#### Graduation Requirements for Japan-in-Asia Cultural Studies (School of Humanities) Program

(1) Credits Required for Graduation

	Course Category		Required Nu	mber of Credits	Course Requirements
	Introduction to skills t	for academic success		1	
	First Year Seminar			2	
		Japanese		10	
	Language and Culture	Japanese / English / Second Foreign Languages	10		Must earn a total of at least 10 credits from one or more Course Categories. For details, refer to V.(p.9).
	Health and Sports	Lecture		2	
Liberal Arts and	Sciences	Practical		2	
Sciences		Lecture		1	
	Data Science	Exercise	0		Data Science Exercise A can be taken as an Optional Course.
	Global Liberal Arts Courses				
	Contemporary Liberal Arts in Natural Sciences and Interdisciplinary/Integration of arts and sciences		2		Must earn a total of at least 4 credits, including 2 4 credits in Contemporary Liberal Arts in Natural 8 Sciences and Interdisciplinary/Integration of arts and sciences.
	Problem/Project Based Learning Seminar				
	Basic Courses in Human Sciences	ties and Social		8	
	Sub-total			40	
	Compulsory Elective C	Courses		32	Japan-in-Asia Cultural Studies Program courses only
School Specialized	Elective Courses			42	Non-Japan-in-Asia Cultural Studies Program courses allowed
Courses	Graduation Thesis			10	
	Su	b-total		84	
	Total		1	124	

(2) Required number of credits for advancement to the third grade

	Course Category	7	Required Number of Credits	Course Requirements
	Introduction to skills for academic success		1	
	First Year Seminar		2	
		Japanese	10	
Liberal Arts and	Language and Culture	Japanese / English / Second Foreign Languages	10	Must earn a total of at least 10 credits from one or more Course Categories. For details, refer to V.( p.9).
Sciences	Health and Sports Science	ces	4	
	Data Science	Lecture	1	
	Global Liberal Arts Courses Contemporary Liberal Arts in Natural Sciences and Interdisciplinary/Integration of arts and sciences Problem/Project Based Learning Seminar		2	
	Basic Courses in Humanities and Social Sciences		6	
		Total	36	

(3) The upper limit on the number of credits that can be registered

## Graduation Requirements for Social Sciences (School of Law) Program

## (1) Credits Required for Graduation

Course Category		Required Nu	mbe	er of Credits	Course	Requirements	
	Introduction to skills for academic success First Year Seminar		-				
	- 12	$\sim 1$	14				
	Data Science         Lecture           Basic Courses in Humanities and Social						
	Sciences			-			
l		Japanese	10				
	Language and Culture	Japanese / English / Second Foreign Languages	10	10 f		Must earn a total of at least 10 credits from one or more Course Categories. For details, refer to V.(p.9).	
		Lecture					
Liberal Arts and Sciences	Health and Sports Sciences	Practical					
	Data Science	Exercise			28	If taking a Data Science Course, Data Science Exercise A is required to be chosen.	Must earn at least 2 credits from Contemporary Liberal Arts in Natural Sciences or Interdisciplinary/Integrati
	Global Liberal Arts Courses						on of Arts and Sciences.
	Contemporary Liberal Arts in Natural Sciences and Interdisciplinary/Integration of arts and sciences		2		J		
	Problem/Project Base	d Learning Seminar					
	Su	b-total	40	$\sim$ 4	12		
	Specialized Courses			<u> </u>	24	Note: A maximum	of 20 credits only from
School	Related Specialized Co	ourses		82~84		related specialized	courses can be used
Specialized Courses	Basic Specialized Cou	rses			towards graduation	credit requirements.	
	Su	b-total		_			
	Total		1	124			

