a	2	物質構造科学専攻専門科目/Special Subjects of the Department of Materials Structure Science
80MSS004**	物質構造科学特別演習 I B	Special Exercise for Materials Structure Science IB	2		⇐ 20DMSd02**	物質構造科学特別演習 I b	Special Exercise for Materials Structure Science I b	2	
80MSS005**	物質構造科学特別演習 II A	Special Exercise for Materials Structure Science IIA	2		⇐ 20DMSd03**	物質構造科学特別演習 II	Special Exercise for Materials Structure Science II	4	
80MSS006**	物質構造科学特別演習 II B	Special Exercise for Materials Structure Science IIB	2		⇐ 20DMSd03**	物質構造科学特別演習 II	Special Exercise for Materials Structure Science II	4	
40COM001**	高エネルギー加速器科学セミナー1	High Energy Accelerator Science Seminar 1	2	素粒子原子核コース、加速器科学コース、物質構造科学コースの共同開設/Jointly offered by Particle and Nuclear Physics, Accelerator Science, and Materials Structure Science	⇐ 10SHA001**	高エネルギー加速器科学セミナー I	High Energy Accelerator Seminar I	2	高エネルギー加速器科学研究科共通専門科目/Common Specialized Subjects of the School of High Energy Accelerator Science
40COM002**	高エネルギー加速器科学セミナー2	High Energy Accelerator Science Seminar 2	2		⇐ 10SHA002**	高エネルギー加速器科学セミナー II	High Energy Accelerator Seminar II	2	

【先端学術院特別研究/Dissertation Work in Advanced Studies】

新科目(2023年度～)/New Subjects (AY2023～)					旧科目(～2022年度)/Old Subjects(～AY2022)				
コード Code	授業科目	Subject	単位 Credit	備考 Remarks	コード Code	授業科目	Subject	単位 Credit	備考 Remarks
80GAS001**	先端学術院特別研究 I A	Dissertation Work in Advanced Studies I A	2		⇐ 90DMSd01**	物質構造科学特別研究 I	Special Seminar for Materials Structure Science I	4	物質構造科学専攻専門科目/Special Subjects of the Department of Materials Structure Science
80GAS002**	先端学術院特別研究 I B	Dissertation Work in Advanced Studies I B	2						
80GAS003**	先端学術院特別研究 II A	Dissertation Work in Advanced Studies II A	2						
80GAS004**	先端学術院特別研究 II B	Dissertation Work in Advanced Studies II B	2						
80GAS005**	先端学術院特別研究 III A	Dissertation Work in Advanced Studies III A	2						
80GAS006**	先端学術院特別研究 III B	Dissertation Work in Advanced Studies III B	2						
80GAS007**	先端学術院特別研究 IV A	Dissertation Work in Advanced Studies IV A	2						
80GAS008**	先端学術院特別研究 IV B	Dissertation Work in Advanced Studies IV B	2						
80GAS009**	先端学術院特別研究 V A	Dissertation Work in Advanced Studies V A	2						
80GAS010**	先端学術院特別研究 V B	Dissertation Work in Advanced Studies V B	2						

\*\*には開講学期や担当教員に応じて2桁の数字またはアルファベットが入る。

\*\* will be two-digit numbers or letters according to the semester or the lecturer.