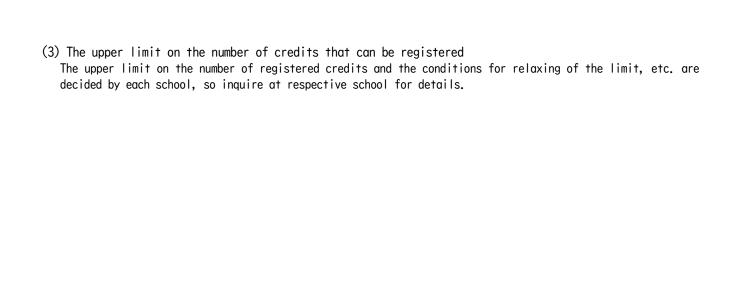
Graduation Requirements for Japan-in-Asia Cultural Studies (School of Humanities) Program

(I) Credits Required for Graduation

Course Category		Required Number of Credits		Course Requirements	
	Introduction to skills for academic success		I		
	First Year Ser	ninar	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 IX.(p.30).
	Health and	Lecture	2		
	Sports Sciences	Practicum	2		
		Lecture	1		
Liberal Arts and Sciences	Data Science	Exercise	I		Data Science Exercise A is required to be taken.
	Entrepreneurship		1		
	Global Libera	Global Liberal Arts Courses		٦	
	Contemporary Liberal Arts in Natural Sciences or Interdisciplinary/Integration of Arts and Sciences		2	4	Must earn a total of at least 4 credits, including 2 credits in Contemporary Libera Arts in Natural Sciences or Interdisciplinary/Integration of Arts and
	Problem/Project Based Learning Seminar				Sciences.
	Basic Courses in Humanities and Social Sciences		8		
		Sub-total	42		
School Specialized	Compulsory Elective Courses		32		Japan-in-Asia Cultural Studies Program courses only
	Elective Courses		40		Non-Japan-in-Asia Cultural Studies Program courses allowed
Courses	Graduation The	esis	10		
		Sub-total	82		
	Total		124		

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

,	Course Category			Course Requirements
	Introduction to skills for academic success		I	
	First Year Sem	inar	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 Spo	Health and Sports Sciences		
	Data Science	Lecture		
Liberal Arts		Exercise	I	Data Science Exercise A is required to be taken.
and Sciences	Entrepreneurship			
	Sciences or Interdisciplin Arts and Scien Problem/Projec Seminar	iberal Arts in Natural ary/Integration of ces t Based Learning in Humanities and	2	
		Total	38	



Graduation Requirements for Social Sciences (School of Law) Program

(I) Credits	Required for Gro	iduation				
	Course Categ	ory	Required Number of Credits		Course Requirements	
	success	skills for academic				
	First Year Semino					
	Data Science Lecture		13~1!	5		
	Entrepreneurship					
	Basic Courses in Social Sciences	Humanities and			※Political Studies graduation credit	are not included in
		Japanese	10			
	Language and Culture Japanese/English/ Second Foreign Languages 10			Must earn a total c credits from one or Categories. For details, refer	more Course	
Liberal	Health and	Lecture				
Arts and	Sports Sciences	Practicum				
Sciences	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
	Global Liberal A	rts Courses				Interdisciplinary/
	Contemporary Liberal Arts in Natural Sciences and Interdisciplinary/Integration of Arts and Sciences		2			Integration of Arts and Sciences.
	Problem/Project Based Learning Seminar			J		
	Sub	o-total	41~43	3		
	Specialized Cours	ses]			20 credits only from I courses can be used
School Specialized	Related Specializ	zed Courses	82~8	34		credit requirements.
Courses	Basic Specialized	d Courses				
	Sul	o-total		-		
	Total		125			

⁽²⁾ 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 respective school for details.

