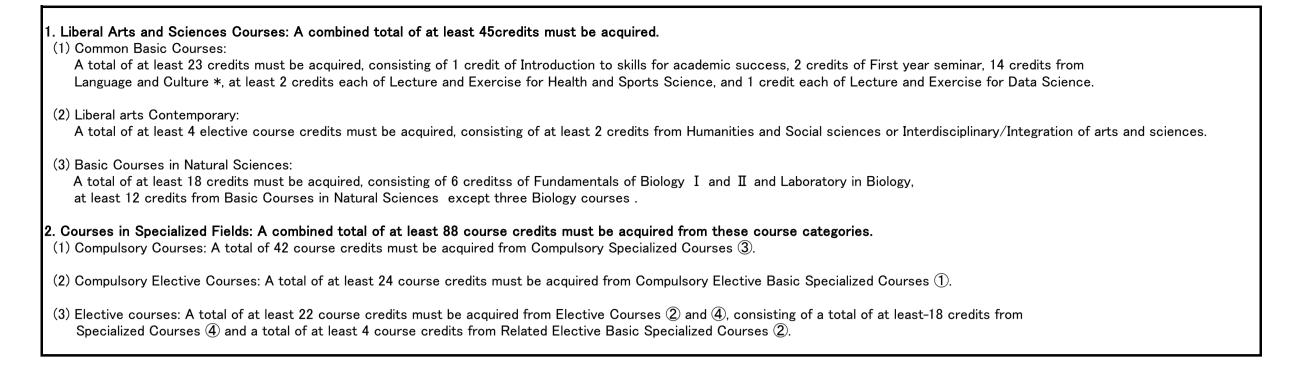
Course List and Graduation Requirements for International Programs, Biological Science Program - School of Science (for Undergraduates Enrolled in October 2023)

Image: set of the set		С	ourse Cat	egory	Course	Term	No of Credits	Compulsory	Credits Compulsory Elective	Elective	Minimu Requirem
Home of the content of the c	ſ				Introduction to skills for academic success	I	1	1	LICCUVC		1
Convert Base Rescant France Topic Learners, Path Failant Second Base S						I	2	2			2
Control bare Control bare<				Language and Culture	Japanese		8	8			8
Part of a sort sort of a sort of			Basic			Fall,Spring					6 2
Out Sparse is an interface is the last set is a set is set is		Courses		Health and Sports Science		I	1 1 1	1 1 1 1			2
Image: Second				Data Salanaa							1
Operation Series Series <thseries< th=""> <thseries< th=""> <thseries<< td=""><td></td><td></td><td></td><td>Data Science</td><td>Data Science Exercise B</td><td>П</td><td>1</td><td>1</td><td></td><td></td><td>1</td></thseries<<></thseries<></thseries<>				Data Science	Data Science Exercise B	П	1	1			1
oriente infestione infestin infestione infestione infestione infestione infe						Spring	2	23		2	23
Interaction is correct in the section is correc			Osatsaa	sciences							
Mark Part of source (Mark 1) Constraint (Mark 1) Part of source (Mark 1)											
Under all and a losses Distant Research area Musicing III III IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				Interdisciplinary/Integration							
Manu Barray Market Source Particle Network Inter-wind Develoament (Inter-Market Close) (Inter-Market Close) (Inter-M			Arts	of arts and sciences		_		-			
One-of- based Area Interactional Society in the Age of Classific Area (************************************		Liberal									
Other Description Description Status Construct Status Construct Status Construct Status		Arts						-			4
Const Laker1 Arts		Course			International Studies	IV	2			2	consistir
Source is black Louis A: Back Converses in Huturi Scence: Back Converses Bit Register Converses Bit Regist Register Bit Register Converses Bit Register Converses Bit Regi	beral Arts										2 credits
Basic Correct Project Revert Larring Target Control Corrections Optimized Project Revert Larring Target Control Contr			Global Lib	eral Arts	Studium Generale A	Fall	2			2	
Basis Sociality Program Social strate to strate to dark to that is hanked. N 2 2 Prefere Program Disci Lateria Sociality II. 1 2 2 1 2 Informatical & Boligg II. 1 2 2 1 2 2 Informatical & Boligg II. 1 2 <t< td=""><td></td><td></td><td></td><td rowspan="2"></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td></t<>											-
Pethe Proc. Base Levering Harry Jumma Care for domain Assemble Billio VI 2 N 2 Image: Ansatz and the second of assemble Billio and the					Immigration in Japan	_					
Intermental of Bolog: 1 2 2 Intermental of Bolog: 0 2 2 Intermental of Bolog: 0 2 2 Optimization: 0 2 2 Inter Algeb 1 1 2 2 Intermetal of Physics 1 1 2 2			Problem /P	roject Based Learning Seminar			- 2	-			4
Loborator / Biolog II 2 2 2 2 2 Basic Courses in Natural Sciences Editary Algoba 1 I 2 2 2 2 Condit A Anyan II 2				. Jose Based Learning Seminar	Fundamentals of Biology I	I				۷	<u> </u>