(2) The upper limit on the number of credits that can be registered

#### Graduation Requirements for Social Science (School of Economics) Program

#### (1) Credits Required for Graduation

		Course Categor	у	Required Nu	mber	of Crec	lits	Course Requirements
		Introduction to skills for academic success		1				
	First Year Seminar			2				
Т			Japanese		10			
i b e r a l	Common Basic Courses	Language and Culture	Japanese / English / Second Foreign Languages		10			Must earn a total of at least 10 credits from one or more Course Categories(except your 1st language). For details, refer to V.( p.9).
A rt		Health and Sports	Lecture		2			
s		Sciences	Practium		2			
a n			Lecture		1			
d S c		Data Science	Exercise	1			Data Science Exercise A is required to be taken.	
i e		Global Liberal Arts Co	ourses					
n c e s	Liberal Arts Courses	Contemporary Liberal A Interdisciplinary/Integra	arts in Natural Sciences and tion of arts and sciences	2	2 4			Must earn a total of at least 4 credits, including 2 credits in Contemporary Liberal Arts in Natural Sciences and Interdisciplinary/Integration of arts and sciences.
		Problem/Project Base	ed Learning Seminar					
	Basic Courses for Specialized Fields	Basic Courses in Humar Sciences	nities and Social	8				
		Sub-total		41				
		Basic Specialized Cou	irses		28			
	School Specialized	Specialized Courses (Compulsory)		8				
	Courses	Specialized Courses (Compulsory Electives)		$24\sim$	4		56	
		Related Specialized C	ourses	0~	<u>ן</u>			
		Sub-total		84				
		Total			125			

(2) Required number of credits for advancement to the third grade

In order to take the mandatory Graduation Thesis Research course in their specialist field, students must have obtained a total of 84 credits or more, including 28 credits or more from academic fields that count towards graduation credit requirements as well as 56 credits from specialist field subjects (including 2 each from Seminar on Economics I and Seminar on Economics II) by the beginning of the year the student has enrolled to start their Graduation Thesis Research.

#### (3) The upper limit on the number of credits that can be registered

## Graduation Requirements for Physics (School of Science) Program

## (1) Credits Required for Graduation

Course Category		Requi Numbe Cred	er of	Course Requirements	
	Introduction to skills f	Introduction to skills for academic success			
	First Year Seminar		2		
		Japanese	8		
	Language and Culture	Japanese / English / Second Foreign Languages	6		Must earn a total of at least 6 credits from one or more Course Categories. For details, refer to V.( p.9).
	Health and Sports	Lecture	2		
	Sciences	Practical	2		
	Data Science	Lecture	1		
Liberal Arts and	Data Science	Exercise	1		Data Science Exercise B is required to be taken.
Sciences	Global Liberal Arts Co	burses		ר	
	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of arts and sciences		2	4	Must earn a total of at least 4 credits, including 2 credits in Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of arts and sciences.
	Problem/Project Based Learning Seminar				
	Basic Courses in Natural Sciences 20		Must earn a total of 6 credits or more in Calculus I and II, Linear Algebra I and II and Complex Analysis. Must also earn a total of 6 credits in Fundamentals of Physics I and II and III and earn a total of 6 credits or more in Fundamentals of Chemistry I and II, Fundamentals of Biology I and II and Fundamentals of Earth Science I and II. Must earn a total of 2 credits or more in Laboratory in Physics, Laboratory in Chemistry and Laboratory in Biology.		
	Sub-total		47	'	
	Specialized Courses		61~	51	
School Specialized	Related Specialized Co	burses	0		
Courses	Basic Specialized Cou	rses	22.5~	32.5	
	Sub-total		83.	5	
	Total		130	.5	

## (2) Required number of credits for advancement

Decision for advancement to the next year	Course Categories and Required Number of Credits	Students unable to advance to the next year
	Must have earned at least 20 credits by the end of the first	<ol> <li>Remain in the first year.</li> <li>Must take no longer than 5 years to complete their first year.</li> <li>[Duration of enrollment (8 years)] minus [second to fourth years (3 years)]</li> <li>Students unable to advance to the next year within the 5-year limit stated in (2) above will be expelled from the school.</li> </ol>

(3) The upper limit on the number of credits that can be registered

## Graduation Requirements for Chemistry (School of Science) Program

# (1) Credits Required for Graduation

	Course Category	,	Required Number of Credits	Course Requirements
	Introduction to skills f	for academic success	1	
	First Year Seminar		2	
		Japanese	8	
	Language and Culture	Japanese / English / Second Foreign Languages	6	Must earn a total of at least 6 credits from one or more Course Categories. For details, refer to V.( p.9).
	Health and Sports	Lecture	2	
	Sciences	Practical	2	
	Data Science	Lecture	1	
Liberal Arts and	Data Science	Exercise	1	Data Science Exercise B is required to be taken.
Sciences	Global Liberal Arts Courses			
		rts in Humanities and Social inary/Integration of arts and	2 4	Must earn a total of at least 4 credits, including 2 credits in Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of arts and sciences.
	Problem/Project Based	d Learning Seminar		
	Basic Courses in Natural Sciences		20	Must earn a total of 18 credits or more in Calculus I and II, Linear Algebra I and II, Complex Analysis, Fundamentals of Physics I and II and III, Fundamentals of Chemistry I and II, Fundamentals of Biology I and II and Fundamentals of Earth Science I and II. Must also earn a total of 2 credits or more in Laboratory in Physics, Laboratory in Chemistry and Laboratory in Biology.
	Sub-total		47	
	Specialized Courses		40~44	
School	Related Specialized Co	ourses	0	
Specialized Courses	Basic Specialized Cour	rses	44~40	]
	Sub-total		84	
	Total		131	