Graduation Requirements for Social Science (School of Economics) Program

(1) Credits Required for Graduation

	Course Cat		Required Number of Credits		Course Requirements
	Introduction academic succ	to skills for ess	I		
	First Year Se	minar	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 (except your 1st language). For details, refer to IX. (p. 30).
	Health and Sports	Lecture	2		
	Sciences	Practicum	2		
Liberal		Lecture	1		
Arts and Sciences	Data Science	Exercise	1		Data Science Exercise A is required to be taken.
	Entrepreneurs	reneurship			
	Global Libera	I Arts Courses]	
	Natural Scien Interdiscipli Arts and Scie	Contemporary Liberal Arts in Natural 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 Natural Sciences and Interdisciplinary/Integration of Arts and Sciences.
	Problem/Project Based Learning Seminar				Scrences.
	Basic Courses	Basic Courses in Humanities and Social Sciences			
	Ç	Sub-total	42		
	Basic Special		28		
School	Specialized C (Compulsory)		8		
Specialized Courses	Specialized C (Compulsory E		24~	56	
222.000	Related Speci	alized Courses	0~]48		
		Sub-total	84		
	Total		126		

(2) Required number of credits for advancement

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

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 respective school for details.

Graduation Requirements for Physics (School of Science) Program

(I) Credits Required for Graduation

Course Category		Required Number of Credits		Course Requirements	
	Introduction to skills for academic success		I		
	First Year Semina	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 IX.(p.30).
	Health and	Lecture	2		
	Sports Sciences	Practicum	2		
		Lecture	I		
	Data Science	Exercise	1		Data Science Exercise B is required to be taken.
	Entrepreneurship		I		
	Global Liberal Ar	rts Courses	_	1	Must earn a total of at least 4
Liberal Arts and Sciences	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences Problem/Project Based Learning		2	4	credits, including 2 credits in Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/
	Seminar	_		Integration of Arts and Sciences.	
	Basic Courses in Na		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		48		
	Specialized Cours		61~5		
School Specialized	Related Specializ	zed Courses		0	
Courses	Basic Specialized	d Courses	22.5~ 31.5		
	Sı	ub-total	83.	5	
	Total		131.	5	

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

⁽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 respective school for details.

Graduation Requirements for Chemistry (School of Science) Program

(I) Credits Required for Graduation

Course Category		Required Number of Credits		Course Requirements	
	Introduction to success	skills for academic	I		
	First Year Seminar		2		
		Japanese	8		
	Language and Culture	Japanese/ English/ Second Foreign Languages			Must earn a total of at least 6 credits from one or more Course Categories. For details, refer to IX.(p.30).
	Health and	Lecture	2		
	Sports Sciences	Practicum	2		
		Lecture	1		
	Data Science	Exercise	I		Data Science Exercise B is required to be taken.
	Entrepreneurship		1		
Liberal	Global Liberal A	rts Courses		٦	Must earn a total of at least 4
Arts and Sciences	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences		2	4	credits, including 2 credits in Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/
	Problem/Project (Seminar			Integration of Arts and Sciences.	
	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		48		
	Specialized Cours	ses	40~44		
School Specialized	Related Specializ	Related Specialized Courses			
Courses	Basic Specialized	d Courses	44~40		
	Su	b-total	84		
	Total		132		
			1		1

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

⁽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 respective school for details.

Graduation Requirements for Biological Sciences (School of Science) Program

(I) Credits Required for Graduation

Course Category		Required No of Credi	umber ts	Course Requirements	
	Introduction to s	skills for academic	I		
	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 IX.(p.30).
	Health and	Lecture	2		
	Sports Sciences	Practicum	2		
		Lecture	I		
	Data Science	Exercise	1		Data Science Exercise B is required to be taken.
	Entrepreneurship		1		
Liberal Arts and	Global Liberal A	rts Courses		7	Must earn a total of at least 4 credits, including 2 credits in
Sciences	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences Problem/Project Based Learning Seminar		2	4	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/ Integration of Arts and Sciences.
		Natural Sciences	18		Must earn a total of 6 credits in Fundamentals of Biology I and II and Laboratory in Biology. Must also earn a total of 12 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 Earth Science I and II, Laboratory in Physics and Laboratory in Chemistry.
	Sub-total		46		
	Specialized Cours	ses	60		
School Specialized	Related Specializ	zed Courses	0		
Courses	Basic Specialized	d Courses	28		
	Sul	b-total	88		
	Total		134		

(2) Nequired Humber 0	i ci cui i si i i uuvuncenen	11
Decision for advancement to the next year	Course Categories and Required Number of Credits	Students unable to advance to the next year
At the end of the first year	Must have earned at least 20 credits by the end of the first year.	 Remain in the first year. Must take no longer than 5 years to complete their first year. [Duration of enrollment (8 years)] minus [second to fourth years (3 years)] Students unable to advance to the next year within the 5-year limit stated in ② above will be expelled from the school.