Genote 1 3 2 2 2 2 2 Basic Courses in Netural Solences Inter Agebra 1 1 2					Fundamentals of Biology II				1		6
Unrate Agebra 1 C 2 Basic Course in Natural Sciences						<u> </u>		<u> </u>		2	
Base Courses in Natural Sciences Lines Adopting Environmental of Physics II Environmental of Physics II Environmental of Physics II Environmental of Charistry I. I 2 2 2 Base Courses in Natural Sciences Environmental of Physics II Environmental of Charistry I. I 2					Calculus II	II	2	4		2	4
Basic Courses in Natural Sciences Operation Advances 1 III 2 Find-dimension of Physics II. III 2 II. III. III. </td <td></td> <td>1</td>											1
Endemonital of Physics ID II I </td <td></td> <td>Basi C</td> <td></td> <td>tunal Origina</td> <td>Complex Analysis</td> <td></td> <td>2</td> <td></td> <td></td> <td>2</td> <td>]</td>		Basi C		tunal Origina	Complex Analysis		2			2]
Endescential of Physics III II 2 2 Fundamental of Chronotry II II 2 2 Fundamental of Chronotry II II 2 2 Fundamental of Chronotry II II 2 2 Sum for Liberal Arts and Science I III 2 2 Sum for Liberal Arts and Science I III 2 2 Operation III III 2 2 2 Operation III III 2 2 2 Operation IIII III 2 2 2 Operation IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		Basic Cou	rses in Na	itural Sciences		I II		-			·
Fundamental of Clementry II B 2 Audinerratal of Clements Sciences 1 1 2 Sum for Liberal Acts and Sciences 1 1 2 Sum for Liberal Acts and Sciences 1 1 2 2 Sum for Liberal Acts and Sciences Courses 1 1 2 2 Sum for Liberal Acts and Sciences Courses 1 1 2 2 Biocleminty I 11 2 2 2 Consultary Environment Cleminty I 11 2 2 2 Physiola Chemistry I 11 2 2 2 2 Consultary Environmental Environmental Elonge 17 2 2 2 Physiola Chemistry I 11 1 2 2 2 Consultary Environmental Process Turone Ib 1 1 1 1 Hundmental Clevin Ib 1 1 1 1 1 Consultary Environmental Process Turone Ib 1 1 1 1 1					Fundamentals of Physics III	_	2			2	12
Endemnitia of Earth Science 1 1 2 Laboratory in Physics 1 2 Sum for Liberal Arts and Science 1 1 2 Sum for Liberal Arts and Science 1 1 2 Sum for Liberal Arts and Science 1 1 2 Sum for Liberal Arts and Science 1 1 2 Genetics 1 1 2 2 2 Composition 1 1 2 2 2 2 Gald Boog 2 Composition 1 1 2 2 2 2 Composition 2 Composition 2 1 1 2 2 2 2 Composition 2 Composition 2 1 1 2 2 2 2 Conset 3 Thig 2 2 2 2 2 2 Basic Specialized Courses Composition 2 Conset 3 1 1 1 Elective Course 3 Composition 2 Course 1 1 1 1 Basic Specialized did Composit						I		-			{
Understand in Proving in Proving III 2 2 Sum for Liberal Arts and Sciences Gourses 0 2 2 2 Sum for Liberal Arts and Sciences Gourses 0 1 1 1 2 2 2 Gendbiast 1 1 1 1 1 2 2 2 2 2 Gendbiast 1 1 1 1 1 2					Fundamentals of Earth Science I	I	2			2	1
Sum for Liberal Arta and Scheres Courses 1 2 0 7 2 Sum for Liberal Arta and Scheres Courses 1 1 2 2 1 4 Sum for Liberal Arta and Scheres Courses 1 1 2 2 1 4 Laboratory 1 1 1 2 2 2 1 4 Compolicy Elective Courses (1) 0 1 2 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td>								-			-
Specialized Courses in the course if in the course					Laboratory in Chemistry			-		2	-
