

Open Course List (Standard Year of Course Completion)

For details of courses, please see Syllabus.
http://www.u-aizu.ac.jp/curriculum/syllabus/

1st Year				2nd Year				3rd Year				4th Year				
S1		S2		S1		S2		S1		S2		S1		S2		
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
EN01 Introductory English 1	EN02 Introductory English 2	EN03 Introductory English 3	EN04 Introductory English 4	EN05 Intermediate English 1	EN06 Intermediate English 2	EN07 Intermediate English 3	FU06 Operating Systems	FU05 Computer Architecture	FU14 Introduction to Software Engineering	F08 Automata and Languages						
PA1 Physical Activity 1		PA2 Physical Activity 2		PL03 JAVA Programming I	FU15 Introduction to Data Management	LI11 Introduction to Computer Network	FU08 Automata and Languages	IE01 Integrated Exercise for Systems I		IE02 Integrated Exercise for Systems II						
MA01 Linear Algebra I	MA03 Calculus I	MA02 Linear Algebra II	MA04 Calculus II	MA07 Probability and Statistics	FU03 Discrete Systems	FU04 Logic Circuit Design	LI10 Introduction to Multimedia Systems	IE03 Integrated Exercise for Software I		IE04 Integrated Exercise for Software II						
LI01 Computer Literacy	PL01 Introduction to Programming	PL02 C Programming	FU01 Algorithms and Data Structures I	NS03 Quantum Mechanics	F01 Algorithms and Data Structures	H Humanities and Social Sciences	H Humanities and Social Sciences	FU09 Algorithms and Data Structures II	MA08 Applied Algebra	MA09 Mathematical Logic	FU02 Information Theory and Data Compression					
LI08 Information Ethics	NS01 Dynamics	LI04 Introduction to Computer Systems	NS02 Electromagnetism	HS20 Academic Skill 1	HS21 Academic Skill 2	NS04 Semiconductor Devices	MA06 Complex Analysis	IT08 Signal Processing and Linear System	IT02 Computer Graphics	PL04 C++ Programming	FU11 Numerical Analysis					
LI03 Guidance of CSE	HS21 Academic Skill 2	LI06 Information Science	H Humanities and Social Sciences	MA05 Fourier Analysis	NS05 Thermodynamics and Statistical Mechanics						TI11 Information Retrieval and Natural Language Processing					
HS20 Academic Skill 1		H Humanities and Social Sciences						FU09 Algorithms and Data Structures II	SY07 Advanced Logic Circuit Design	SY05 Parallel Computer Systems	SY02 Electronics					
OT03 SCCP		OT03 SCCP		PA3 Physical Activity 3		PA4 Physical Activity 4		IT08 Signal Processing and Linear System	SY06 VLSI Design		SY04 Embedded Systems					
OT08 TOEIC Preparation Course		OT08 TOEIC Preparation Course		OT01 Basic Knowledge Course on Starting Up Ventures I		OT01 Basic Knowledge Course on Starting Up Ventures II		FU09 Algorithms and Data Structures II	CN02 Network Security	CN03 Network Programming	CN05 Computer and Network System					
OT04 Courses for the Information Technology Examination (Intensive)				OT02 Factories for Experiencing Starting Up Ventures		OT02 Factories for Experiencing Starting Up Ventures					CN04 Wireless Networking					
OT09 Extracurricular Activity Course I (Intensive)				OT03 SCCP		OT03 SCCP					FU02 Information Theory and Data Compression					
OT10 Extracurricular Activity Course II (Intensive)				OT08 TOEIC Preparation Course		OT08 TOEIC Preparation Course		FU09 Algorithms and Data Structures II	MA08 Applied Algebra	IT01 Artificial Intelligence	FU02 Information Theory and Data Compression	IT09 Sound and Audio Processing	IT03 Image Processing			
				OT05 Career Design I	TE14 Student Guidance and Counseling			IT08 Signal Processing and Linear System	IT02 Computer Graphics	PL04 C++ Programming	IT11 Information Retrieval and Natural Language Processing	A04 Biomedical Information Technology				