⁽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 respective school for details.

(For AY 2025 Enrollees) Graduation Requirements for Chemistry (School of Engineering) Programs

(1) Creatis Required for Graduation		Chemistry Program				
		Department of Chemistry and Biotechnology				
	Course Categ	ory	Compulsory Courses	Compulsory Elective Courses	Elective Courses	Total
	Basic Specialized	l Courses				
	Course Credits		28		32	60
	Required Number of Credits		28		16	44
	Specialized Cours	ses				
	Course Credits		8		20	28
	Graduation Resea	arch	10			10
	Required Number	of Credits	18		18	36
	Related Specializ	ed Courses				
School	Course Credits				10	10
Specialized Courses	Required Number	of Credits			2	2
Courses	Sub-total					
	Course Credits		36		62	98
	Graduation Resea	arch	10			10
	Required Number	of Credits	46		36	82
			Compulsory Cou	rses	at least 36 cr	edits
	Mathad a	f (Graduation Res	earch	at least 10 cr	edits
	метпоа о	f Completion	Elective Cours	es	at least 36 cr	edits
			Total		at least 82 cr	edits
	Course Category		Required Number of Credits	r	Course Requirem	ents
	Introduction to skills for academic success		ı			
	First Year Seminar		2			
		Japanese	8			
	Language and Culture	Japanese/ English/ Second Foreign Languages	6	from one or	total of at lea more Course Cat , refer to IX.(p	egories.
	Health and	Lecture				
	Sports Sciences	Practicum	- 2			
	Data Caionas	Lecture	I			
	Data Science	Exercise	1	Data Science taken.	e Exercise B is	required to be
	Entrepreneurship		I			
Liberal Arts and	Global Liberal A	rts Courses	٦ -			
Sciences	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences Problem/Project Based Learning		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.		
	Seminar Seminar	ouseu Leurinny				
	Basic Courses in Natural Sciences		26	8 credits Algebra I Physics: Mu: Fundamenta and Labora Chemistry: I in Fundame and Labora Biology: Mu:	als of Physics I atory in Physics Must earn a toto entals of Chemis atory in Chemist	nd II, Linear plex Analysis. of 8 credits in and II and III i. il of 6 credits etry I and II ry. of 4 credits in
	Method o	f Completion	Total	at least 52		
		mber of Credits	1	at least 13		
	ricquiried Nu	milion of orcults		ui icusi lo	+ 0100113	

Decision for advancement to the next year	Course Category	Required Number of Credits	Conditions etc.
At completion of second year	Common Basic Courses Liberal Arts Courses Basic Courses for Specialized Fields	40 credits	I. Common Basic Courses Must earn a total of at least 12 "Language and Culture" credits from Japanese, English or Second Foreign Languages. XPlease 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. 2. Basic Courses in Natural Sciences Must earn at least 18 credits from Basic Courses in Natural Sciences (*from the courses required for graduation above).

⁽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 respective school for details.

Graduation Requirements for Automotive Engineering (School of Engineering, Department of Electrical Engineering, Electronics, and Information Engineering) Programs