Basic Specialized Courses in intendiated for any functional is intended in the intended intended intended in the intended intended in the intended intended intended intended in the intended in the intended inte			S	<mark>oum for Liberal Arts and S</mark>			2	29	_	16	45
Basic Spocialized Courses (1) Early Compulsory Elective Courses (1) Early Committy 1 (1) III (1) 2 (1) 2 (2)											
Basic Spacialized Courses Envision () Image: Courses Image: Courses <thimage: courses<="" th=""> Image: Courses <thi< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>] </td><td></td></thi<></thimage:>]	
Basic Specialized Courses ① Computatory Elective Organic Chemistry 1 III 2 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td rowspan="6"></td><td></td><td></td><td></td></th<>											
Basic Socialized Courses () Physical Chemistry II Genetics II Biochemistry II Horizontal Biology IV 2 2 2 2 2 2 1 0 0 1 0 1 1 1 1 1 1 1 1 1					Analytical Chemistry	Ш	2		2		
During () Control () Control () V 2 Physiology and Davelopmental Biology W 2 2 2 Biochemistry II W 2 2 2 Genetics II W 2 2 2 Genetics II W 2 2 2 Biochemistry II V 2 2 2 Genetics II V 2 2 2 Baio Specialized Fundamental Physics Tutorial Ia II 1 1 Mathematics Tutorial Ib II II 1 1 1 Mathematics Physics I III III 2 2 2 Mathematics Tutorial I III III 2 2 2 Mathematics Physics I Tutorial I III III 2										-	24
Basic Socialized Courses Bochemistry II IV 2 Basic Socialized Courses Inorganic Chemistry II V 2 2 Fundamental Physics Tutorial Is I 1 1 1 Mathematics Tutorial Is II 1 1 1 Mathematics Tutorial IB III 1 1 1 Mathematics Tutorial IB III 1 1 1 Mathematics Tutorial IB III 1 1 1 Mathematics Physics I IIII III 1 1 Mathematics Physics I IIII III 1 1 Mathematics Physics I IIII IIII 1 1 Mathematics Physics I IIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				Courses (1)	Genetics II	IV	2		2		
Basic Specialized Courses Inorganic Chemistry III IV 2 Basic Specialized Courses Inorganic Chemistry III V 2 2 Basic Specialized Courses Inorganic Chemistry III V 2 2 Fundamental Physics Tutorial Ia I 1 1 1 Mathematics Tutorial Ib II 1 1 1 1 Mathematics Tutorial Ib II 1 1 1 1 Mathematics Tutorial Ib II 1 1 1 1 Mathematics Tutorial Ib III 1 1 1 1 Mathematics Tutorial Ib III 1 1 1 1 Mathematics Tutorial Ib III 1 1 1 1 1 Mathematics Tutorial Ib III 1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
Basic Specialized Courses Biochemistry III V 2 2 Basic Specialized Courses Fundamental Physics Tutorial la 1 1 1 Hundamental Physics Tutorial la 1 1 1 1 Mathematics Tutorial la 1 1 1 1 Mathematical Physics Tutorial la 11 1 1 1 Mathematical Physics Tutorial la 11 1 1 1 1 Bioscience Laboratory I W 2											
Basic Specialized Courses Cell Biology III V 2 2 Fundamental Physics Tutorial Ia 1 1 1 1 Mathematics Tutorial Ia 1 1 1 1 Mathematical Physics Tutorial I 11 1 1 1 Duraces in mecialized Earth and Manetral Sciences V 2 2 2 Bioscience Laboratory I IV 2 2 2 2 2 Compulsory Courses ③ Advanced Biocince Laboratory II V 8 8 2 2 2 Advanced Biocince Laboratory II V						-					