## (2) Required number of credits for advancement

Decision for advancement to the next year	Course Categories and Required Number of Credits	Students unable to advance to the next year
	Must have earned at least 20 credits by the end of the first	<ol> <li>Remain in the first year.</li> <li>Must take no longer than 5 years to complete their first year.</li> <li>[Duration of enrollment (8 years)] minus [second to fourth years (3 years)]</li> <li>Students unable to advance to the next year within the 5-year limit stated in (2) above will be expelled from the school.</li> </ol>

(3) The upper limit on the number of credits that can be registered

## Graduation Requirements for Biological Sciences (School of Science) Program

# (1) Credits Required for Graduation

	Course Category	,	Requi Numbe Cred	er of	Course Requirements
	Introduction to skills for academic success		1		
	First Year Seminar		2		
		Japanese	8		
	Language and Culture	Japanese / English / Second Foreign Languages	6		Must earn a total of at least 6 credits from one or more Course Categories. For details, refer to V.( p.9).
	Health and Sports	Lecture	2		
	Sciences	Practical	2		
	Data Salama	Lecture	1		
Liberal Arts and	Data Science	Exercise	1		Data Science Exercise B is required to be taken.
Sciences	Global Liberal Arts Courses				
	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of arts and sciences		2	4	Must earn a total of at least 4 credits, including 2 credits in Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of arts and sciences.
	Problem/Project Based Learning Seminar				
	Basic Courses in Natural Sciences		18	;	Must earn a total of 18 credits or more in Calculus I and II, Linear Algebra I and II, Complex Analysis, Fundamentals of Physics I and II and III, Fundamentals of Chemistry I and II, Fundamentals of Biology I and II and Fundamentals of Earth Science I and II. Must also earn a total of 2 credits or more in Laboratory in Physics, Laboratory in Chemistry and Laboratory in Biology.
	Sub-total		45	;	
	Specialized Courses		60	)	
School Specialized	Related Specialized Co	burses	0		
Courses	Basic Specialized Cour	rses	28	3	
	Sub-total		88	;	
	Total		13.	3	

## (2) Required number of credits for advancement

Decision for advancement to the next year	Number of Credits	Students unable to advance to the next year
	Must have earned at least 20 credits by the end of the first	<ol> <li>Remain in the first year.</li> <li>Must take no longer than 5 years to complete their first year.</li> <li>[Duration of enrollment (8 years)] minus [second to fourth years (3 years)]</li> <li>Students unable to advance to the next year within the 5-year limit stated in (2) above will be expelled from the school.</li> </ol>

(3) The upper limit on the number of credits that can be registered

Graduation Requirements for Chemistry (School of Engineering) Programs

#### (1) Credits Required for Graduation

					Chemis	try Program		
			Department of Chemistry and Biotechnology					
	Course Category		Compu Cour		Compulsory Elective Courses	Elective Courses	Total	
	Basic Specialized Co	urses						
	Course Credits			28		35	63	
	Required Number of	Credits		28		16	44	
	Specialized Courses							
	Course Credits			8		20	28	
	Graduation Research			10		18	10	
	Required Number of			18			36	
	Related Specialized	Courses						
School Specific Courses	Course Credits	~ ".				6	6	
1	Required Number of	Credits				2	2	
	Sub-total Course Credits			26		(1	97	
	Graduation Research			36 10		61	97	
	Required Number of			46		36	82	
	Required Number of	Credits	Compulso		rcac	at least 36 credits	82	
			Graduatio			at least 10 credits		
	Method			aren	at least 36 credits			
			Elective Courses Total			at least 82 credits		
	Introduction to Skill	s for Academic Success	10141			at least 82 credits		
	First Year Seminar	2						
	Thist Tear Seminar	Japanese	8		-			
	Language and Culture					of at least 6 credits fro es. For details, refer to		
	Health and Sports	Lecture	_					
	Sciences	Practical	2					
		Lecture	1					
	Data Science	Exercise	1		Data Science Exerci	se B is required to be taken		
	Child II. South Arts	Excluse			Bala Belence Excite	se D is required to be taken		
Liberal Arts and Sciences	Global Liberal Arts Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of arts and sciences		2	4	Contemporary Liber	at least 4 credits, including ral Arts in Humanities and S egration of Arts and Science	locial Sciences an	
	Problem/Project Bas	ed Learning Seminar						
	Basic Courses in Natural Sciences		26		Mathematics: Must earn a total of at least 8 credits in Calculus I and II, Linear Algebra I and II and Complex Analysis. Physics: Must earn a total of 8 credits in Fundamentals of Physics I and II and III and Laboratory in Physics. Chemistry: Must earn a total of 6 credits in Fundamentals of Chemistry I and II and Laboratory in Chemistry. Biology: Must earn a total of 4 credits in Fundamentals of Biology I and II.			
	Method	of Completion			Total	at least 51 credits		
Required	Number of Credits	-			at least	133 credits		