(1) CICCITIS	Required for Gro	duditon		\u+o	motive Fnair	neering Prog	ram
		Automotive Engineering Program Department of Electrical Engineering,					
Course Category			Electronics, and Information Engineering				
			Compulsory	′	Compulsory Elective Courses	Elective Courses	Total
	Basic Specialized Courses						
	Course Credits		3	37		11	48
	Required Number	of Credits	3	37		6	43
	Specialized Cours	es					
	Course Credits			6		32	48
	Graduation Resea	arch		0			10
	Required Number	of Credits	2	26		17.5	43.5
School	Related Specializ	ed Courses					
Specialized	Course Credits					14	14
Courses	Required Number	of Credits				4	4
	Sub-total						
	Course Credits		Ę	53		57	110
	Graduation Resea	arch		0			10
	Required Number	of Credits	(53		27.5	90.5
			Compulsory			at least 53 ci	
	Method o	f Completion	Graduation			at least 10 ci	
	Metriod 6	1 Compression	Elective Courses		es	at least 27.5 at least 90.5	
			Total Required Number		<u>- </u>		
	Course Category		of Credits		Co	ourse Requireme	nts
	Introduction to skills for academic success		ı				
	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 IX. (p. 30).		tegories.
	Health and Sports Sciences Data Science	Lecture					
		Practicum	2				
		Lecture	I				
		Exercise	<u>'</u>		Data Science Exercise B is required		required to
Liboral	Entrepreneurship	Exercise	l be		be taken.		
Liberal Arts and	·		'				
Sciences	Global Liberal Arts Courses		┐		Must earn a total of at least 4		
	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences Problem/Project Based Learning Seminar		2	4	credits, including 2 credits i Contemporary Liberal Arts in H and Social Sciences and Interdisciplinary/ Integration of Arts and Science		in Humanities
]	Integration	OT ARTS and Sc	ences.
	Basic Courses in Natural Sciences		22		Mathematics: Must earn a total of credits in Calculus I and II, Li Algebra I and II and Complex And Physics: Must earn a total of 8 cr in Fundamentals of Physics I and and III and Laboratory in Physic Chemistry: Must earn a total of 4 credits in Fundamentals of Chemiand II.		d II, Linear blex Analysis. of 8 credits as I and II a Physics. al of 4
	Method of Completion		Total		at least 48	credits	
	Required Number of	Credits			at least 138	.5 credits	
,						· - · - · · · · · · · · · · · · · · · ·	

Decision for advancement to the next year	Course Category	Required Number of Credits	Conditions etc.
At completion of second year	Common Basic Courses Liberal Arts Courses Basic Courses for Specialized Fields	40 credits	I. Common Basic Courses Must earn a total of at least 12 "Language and Culture" credits from Japanese, English or Second Foreign Languages. "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. 2. Basic Courses in Natural Sciences Must earn at least 18 credits from Basic Courses in Natural Sciences (*from the courses required for graduation above).

⁽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 respective school for details.

Graduation Requirements for Automotive Engineering (School of Engineering, Department of Mechanical and Aerospace Engineering) Programs

(I) Credits	Required for Gro	lauation	Au+	omotive Fnai	neering Progr	·um	
Course Category			Automotive Engineering Program Department of Mechanical and Aerospace				
			Engineering				
			Compulsory Courses	Compulsory Elective Courses	Elective Courses	Total	
	Basic Specialized Courses						
	Course Credits		35		11	46	
	Required Number		35		6	41	
	Specialized Cours	ses					
	Course Credits				38	49	
	Graduation Research		10			10	
	Required Number		21		22	43	
SCH00L	Related Specializ	red Courses			17	1.6	
Specialized	Course Credits	-f C!:+-			14	14	
Courses	Required Number	of Credits			5	5	
	Sub-total		1,6		63	109	
	Course Credits Graduation Resea		46 10		03	109	
			56		33	89	
	Required Number	of Credits	l l				
			Compulsory Cou Graduation Res		at least 46 cre		
	Method o	f Completion	Elective Cours				
				562	at least 33 creat least 89 creat		
			Total Required Number	er l			
	Course Category		of Credits	(Course Requiremen	ITS	
	Introduction to skills for academic success		I				
	First Year Seminar		2				
		Japanese	8				
	Language and Culture	Japanese/English/ Second Foreign Languages	6	from one or	Must earn a total of at least 6 credits from one or more Course Categories. For details, refer to IX. (p. 30).		
	Health and Sports Sciences Data Science	Lecture					
		Practicum	2				
		Lecture	1				
				Data Science	e Exercise B is	required to	
		Exercise	l l	be taken.		·	
Liberal	Entrepreneurship		l				
Arts and	Global Liberal Arts Courses		٦ .	Must earn a total of at least 4			
Sciences	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences		2 4	credits, in	cluding 2 credits y Liberal Arts in Sciences and	s in	
	Problem/Project Based Learning Seminar			Integration	of Arts and Scie		
	Basic Courses in Natural Sciences		22	credits in Algebra I Physics: Mu: in Fundam and III an Chemistry:	Mathematics: Must earn a total of credits in Calculus I and II, L Algebra I and II and Complex Ar Physics: Must earn a total of 8 c in Fundamentals of Physics I ar and III and Laboratory in Physichemistry: Must earn a total of 4 credits in Fundamentals of Chemand II.		
	Method of Completion		Total at least 48 credits				
	Required Number of	Credits		at least 13'	7 credits		
	1.040.1.00 1.01.00 01 01 01 01 10			G. 10031 13	. 5. 54115		