Courses Fundamental Physics Tutoral Ib 1 1 Mathematics Tutoral Ib 1 1 1 Mathematical Physics Tutoral I 11 1 1 Mathematical Physics Tutoral I 11 1 1 Mathematical Physics Tutoral I 11 1 1 Statistical Physics Tutoral Is 11 1 1 Statistical Physics Tutoral I Emth 11 1 1 Bioscience Laboratory I 17 2 2 2 Compulsory Courses (3) Advanced Bioscinnoc Laboratory II								-			
Parlamental Prysics 1 Ucia II.a (1) 1		-	cialized			I	1	-		1 1 1 1 1 1 1	-
Purses in bedialized Imathematics Tutorial Ib I <td></td> <td></td> <td></td> <td></td> <td></td> <td>II</td> <td>1</td> <td></td> <td>-</td>						II	1				-
Specialized Courses					Mathematics Tutorial Ib	I	1				1
Barbanetics Tutorial IIb II 1 Analytical Mechanics I III 2 Mathematical Physics I III 2 Quantum Mechanics I IV 2 Electricity and Magnetism IV 2 Entriand Planetary Sciences V 2 Environmental Earth Sciences V 2 Partial Sim V 2 Compulsory Courses (3) Bioscience Laboratory I VI 2 Advanced Bioscience Laboratory II VI 2 2 Advanced Bioscience Laboratory II<							1				1
Specialized Courses Mathematical Physics 1 III 2 1 Specialized Courses Advanced Bioscience Laboratory II VI 2 2 1 Specialized Courses III 2 III 2 1 2 2 1					Mathematics Tutorial IIb	II	1	1		1	1
Specialized Courses Mathematical Physics Tutorial 1 III 1 Statistical Physics Tutorial 1 III 1 1 2 Quantum Mechanics 1 IV 2 2 2 Electricity and Magnetism IV 2 2 2 Electricity and Magnetism IV 2 2 2 Electricity and Magnetism IV 2 2 2 Environmental Earth Sciences VI 2 2 2 Partial Sum 0 24 4 2 Advanced Bioscience Laboratory II VI 2 2 4 Advanced Bioscience Laboratory II VI 2 2 4 Advanced Bioscience Laboratory II VI 2				Elective Courses ②	· · · ·						4
Specialized courses 					Mathematical Physics Tutorial I	Ш	1			1 2	1
Specialized Courses Image: Compulsory Courses <thimage: courses<="" th=""> <thimage: courses<="" th=""></thimage:></thimage:>								-			4
Earth and Planetary Sciences V 2 2 2 Partial Sum 0 24 4 2 Partial Sum 0 24 4 2 Compulsory Courses ③ Bioscience Laboratory II VI 2 4 2 Advanced Bioscience Laboratory II VI 2 2 4 4 2 Advanced Bioscience Laboratory II VI 2 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 </td <td>ourses in pecialized</td> <td></td> <td>Electricity and Magnetism</td> <td>IV</td> <td>2</td> <td>1</td> <td></td> <td>2</td> <td>1</td>	ourses in pecialized				Electricity and Magnetism	IV	2	1		2	1
Partial Sum 0 24 4 2 Bioscience Laboratory I IV 8 4	elds				Earth and Planetary Sciences	-		-			4
Specialized Courses Bioscience Laboratory I IV 8 8 Bioscience Laboratory II VI 2 2 4							<u> </u>	0	24		28
Specialized Courses (a) Advanced Bioscience Laboratory II VI 2 2 Advanced Bioscience Laboratory II VI 2 2 2 Advanced Bioscience Laboratory II VI 2 2 2 Advanced Bioscience Laboratory III VI 2 2 2 Advanced Bioscience III 2 2 2 Graduation Research in Bioscience III 2 2 2 Agricultural Science III 2 2 2 Organic Chemistry II IV 2 2 2 Physiology and Anatory II V 2 2 2 Organic Chemistry III V 2 2 2 Organic Chemistry III V 2 2 2 Computational Chemistry V 2 2 2 2 Plant Physiology VI 2	i				Bioscience Laboratory I		-	8			