(2)Required number of credits for advancement

Decision for advancement to the next year	Course Category	Required Number of Credits	Conditions etc.
At completion of second year	Commom Basic Courses Liberal Arts Courses Basic Courses for Specialized Fields	40 credits	<ol> <li>Commom Basic Courses Must earn a total of at least 12 "Language and Culture" credits from Japanese, English or Second Foreign Languages. &amp; Please note that if you choose Second Foreign Languages for Compulsory Elective(Japanese/ English/ Second Foreign Languages) credits, you must obtain at least 4 credits in each language from German, French, Russian, Chinese, Spanish, or Korean for graduation.</li> <li>Basic Courses in Natural Sciences Must earn at least 18 credits from Basic Courses in Natural Sciences.</li> </ol>

(3) The upper limit on the number of credits that can be registered

## Graduation Requirements for Automotive Engineering (School of Engineering) Program

(1) Credits Required for Graduation

	Course Category		Automotive Engineering Program								
			Department of Mechanical and Aerospace Engineering					Department of Electrical Engineering, Electronics, and Information Engineering			
	Course Category			Compulsory Elective Electiv Courses		re Courses Total		Compulsory Courses	Compulsory Elective Courses	Elective Courses	Total
	Basic Specialized Courses										
	Course Credits		34.5			12	46.5	36.5		12	48.5
	Required Number of Credits		34.5			6	40.5	36.5		6	42.5
	Specialized Courses										
	Course Credits		11			38	49	16		32	48
	Graduation Research		10				10				10
	Required Number of		21			22	43	26		17.5	43.5
	Related Specialized 0	Courses									
School Specific Courses	Course Credits					10	10			10	10
Senoor speeme courses	Required Number of	Credits				5	5			4	4
	Sub-total										
	Course Credits		45.5		1	60	105.5	52.5		54	106.5
	Graduation Research		10				10				10
	Required Number of	Credits	55.5			33	88.5	62.5		27.5	90
			1 5			45.5 credits		Compulsory Course		at least 52.5 credits	
	Method of Completio	m				10 credits		Graduation Research		at least 10 credits	
	include of completion							Elective Courses		at least 27.5 credits	
			Total at		at least	t 88.5 credits		Total		at least 90 credits	
	Introduction to Skills for Academic Success		1								
	First Year Seminar		2								
	Language and Culture	Japanese	8								
		Japanese / English / Second Foreign Languages	6			Must earn a total of at least 6 credits from one or more Course Categories. For details, refer to V.( p.9).					
	Health and Sports Sciences	Lecture	2								
		Practical									
		Lecture	1			-					
	Data Science	Exercise	1			Data Science Exercise B is required to be taken.					
Liberal Arts and Sciences	Global Liberal Arts										
	Giobal Elocial Arts			7							
	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of arts and sciences		2 4			Must earn a total of at least 4 credits, including 2 credits in Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences. % Please note that if you choose Second Foreign Languages for Computory Elective credits, you must obtain at least 4 credits in each language from German, French, Russian, Chinese, Spanish, and Korean for graduation.					
	Problem/Project Based Learning Seminar										
	Basic Courses in Natural Sciences		22			Mathematics: Must earn a total of 10 credits in Calculus I and II, Linear Algebra I and II and Complex Analysis. Physics: Must earn a total of 8 credits in Fundamentals of Physics I and II and III and Laboratory in Physics. Chemistry: Must earn a total of 4 credits in Fundamentals of Chemistry I and II.					
	Method of Completion		Total at least 47 credits			1	Total at least 47 credits				
Required	ired Number of Credits at least 135.5 cre			dits		at least 137 credits					

