(For AY 2025 Enrollees)

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

(1) Credits Required for Graduation

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

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

Course Category			Required Number of Credits	Course Requirements
Liberal Arts and Sciences	Introduction to skills for academic success		1	
	First Year Seminar		2	
	Language and Culture	Japanese	10	
		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 Sciences		4	Data Science Exercise A is required to be taken.
	Data Science	Lecture	1	
		Exercise	1	
	Entrepreneurship		1	
	Global Liberal Arts Courses		2	
	Contemporary Liberal Arts in Natural Sciences or Interdisciplinary/Integration of Arts and Sciences			
	Problem/Project Based Learning Seminar			
	Basic Courses in Humanities and Social Sciences		6	
	Total		38	

(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 Social Sciences (School of Law) Program

(1) Credits Required for Graduation

<table>
<tr><th colspan="3">Course Category</th><th>Required Number of Credits</th><th colspan="2">Course Requirements</th></tr>
<tr><td rowspan="15">Liberal Arts and Sciences</td><td colspan="2">Introduction to skills for academic success</td><td rowspan="5">13～15</td><td colspan="2" rowspan="3"></td></tr>
<tr><td colspan="2">First Year Seminar</td></tr>
<tr><td>Data Science</td><td>Lecture</td></tr>
<tr><td colspan="2">Entrepreneurship</td></tr>
<tr><td colspan="2">Basic Courses in Humanities and Social Sciences</td><td colspan="2">※Political Studies are not included in graduation credits</td></tr>
<tr><td rowspan="2">Language and Culture</td><td>Japanese</td><td>10</td><td rowspan="10">28</td><td colspan="2"></td></tr>
<tr><td>Japanese/ English/ Second Foreign Languages</td><td>10</td><td colspan="2">Must earn a total of at least 10 credits from one or more Course Categories.
For details, refer to IX. (p. 30).</td></tr>
<tr><td rowspan="2">Health and Sports Sciences</td><td>Lecture</td><td></td><td rowspan="3"></td><td rowspan="4">Must earn at least 2 credits from Contemporary Liberal Arts in Natural Sciences or Interdisciplinary/ Integration of Arts and Sciences.</td></tr>
<tr><td>Practicum</td><td></td></tr>
<tr><td>Data Science</td><td>Exercise</td><td></td><td>If taking a Data Science Course, Data Science Exercise A is required to be chosen.</td></tr>
<tr><td colspan="2">Global Liberal Arts Courses</td><td></td><td></td></tr>
<tr><td colspan="2">Contemporary Liberal Arts in Natural Sciences and Interdisciplinary/Integration of Arts and Sciences</td><td>2</td><td colspan="2"></td></tr>
<tr><td colspan="2">Problem/Project Based Learning Seminar</td><td></td><td colspan="2"></td></tr>
<tr><td colspan="2">Sub-total</td><td>41～43</td><td colspan="2"></td></tr>
<tr><td rowspan="4">School Specialized Courses</td><td colspan="2">Specialized Courses</td><td rowspan="2">82～84</td><td colspan="2" rowspan="2">Note: A maximum of 20 credits only from related specialized courses can be used towards graduation credit requirements.</td></tr>
<tr><td colspan="2">Related Specialized Courses</td></tr>
<tr><td colspan="2">Basic Specialized Courses</td><td></td><td colspan="2"></td></tr>
<tr><td colspan="2">Sub-total</td><td></td><td colspan="2"></td></tr>
<tr><td colspan="3">Total</td><td>125</td><td colspan="2"></td></tr>
</table>

(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.

(For AY 2025 Enrollees)

Graduation Requirements for Social Science (School of Economics) Program

(1) Credits Required for Graduation

Course Category			Required Number of Credits		Course Requirements
Liberal Arts and Sciences	Introduction to skills for academic success		1		
	First Year Seminar		2		
	Language and Culture	Japanese	10		
		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 Sciences	Lecture	2		
		Practicum	2		
	Data Science	Lecture	1		
		Exercise	1		Data Science Exercise A is required to be taken.
	Entrepreneurship		1		
	Global Liberal Arts Courses			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.
	Contemporary Liberal Arts in Natural Sciences and Interdisciplinary/Integration of Arts and Sciences		2		
	Problem/Project Based Learning Seminar				
	Basic Courses in Humanities and Social Sciences		8		
	Sub-total		42		
School Specialized Courses	Basic Specialized Courses		28		
	Specialized Courses (Compulsory)		8	56	
	Specialized Courses (Compulsory Electives)		24～	48	
	Related Specialized Courses		0～		
	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.