Specialized Courses Advanced Bioscience Laboratory II VI 2 2 Advanced Bioscience Laboratory III VI 2 2 Graduation Research in Bioscience VII, VII 2 20 Advanced Bioscience Laboratory III VI 2 2 Graduation Research in Bioscience VII 2 2 Agricultural Science III 2 2 Organic Chemistry II IV 2 2 Biophysics IV 2 2 Organic Chemistry III V 2 2 Computational Chemistry III V 2 2 Chemical Physics V 2 2 Plant Physiology VI 2 2 Cell Biology IV VI 2 2 Microbiology VI 2 2 Bioorganic Chemistry VI 2 2 Qraganic Chemistry VI 2 2 Bioorganic Chemistry VI 2 2						-	_				42
Specialized Courses Image: Characteristic Characte						14			2		
Agricultural ScienceIII2Organic Chemistry IIIV2BiophysicsIV2Physiology and Anatomy IIV2Organic Chemistry IIIV2Computational ChemistryV2Chemical PhysiologyVI2Plant PhysiologyVI2Cell Biology IVVI2MicrobiologyVI2Biochemistry IVVI2Current Organic Chemistry IVVI2Current Organic and Polymer ChemistryVI2Advanced Bioscience Laboratory IVVI2Advanced Bioscience Laboratory VVI2International Marine Biology CourseVI2Partial Sum420Ital Biology CourseVI2Ital Biology CourseVI2Ital Biology CourseVI2International Marine Biology CourseVI2International Marine Biology CourseVI2International Marine Biology CourseVI2Ital CourseVI2Ital CourseVI2Ital CourseVI2Ital CourseVI2Ital CourseVI2Ital Course2Ital Course2Ital Course2Ital Course2Ital Course2Ital Course2Ital Course2Ital Course2Ital Course2				Compulsory Courses ③	Advanced Bioscience Laboratory II	VI					1
Specialized Courses Biophysics IV 2 Biophysics IV 2 Organic Chemistry III V 2 Computational Chemistry V 2 Chemical Physics V 2 Plant Physiology VI 2 Biochemistry IV VI 2 Cell Biology IV VI 2 Bioorganic Chemistry IV VI 2 Current Organic and Polymer Chemistry VI 2 Organic Chemistry IV VI 2 Current Organic and Polymer Chemistry VI 2 Advanced Bioscience Laboratory IV VI 2 Advanced Bioscience Laboratory V VI 2 Advanced Biology Course VI 2 Partial Sum 42 0 18				Compulsory Courses ③	Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III	IV VI	2	2			
Specialized Courses Physiology and Anatomy II V 2 Organic Chemistry III V 2 Computational Chemistry V 2 Chemical Physiology VI 2 Plant Physiology IV VI 2 Biochemistry IV VI 2 Cell Biology IV VI 2 Microbiology VI 2 Bioorganic Chemistry IV VI 2 Organic Chemistry IV VI 2 Current Organic and Polymer Chemistry VI 2 Querted Bioscience Laboratory IV VI 2 Advanced Bioscience Laboratory V VI 2 International Marine Biology Course VI 2 Partial Sum 42 0 18				Compulsory Courses ③	Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III Graduation Research in Bioscience Agricultural Science	VI VI VII, VIII	2 20 2	2			
Specialized Courses Computational Chemistry V 2 Chemical Physics V 2 Plant Physiology VI 2 Biochemistry IV VI 2 Cell Biology IV VI 2 Microbiology VI 2 Bioorganic Chemistry IV VI 2 Organic Chemistry IV VI 2 Organic Chemistry IV VI 2 Advanced Bioscience Laboratory IV VI 2 Advanced Bioscience Laboratory V VI 2 International Marine Biology Course VI 2 Partial Sum 42 0 18				Compulsory Courses ③	Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III Graduation Research in Bioscience Agricultural Science Organic Chemistry II	VI VI VII, VII II IV	2 20 2 2	2		2	<u> </u>
