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 | 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. For details, refer to IX.(p.30). |
| | Health and Sports | Lecture | 2 | | |
| | Sciences | Practicum | 2 | | |
| Liberal Arts | | Lecture | 1 | |] |
| and Sciences | Data Science | Exercise | 0 | | Data Science Exercise A can be taken as an Optional Course. |
| | Global Liberal Arts Courses | | | ר ו | |
| | Contemporary Liberal Arts in Natural Sciences or 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 Natural Sciences or Interdisciplinary/Integration of Arts and Sciences. |
| | Seminar | | | | |
| | Basic Courses in Humanities and Social Sciences | | 8 | | |
| | | Sub-total | 40 | | |
| | Compulsory Elective 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 The | esis | 10 | | |
| | | Sub-total | 84 | | |
| | Total | | 124 | | |

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

| Course Category | | | Required Number of Credits | Course Requirements |
|------------------------------|---|----------|----------------------------|--|
| | Introduction to skills for academic success | | I | |
| | First Year Sem | inar | 2 | |
| | | Japanese | 10 | |
| | Language and Culture | 0 | 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 | |
| Liberal Arts | Data Science | Lecture | I | |
| Liberal Arts and Sciences | Global Liberal Arts Courses Contemporary Liberal Arts in Natural Sciences or Interdisciplinary/Integration of Arts and Sciences Problem/Project Based Learning Seminar Basic Courses in Humanities and | | 2 | |
| | Social Science | | 6 | |
| | Total | | 36 | |

⁽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 Social Sciences (School of Law) Program

| (1) 01 04113 | Course Cat | | Required N of Credi | umber ts | Course Requirements | |
|------------------------|---|--|------------------------|-------------|---|--|
| | Introduction to skills for academic success First Year Seminar | | | | | |
| | Data Science | Lecture | 12~14 | ŀ | | |
| | Basic Courses Social Scienc | in Humanities and es | | | ※Political Studies graduation credits | |
| | l | 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 Sports | Lecture | | | | |
| Liberal | Sciences | Practicum | | | | |
| Arts and 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 Arts 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 | | - | | | |
| | S | Gub-total | 40~42 | 2 | | |
| | Specialized C | ourses | ٦ | | | 20 credits only from |
| School | Related Speci | alized Courses | 82~8 | 4 | towards graduation c | courses can be used redit requirements. |
| Specialized Courses | Basic Special | ized Courses | | | | |
| | | Sub-total | | | | |
| | Total | | 124 | | | |

⁽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 2024 Enrollees)

Graduation Requirements for Social Science (School of Economics) Program

(1) Credits Required for Graduation

| (1) Credits | Course Category | | Required Number of Credits | | Course Requirements |
|----------------------------------|---|---|----------------------------|----|---|
| | | Introduction to skills for academic success | | | |
| | 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 | | |
| l the and | Sciences | Practicum | 2 | | |
| Liberal Arts and | 0 . 0 . | Lecture | 1 | | |
| Sciences | Data Science | Exercise | 1 | | Data Science Exercise A is required to be taken. |
| | Global Liberal Arts Courses | | | 7 | |
| | Contemporary Liberal Arts in Natural 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 Natural Sciences and Interdisciplinary/Integration of Arts and Sciences. |
| | Problem/Project Based Learning Seminar | | |] | Scrences. |
| | Basic Courses in Humanities and Social Sciences | | 8 | | |
| _ | 5 | Sub-total | 41 | | |
| | Basic Special | | 28 | | |
| Sahaal | Specialized C (Compulsory) | ourses | 8 | | |
| School Specialized Courses | Specialized C | Specialized Courses (Compulsory Electives) | | 56 | |
| 3041 303 | Related Speci | Related Specialized Courses | | | |
| | | Sub-total | 84 | | |
| | Total | | 125 | | |

(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 | | | | |
| | First Year Se | minar | 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 Sports | Lecture | 2 | | |
| | Sciences | Practicum | 2 | | |
| | | Lecture | I | | |
| | Data Science | Exercise | I | | Data Science Exercise B is required to be taken. |
| | Global Libera | I Arts Courses | - | 1 | |
| Liberal Arts and Sciences | 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 C | ourses | 61~5 | 52 | |
| School Specialized | Related Speci | alized Courses | | 0 | |
| Courses | Basic Special | ized Courses | 22.5~31. | 5 | |
| | | Sub-total | 83. | 5 | |
| | Total | | 130. | 5 | |

| (L) Redail on Hamber o | CICATIS TOT GAVARICONICI | •• |
|---|--|--|
| 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 skills for academic success | | I | | |
| | First Year Se | minar | 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 Sports | Lecture | 2 | | |
| | Sciences | Practicum | 2 | | |
| | | Lecture | I | | |
| | Data Science | Exercise | ı | | Data Science Exercise B is required to be taken. |
| Liberal | Global Libera | l Arts Courses | | ٦ | |
| Arts and Sciences | 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/ |
| | Problem/Project Based Learning 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 | | 47 | | |
| | Specialized C | ourses | 40~44 | | |
| School | Related Speci | alized Courses | 0 | | |
| Specialized Courses | Basic Special | ized Courses | 44~40 | | |
| | | Sub-total | 84 | | |
| | Total | | 131 | | |