#### (2)Required number of credits for advancement

Decision for advancement to the next year	Course Category	Required Number of Credits	Conditions etc.		
At completion of second year	Commom Basic Courses Liberal Arts Courses Basic Courses for Specialized Fields		<ol> <li>Commom Basic Courses Must earn a total of at least 12 "Language and Culture" credits from Japanese, English or Second Foreign Languages. See Please note that if you choose Second Foreign Languages for Compulsory Elective( Japanese/ English/ Second Foreign Languages) credits, you must obtain at least 4 credits in each language from German, French, Russian, Chinese, Spanish, or Korean for graduation.</li> <li>Basic Courses in Natural Sciences Must earn at least 18 credits from Basic Courses in Natural Sciences.</li> </ol>		

(3) The upper limit on the number of credits that can be registered The upper limit on the number of registered credits and the conditions for relaxing of the limit, etc. are decided by each school, so inquire at your school for details.

# Graduation Requirements for Biological Sciences (School of Agricultural Sciences) Program

# (1) Credits Required for Graduation

Course Category			Required Number of Credits		Course Requirements
	Introduction to skills for academic success				
	First Year Seminar				
		Japanese	8		
	Language and Culture	Japanese / English / Second Foreign Languages	6		Must earn a total of at least 6 credits from one or more Course Categories. For details, refer to V.( p.9).
	Health and Sports	Lecture	2		
	Sciences	Practical	2		
		Lecture	1		
Liberal Arts and	Data Science	Exercise	1		Choose from Data Science Exercise A or Data Science Exercise B(Python Course).
Sciences	Global Liberal Arts Co	ourses		٦	
200000	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of arts and sciences			4	Must earn a total of at least 4 credits, including 2 credits in Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of arts and sciences.
	Problem/Project Based Learning Seminar				
	Basic Courses in Natural Sciences			)	Must earn a total of at least 18 basic courses in natural sciences credits in Calculus I and II, Linear Algebra I and II, Complex Analysis, Fundamentals of Physics I and II and III, Fundamentals of Chemistry I and II, Fundamentals of Biology I and II, Fundamentals of Earth Science I and II and Laboratory in Physics, Laboratory in Chemistry, Laboratory in Biology, including a total of at least 2 credits in Laboratory courses.
	Sub-total			7	
School Specialized Courses	Specialized Courses			2	Must earn at least 42 credits in mandatory and 30 credits in elective Specialty Subjects. The details of compulsory courses on each subjects are as follows. (Compulsory Courses) ③Bioagricultural Science Course: Genetics I, II (2), Physiology and Developmental Biology(2), Biochemistry III(2), Cell Biology III (2) + Agricultral Sciences School : Bioagricultural Science Laboratory(10), + Introductory Seminar on the Major(2) + Graduation Research in Bioscience(20) (Compulsory Elective Courses) Must earn a total of 30 credits or more in courses which starts in second and third year.
	Basic Specialized Courses			5	Must earn at least 8 credits or more in mandatory and 8 credits in elective Basic Specialty Subjects.
Sub-total			88	3	
	Total			5	

## (2) Required number of credits for advancement

Decision for advancement to the next year	Course Categories and Required Number of Credits	Students unable to advance to the next year
	completion of second year. However, 41 or more Liberal Arts and Sciences course credits are included among the 70 credits	<ol> <li>Staying in second year</li> <li>Students must take no longer than 6 years to complete their second year.</li> <li>(Duration of enrollment (8 years) – third to fourth year (2 years))</li> <li>Students who are unable to advance to the next year within the 6 year limit stated in above (2) will be withdrawn from studies.</li> </ol>

	the completion of third year. This must include a total of 14 credits in Language and Culture, 16 credits in Basic Specialized Courses and 10 credits in Besearch	<ol> <li>Stay in third year</li> <li>Students must take no longer than 7 years to complete the third year.</li> <li>(Duration of enrollment (8 years): fourth year (1 year))</li> <li>Students who are unable to advance to the next year within the 7-year limit stated above 2 will be withdrawn from register.</li> </ol>
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Note: The 110 credits outlined here were totaled, from credits earned for advancement to the next year, with the maximum number of required credits by course category for the graduation credit requirements outlined in (1). Credits exceeding this amount will not be counted towards the required 110 credits.

#### [Doubling up of courses]

In principal, even if a student takes the same course twice and passes the examination on both occasions, credits for only one of the courses will count towards graduation credit requirements.

#### (3) The upper limit on the number of credits that can be registered