Specialized Courses Chemical Physics V 2 Plant Physiology VI 2 Biochemistry IV VI 2 Cell Biology IV VI 2 Microbiology VI 2 Bioorganic Chemistry IV VI 2 Organic Chemistry IV VI 2 Qurrent Organic and Polymer Chemistry VI 2 Advanced Bioscience Laboratory IV VI 2 Advanced Bioscience Laboratory V VI 2 International Marine Biology Course VI 2 Partial Sum 42 0 18				Compulsory Courses ③	Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III Graduation Research in Bioscience Agricultural Science Organic Chemistry II Biophysics Physiology and Anatomy II	VI VI VII, VIII III IV IV V	2 20 2 2 2 2 2 2	2		2 2 2	
Plant PhysiologyVI2Biochemistry IVVI2Cell Biology IVVI2MicrobiologyVI2Bioorganic ChemistryVI2Organic Chemistry IVVI2Current Organic and Polymer ChemistryVI2Advanced Bioscience Laboratory IVVI2Advanced Bioscience Laboratory VVI2International Marine Biology CourseVI2Partial Sum42018				Compulsory Courses ③	Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III Graduation Research in Bioscience Agricultural Science Organic Chemistry II Biophysics Physiology and Anatomy II Organic Chemistry III	VI VI VI, VII II IV IV V V	2 20 2 2 2 2 2 2 2	2		2 2 2 2	
Cell Biology IVVI2MicrobiologyVI2Bioorganic ChemistryVI2Organic Chemistry IVVI2Current Organic and Polymer ChemistryVI2Advanced Bioscience Laboratory IVVI2Advanced Bioscience Laboratory VVI2International Marine Biology CourseVI2Partial Sum42018		Specialize	d Courses		Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III Graduation Research in Bioscience Agricultural Science Organic Chemistry II Biophysics Physiology and Anatomy II Organic Chemistry III Computational Chemistry	VI VI VI, VII II IV V V V V	2 20 2 2 2 2 2 2 2 2 2	2		2 2 2 2 2 2	
MicrobiologyVI2Bioorganic ChemistryVI2Organic Chemistry IVVI2Current Organic and Polymer ChemistryVI2Advanced Bioscience Laboratory IVVI2Advanced Bioscience Laboratory VVI2International Marine Biology CourseVI2Partial Sum42018		Specialize	d Courses		Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III Graduation Research in Bioscience Agricultural Science Organic Chemistry II Biophysics Physiology and Anatomy II Organic Chemistry III Computational Chemistry Chemical Physics Plant Physiology	VI VI,VII III IV VV V V V V VI	2 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2		2 2 2 2 2 2 2 2 2 2	
Organic Chemistry IVVI2Current Organic and Polymer ChemistryVI2Advanced Bioscience Laboratory IVVI2Advanced Bioscience Laboratory VVI2International Marine Biology CourseVI2Partial Sum420		Specialize	d Courses		Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III Graduation Research in Bioscience Agricultural Science Organic Chemistry II Biophysics Physiology and Anatomy II Organic Chemistry III Computational Chemistry Chemical Physics Plant Physiology Biochemistry IV	VI VI VI, VII II IV V V V V V V V V I VI	2 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2		2 2 2 2 2 2 2 2 2 2 2	