(For AY 2025 Enrollees)

Graduation Requirements for Physics (School of Science) Program

(1) Credits Required for Graduation

Course Category			Required Number of Credits	Course Requirements
Liberal Arts and Sciences	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 IX.(p.30).
	Health and Sports Sciences	Lecture	2	
		Practicum	2	
	Data Science	Lecture	1	
		Exercise	1	Data Science Exercise B is required to be taken.
	Entrepreneurship		1	
	Global Liberal Arts Courses		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.
	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences		2	
	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		48	
School Specialized Courses	Specialized Courses		61～52	
	Related Specialized Courses		0	
	Basic Specialized Courses		22.5～31.5	
	Sub-total		83.5	
Total			131.5	

(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
At the end of the first year	Must have earned at least 20 credits by the end of the first year.	① Remain in the first year. ② Must take no longer than 5 years to complete their first year. [Duration of enrollment (8 years)] minus [second to fourth years (3 years)] ③ 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 Science) Program

(1) Credits Required for Graduation

Course Category			Required Number of Credits	Course Requirements
Liberal Arts and Sciences	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 IX. (p. 30).
	Health and Sports Sciences	Lecture	2	
		Practicum	2	
	Data Science	Lecture	1	
		Exercise	1	Data Science Exercise B is required to be taken.
	Entrepreneurship		1	
	Global Liberal Arts Courses		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.
	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences		2	
	Problem/Project Based 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		48	
School Specialized Courses	Specialized Courses		40～44	
	Related Specialized Courses		0	
	Basic Specialized Courses		44～40	
	Sub-total		84	
Total			132	

(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
At the end of the first year	Must have earned at least 20 credits by the end of the first year.	① Remain in the first year. ② Must take no longer than 5 years to complete their first year. [Duration of enrollment (8 years)] minus [second to fourth years (3 years)] ③ 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 Biological Sciences (School of Science) Program

(1) Credits Required for Graduation

Course Category			Required Number of Credits	Course Requirements
Liberal Arts and Sciences	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 Ⅸ.(p.30).
	Health and Sports Sciences	Lecture	2	
		Practicum	2	
	Data Science	Lecture	1	
		Exercise	1	Data Science Exercise B is required to be taken.
	Entrepreneurship		1	
	Global Liberal Arts Courses		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.
	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences		2	
	Problem/Project Based Learning Seminar			
	Basic Courses in 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	
School Specialized Courses	Specialized Courses		60	
	Related Specialized Courses		0	
	Basic Specialized Courses		28	
	Sub-total		88	
Total			134	

(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
At the end of the first year	Must have earned at least 20 credits by the end of the first year.	① Remain in the first year. ② Must take no longer than 5 years to complete their first year. [Duration of enrollment (8 years)] minus [second to fourth years (3 years)] ③ 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) Credits Required for Graduation

Course Category		Chemistry Program			
		Department of Chemistry and Biotechnology			
		Compulsory Courses	Compulsory Elective Courses	Elective Courses	Total
School Specialized Courses	Basic Specialized Courses				
	Course Credits	28		32	60
	Required Number of Credits	28		16	44
	Specialized Courses				
	Course Credits	8		20	28
	Graduation Research	10			10
	Required Number of Credits	18		18	36
	Related Specialized Courses				
	Course Credits			10	10
	Required Number of Credits			2	2
	Sub-total				
	Course Credits	36		62	98
	Graduation Research	10			10
	Required Number of Credits	46		36	82
	Method of Completion	Compulsory Courses		at least 36 credits	
		Graduation Research		at least 10 credits	
		Elective Courses		at least 36 credits	
		Total		at least 82 credits	

Course Category			Required Number of Credits	Course Requirements
Liberal Arts and Sciences	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 IX. (p. 30).
	Health and Sports Sciences	Lecture	2	
		Practicum		
	Data Science	Lecture	1	
		Exercise	1	Data Science Exercise B is required to be taken.
	Entrepreneurship		1	
	Global Liberal Arts Courses		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.
	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences		2	
	Problem/Project Based 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 52 credits
	Required Number of Credits		at least 134 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	Common Basic Courses Liberal Arts Courses Basic Courses for Specialized Fields	40 credits	1. 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.