				TE06 Education Methods of Mathematical Studies 1							FU11 Numerical Analysis	IT05 Human Interface and Virtual Reality				
				TE02 Introduction to Education				FU09 Algorithms and Data Structures II	MA08 Applied Algebra	IT01 Artificial Intelligence	FU02 Information Theory and Data Compression	IT05 Robotics and Automatic Control	IT03 Image Processing			
				TE03 Education Psychology				IT10 Geometry for Visual Computing	IT02 Computer Graphics	PL04 C++ Programming	FU11 Numerical Analysis	IT05 Human Interface and Virtual Reality				
				LI12 Creativity Studio (Intensive)												
				OT04 Courses for the Information Technology Examination (Intensive)				FU09 Algorithms and Data Structures II	SE07 Database Systems	PL04 C++ Programming	SE06 Concurrent and distributed systems	SE05 Software Studio				
				OT09 Extracurricular Activity Course I (Intensive)				PL06 Java Programming II	SE01 Web Engineering	SE02 Web Data Modeling	SE04 Advanced Software Engineering					
				OT10 Extracurricular Activity Course II (Intensive)				MA10 Introduction to Topology	MA11 Applied Geometry and Topology	NS07 Introduction to Optoelectronics		S04 Embedded Systems	LI09 Fundamentals of System Development and Project Management	NS3 Computer Network Organization and Design		
				EL AdvaCned English	EL AdvaCned English	FU10 Language Processing Systems	PL05 Computer Languages									
				OT01 Basic Knowledge Course on Starting Up Ventures I	TE05 Education Methods	EL AdvaCned English	EL AdvaCned English	EL AdvaCned English	EL AdvaCned English	EL AdvaCned English	EL AdvaCned English	EN08 Thesis Writing				
						OT01 Basic Knowledge Course on Starting Up Ventures II	TE15 Career Education	OT01 Basic Knowledge Course on Starting Up Ventures I				OT01 Basic Knowledge Course on Starting Up Ventures II				
				OT02 Factories for Experiencing Starting Up Ventures		OT02 Factories for Experiencing Starting Up Ventures		OT02 Factories for Experiencing Starting Up Ventures		OT02 Factories for Experiencing Starting Up Ventures		OT02 Factories for Experiencing Starting Up Ventures				
				OT03 SCCP		OT03 SCCP		OT03 SCCP		OT03 SCCP		OT03 SCCP				
				OT08 TOEIC Preparation Course		OT08 TOEIC Preparation Course		OT08 TOEIC Preparation Course		OT08 TOEIC Preparation Course		OT08 TOEIC Preparation Course				
				TE07 Education Methods of Mathematical Studies 2		OT06 Career Design II		TE11 Education Methods of Information Studies 2		TE20 Practice for Teaching Profession						
				TE10 Education Methods of Information Studies 1		TE08 Education Methods of Mathematical Studies 3										
				TE11 Education Methods of Information Studies 2		TE13 Special Activities										
				LI12 Creativity Studio (Intensive)				LI12 Creativity Studio (Intensive)								
				OT04 Courses for the Information Technology Examination (Intensive)				OT04 Courses for the Information Technology Examination (Intensive)								
				OT09 Extracurricular Activity Course I (Intensive)				OT09 Extracurricular Activity Course I (Intensive)								
				OT10 Extracurricular Activity Course II (Intensive)				OT10 Extracurricular Activity Course II (Intensive)								
												LI07 Information and Occupations (Intensive)				

基本推奨科目	Strongly Recommended Course
移行処置科目	Offered only in AY2018 for transition
F.R.	フィールド推奨科目
CS	Field Recommended course
SY	Computer Science
SY	コンピュータシステム
CN	Computer System
CN	コンピュータ・ネットワークシステム
IT-SPR	Computer Network System
IT-SPR	IT情報処理・認識カテゴリ
IT-SPR	Signal Processing and Recognition Category
IT-SPR	ITモデリング・可視化カテゴリ
IT-SPR	Computer Modeling and Visualization Category
SE-DE	SEデータエンジニアリングカテゴリ
SE-DE	Software Engineering and Data Engineering