Decision for advancement to the next year	Course Category	Required Number of Credits	Conditions etc.
At completion of second year	Common Basic Courses Liberal Arts Courses Basic Courses for Specialized Fields	40 credits	I. Common Basic Courses Must earn a total of at least 12 "Language and Culture" credits from Japanese, English or Second Foreign Languages. XPlease 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. 2. Basic Courses in Natural Sciences Must earn at least 18 credits from Basic Courses in Natural Sciences (*from the courses required for graduation above).

⁽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 respective school for details.

(For AY 2025 Enrollees) Graduation Requirements for Biological Sciences (School of Agricultural Sciences) Program

Introduction to skills for academic success I	Course Category		Required Number of Credits		Course Requirements		
First Year Seminar Language and Culture Languages Health and Lecture 2 Data Sciences Exercise Entrepreneurship Clibbral Liberal Arts Courses Procition Entrepreneurship Interdisciplinary/Interdisciplin							
Longuage and Culture Japanese/ English/ Second Foreign 6 Must earn a total of at least 6 credits from one or more Course Categories. For details, refer to IX, (p. 30).			า	2			
Longuage and Culture Second Foreign 6 Must earn a total of at least 6 credits from one or more Course Categories. For details, refer to IX. (p. 30).			Japanese	_			
Sports Sciences			Japanese/English/ Second Foreign			from one or more Course Categories.	
Liberal Arts and Sciences Entrepreneurship 1			Lecture	2			
Data Science Exercise I Choose from Data Science Exercise A or Data Science Exercise A or Data Science Exercise B (Python Course). Entrepreneurship I Global Liberal Arts Courses 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 Basic Courses in Natural Sciences Sub-total Sub-total Specialized Courses Specialized Courses Basic Specialized Courses Basic Specialized Courses Basic Specialized Courses Liberal Arts and Science Exercise A or Data Science Exercise A or Data Science Exercise A or Data Science Exercise B (Python Course) Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/ Integration of Arts and Sciences. Must earn a total of at least 20 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 Physics I and II and III, Fundamentals of Science I and III and Laboratory in Physics, Laboratory in Biology, including a total of at least 22 credits in Laboratory in Biology, including a total of at least 22 basic courses. Sub-total Abstearn a total of at least 42 credits in mondatory and 30 credits in elective Speciality Subjects. The details of compulsory courses on each subjects are as follows. Compulsory Courses 38 Bioagricultural Science School: Bioagricultural Science Courses (Compulsory Courses) Wast earn a total of 30 credit in Physics, Laboratory I, II (2), Physiology and Devolopmental Biology (2), Biology (2), Biology (2), Biology (2), Biology (2), Biology (2), Biology		Sports Sciences	Practicum	2			
Exercise I Data Science Exercise B (Python Course)			Lecture	1			
Global Liberal Arts Courses Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences Problem/Project Based Learning Basic Courses in Natural Sciences Basic Courses in Natural Sciences Sub-total Specialized Courses Specialized Courses School Specialized Courses Specialized Courses Sub-total Global Liberal Arts Courses Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences Must earn a total of at least 20 basic courses in natural sciences credits in Calculus I and III, Linear Algebra I and III, Complex Analys, Fundamentals of Physics I and II and III, Fundamentals of Physics I and II and Luboratory in Physics, Laboratory in Chemistry, Laboratory in Rehistry, Laboratory in Rehistry, Laboratory in Rehistry, Laboratory in Rehistry Sub-total 48 Must earn at least 42 credits in mondatory and 30 credits in elective Specialty Subjects, The details of compulsory courses on each subjects are as follows. Compulsory courses on the Major (2) + Agricultural Science School : Biology III (2) + Agricultural Science School : Biology III (2) + Agricultural Science School : Biology Courses on each subjects are as follows. Must earn at least 8 credits or more in mondatory and 8 credits or more in mondatory and 8 credits in elective Basic Specialty Subjects.		Data Science	Exercise	1		Data Science Exercise B (Python	
Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences Problem/Project Based Learning Basic Courses in Natural Sciences Basic Courses in Natural Sciences Sub-total Specialized Courses Specialized Courses School Specialized Courses Sub-total Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/ Integration of Arts and Sciences. Must earn a total of at least 20 basic courses in natural sciences credits in Calculus I and III, Linear Algebra I and III, Complex Analys, Fundamentals of Physics I and II and Luboratory in Physics, Laboratory in Chemistry, Laboratory in Chemi		Entrepreneurship		I			
Arts and Sciences Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences Problem/Project Based Learning Basic Courses in Natural Sciences Basic Courses in Natural Sciences Sub-total Specialized Courses Specialized Courses Sub-total Arts and Sciences and Interdisciplinary/Integration of Arts and Sciences credits in Calculus I and II, Linear Algebra I and III, Complex Analysis, Fundamentals of Physics I and II and III, Fundamentals of Physics I and II and III, Fundamentals of Chemistry Interdisciplinary Interdiscipli	Liberal	Global Liberal Ar	ts Courses	7		Must carp a total of at least /	
Seminar Must earn a total of at least 20 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 Physics I and II and III, 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	Arts and	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of		2	4	credits, including 2 credits in Contemporary Liberal Arts in Humanities and Social Sciences and	
Must earn a total of at least 20 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 Physics I and III, Fundamentals of Chemistry I and III, Fundamentals of Biology I and II, Fundamentals of Biology 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 48 Sub-total 48 Sub-total 48 Specialty Subjects. The details of compulsory courses on each subjects are as follows. (Compulsory Courses) (Bioagricultural Science Course: Genetics I, II (2), Physiology and Developmental Biology(2), Biochemistry III(2), Cell Biology III (2) + Agricultural Sciences School : Bioagricultural Science Laboratory I, II (5), + Introductory Seminar on the Major(2) + Graduation Research in Bioscience(20) (Compulsory Courses) Must earn a total of 30 credits or more in courses which starts in second and third year. Basic Specialized Courses 16 mondatory and 8 credits or more in mondatory and 8 credits in elective Basic Specialty Subjects.						Integration of Arts and Sciences.	
School Specialized Courses Sub-total		Basic Courses in Natural Sciences		20		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	
School Specialized Courses Sub-total Specialized Courses Specialized Courses Specialized Courses Specialized Courses Sub-total Specialized Courses Specialized Courses Specialized Courses Specialized Courses Specialized Courses Specialized Courses Sub-total		Sub-total		48			
Basic Specialized Courses 16 mandatory and 8 credits in elective Basic Specialty Subjects. Sub-total 88	School Specialized Courses	Specialized Courses		72		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) + Agricultural Sciences School: Bioagricultural Science Laboratory I, II (5), + 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.	
						mandatory and 8 credits in elective	
Total 136		Sub-total		88			
		Total					

	(2) Reduction frames of croatic for dayancement						
	Decision for advancement to the next year	Course Categories and Required Number of Credits	Students unable to advance to the next year				
	At completion of second year	Must have earned at least 70 credits upon the completion of second year. However, 41 or more Liberal Arts and Sciences course credits are included among the 70 credits.	① Staying in second year ② Students must take no longer than 6 years to complete their second year. [Duration of enrollment (8 years) — third to fourth year (2 years)] ③ Students who are unable to advance to the next year within the 6 year limit stated in above ② will be withdrawn from studies.				
•	At completion of third year	Must have obtained at least 110 credits upon 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 Research Methods in Applied Biosciences.	① Staying in third year ② Students must take no longer than 7 years to complete their third year. [Duration of enrollment (8 years): fourth year (1 years)] ③ Students who are unable to advance to the next year within the 7-year limit stated in above ② will be withdrawn from register.				

Note: The IIO 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 (I). Credits exceeding this amount will not be counted towards the required IIO credits.

[Doubling up of courses]

In principle, 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

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 respective school for details.