(For AY 2025 Enrollees)

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

(I) Credits Required for Graduation

Course Category			Automotive Engineering Program Department of Electrical Engineering, Electronics, and Information Engineering			
			Compulsory Courses	Compulsory Elective Courses	Elective Courses	Total
School Specialized Courses	Basic Specialized Courses					
	Course Credits		37		11	48
	Required Number of Credits		37		6	43
	Specialized Courses					
	Course Credits		16		32	48
	Graduation Research		10			10
	Required Number of Credits		26		17.5	43.5
	Related Specialized Courses					
	Course Credits				14	14
	Required Number of Credits				4	4
	Sub-total					
	Course Credits		53		57	110
	Graduation Research		10			10
	Required Number of Credits		63		27.5	90.5
	Method of Completion		Compulsory Courses		at least 53 credits	
			Graduation Research		at least 10 credits	
			Elective Courses		at least 27.5 credits	
			Total		at least 90.5 credits	

Course Category			Required Number of Credits	Course Requirements
Liberal Arts and Sciences	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 IX. (p. 30).
	Health and Sports Sciences	Lecture	2	
		Practicum		
	Data Science	Lecture	1	
		Exercise	1	Data Science Exercise B is required to be taken.
	Entrepreneurship		1	
	Global Liberal Arts Courses		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.
	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences		2	
	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 48 credits
Required Number of Credits			at least 138.5 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	Common Basic Courses Liberal Arts Courses Basic Courses for Specialized Fields	40 credits	1. 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.

(For AY 2025 Enrollees)

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

(I) Credits Required for Graduation

Course Category			Automotive Engineering Program Department of Mechanical and Aerospace Engineering			
			Compulsory Courses	Compulsory Elective Courses	Elective Courses	Total
SCHOOL Specialized Courses	Basic Specialized Courses					
	Course Credits		35		11	46
	Required Number of Credits		35		6	41
	Specialized Courses					
	Course Credits		11		38	49
	Graduation Research		10			10
	Required Number of Credits		21		22	43
	Related Specialized Courses					
	Course Credits				14	14
	Required Number of Credits				5	5
	Sub-total					
	Course Credits		46		63	109
	Graduation Research		10			10
	Required Number of Credits		56		33	89
	Method of Completion		Compulsory Courses		at least 46 credits	
			Graduation Research		at least 10 credits	
			Elective Courses		at least 33 credits	
			Total		at least 89 credits	

Course Category			Required Number of Credits	Course Requirements
Liberal Arts and Sciences	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 IX. (p. 30).
	Health and Sports Sciences	Lecture	2	
		Practicum		
	Data Science	Lecture	1	
		Exercise	1	Data Science Exercise B is required to be taken.
	Entrepreneurship		1	
	Global Liberal Arts Courses		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.
	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences		2	
	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 48 credits
Required Number of Credits			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	Common Basic Courses Liberal Arts Courses Basic Courses for Specialized Fields	40 credits	1. 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.

(For AY 2025 Enrollees)

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

(I) Credits Required for Graduation

Course Category			Required Number of Credits		Course Requirements
Liberal Arts and Sciences	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 IX.(p.30).
	Health and Sports Sciences	Lecture	2		
		Practicum	2		
	Data Science	Lecture	1		
		Exercise	1		Choose from Data Science Exercise A or Data Science Exercise B (Python Course).
	Entrepreneurship		1		
	Global Liberal Arts Courses			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.
	Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences		2		
	Problem/Project Based Learning Seminar				
	Basic Courses in Natural Sciences		20		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 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		48		
School Specialized Courses	Specialized Courses		72		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) + 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.
	Basic Specialized Courses		16		Must earn at least 8 credits or more in mandatory and 8 credits in elective Basic Specialty Subjects.
	Sub-total		88		
Total			136		

(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
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 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 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.