Current Organic and Polymer ChemistryVI2Advanced Bioscience Laboratory IVVI2Advanced Bioscience Laboratory VVI2Advanced Bioscience Laboratory VVI2International Marine Biology CourseVI2Partial Sum420		Specialize	d Courses		Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III Graduation Research in Bioscience Agricultural Science Organic Chemistry II Biophysics Physiology and Anatomy II Organic Chemistry III Computational Chemistry Chemical Physics Plant Physiology Biochemistry IV Cell Biology IV Microbiology	VI VI, VII III IV IV V V V V V VI VI VI VI	2 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Advanced Bioscience Laboratory IV VI 2 Advanced Bioscience Laboratory V VI 2 International Marine Biology Course VI 2 Partial Sum 42 0 18 64		Specialize	d Courses		Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III Graduation Research in Bioscience Agricultural Science Organic Chemistry II Biophysics Physiology and Anatomy II Organic Chemistry III Computational Chemistry Chemical Physics Plant Physiology Biochemistry IV Cell Biology IV Microbiology Bioorganic Chemistry	VI VI VI, VII II IV V V V V V V V V V I VI VI VI	2 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	18
International Marine Biology Course VI 2 2 Partial Sum 42 0 18 64		Specialize	d Courses		Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III Graduation Research in Bioscience Agricultural Science Organic Chemistry II Biophysics Physiology and Anatomy II Organic Chemistry III Computational Chemistry Chemical Physics Plant Physiology Biochemistry IV Cell Biology IV Microbiology Bioorganic Chemistry IV	VI VI VI, VII II IV VV V V V V VI VI VI VI VI VI	2 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	18
Partial Sum 42 0 18 6		Specialize	d Courses		Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III Graduation Research in Bioscience Agricultural Science Organic Chemistry II Biophysics Physiology and Anatomy II Organic Chemistry III Computational Chemistry Chemical Physics Plant Physiology Biochemistry IV Cell Biology IV Microbiology Bioorganic Chemistry Organic Chemistry IV Current Organic and Polymer Chemistry Advanced Bioscience Laboratory IV	VI VI, VII III IV VV V V V V V V VI VI VI VI VI	2 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	18
		Specialize	d Courses		Advanced Bioscience Laboratory II Advanced Bioscience Laboratory III Graduation Research in Bioscience Agricultural Science Organic Chemistry II Biophysics Physiology and Anatomy II Organic Chemistry III Computational Chemistry Chemical Physics Plant Physiology Biochemistry IV Cell Biology IV Microbiology Bioorganic Chemistry Organic Chemistry IV Current Organic and Polymer Chemistry Advanced Bioscience Laboratory IV Advanced Bioscience Laboratory V	VI VI, VII III IV VV V V V V V V VI VI VI VI VI	2 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	18

*Some of the courses on this column are offered in every other year. Confirm the offering term with the "Liberal Arts and Sciences Class Timetable" of the said year.

Graduation Requirements for International Programs, Biological Science Program - School of Science (for Undergraduate)



Requirements for Advancement for International Programs, Biological Science Program - School of Science (for Undergraduate)

Time the Judgment is made	Course Categories and Required Number of Credits	Students unable to advance to the next year				
At the End of the First Grade	the end of the first grade.	 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 forth 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. 				

11