| (Z) Nequitieu Hulliber 0 | i crearis for davancemen | H |
|---|--|--|
| 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

| (1) 0100113 | Course Category | | Required Number of Credits | | Course Requirements |
|-----------------------|---|--|----------------------------|---|---|
| | Introduction to skills for academic success | | I | | |
| | First Year Se | minar | 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 Sports | Lecture | 2 | | |
| | Sciences | Practicum | 2 | | |
| | | Lecture | I | | |
| | Data Science | Exercise | I | | Data Science Exercise B is required to be taken. |
| Liberal | | Global Liberal Arts Courses | | ר | |
| Arts and Sciences | 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/ |
| | Problem/Project Based Learning Seminar | | | | Integration of Arts and Sciences. |
| | 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 C | ourses | 60 | | |
| School Specialized | Related Speci | alized Courses | 0 | | |
| Courses | Basic Special | ized Courses | 28 | | |
| | | Sub-total | 88 | | |
| | Total | | 133 | | |

| (Z) Nequitieu Hulliber 0 | i crearis for davancemen | H |
|---|--|--|
| 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 Engineering) Programs

| <u> </u> | Required for | | | Chemistry Program | | | | |
|----------------------|---|---|---|-------------------|--|--|--|--|
| | Course Cat | agory | Department of Chemistry and Biotechnology | | | | | |
| | Course Category Basic Specialized Courses | | | | Compulsory Elective Courses | Elective Courses | Total | |
| | Basic Special | ized Courses | | | | | | |
| | Course Credits | | 28 | | | 32 | 60 | |
| | Required Num | Required Number of Credits | | | | 16 | 44 | |
| | Specialized Co | | | | | | | |
| | Course Credi | | 8 | | | 20 | 28 | |
| | Graduation R | | 10 | | | | 10 | |
| | | ber of Credits | 18 | | | 18 | 36 | |
| | | alized Courses | | | | | | |
| School | Course Credi | | | | | 10 | 10 | |
| Specialized | | ber of Credits | | | | 2 | 2 | |
| Courses | | ber of credits | | + | | 2 | | |
| | Sub-total | | 36 | | | 42 | no. | |
| | Course Credi | | | | | 62 | 98 | |
| | Graduation R | | 10 | | | | 10 | |
| | Required Num | ber of Credits | 46 | | | 36 | 82 | |
| | | | Compulsory C | | | at least 36 cred | | |
| | Method | of Completion | Graduation R | eseo | arch | at least 10 cred | its | |
| | Metriou | or completion | Elective Cou | rses | 5 | at least 36 cred | its | |
| | | | Total | | | at least 82 cred | its | |
| | Course Category | | | ber S | | Course Requiremen | ts | |
| | Introduction to skills for academic success | | I | | | | | |
| | First Year Seminar | | 2 | | | | | |
| | Language and Culture | Japanese | 8 | | | | | |
| | | Japanese/English/ Second Foreign Languages | 6 | | from one or | total of at least more Course Catego refer to IX.(p.30 | ories. | |
| | Health and Sports | Lecture Practicum | - 2 | | | | | |
| | Sciences | | | | - | | | |
| | Data Science | Lecture | | | Data Science | Exercise B is rec | wired to be | |
| | | Exercise | I | | taken. | Exercise b 13 rec | quired to be | |
| Liberal | | I Arts Courses | ٦ | | Must oarn a | total of at loast | / orodita | |
| Arts and Sciences | Humanities an and Interdisc of Arts and S | 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/Proje Seminar | ct Based Learning | | | | | | |
| | Basic Courses | Basic Courses in Natural Sciences | | | Mathematics: Must earn a total of at credits in Calculus I and II, Liner Algebra I and II and Complex Analyst Physics: Must earn a total of 8 cred Fundamentals of Physics I and II and Laboratory in Physics. Chemistry: Must earn a total of 6 cred Fundamentals of Chemistry I and II Laboratory in Chemistry. Biology: Must earn a total of 4 cred Fundamentals of Biology I and II. | | Analysis. Analysis. Control Co | |
| | - | + | | | | | | |
| | Method | of Completion | Total | | at least 51 | 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.

(For AY 2024 Enrollees)

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

| (I) Credits | Required for | Graduation | Δ11- | tomotive Fna | ineering Progr | cam | |
|---------------------|---|---|--|---|---|---|--|
| Course Category | | | Automotive Engineering Program Department of Mechanical and Aerospace | | | | |
| | | | Engineering | | | | |
| | | | Compulsory | Compulsory Elective | Elective | Total | |
| | | | Courses | Courses | Courses | | |
| | Basic Specialized Courses | | | | | | |
| | Course Credi | ts | 34.5 | | 11 | 45. 5 | |
| | Required Number of Credits | | 34.5 | | 6 | 40.5 | |
| | Specialized Courses | | | | | | |
| | Course Credits | | 11 | | 38 | 49 | |
| | Graduation Research | | 10 | | | 10 | |
| | Required Number of Credits | | 21 | | 22 | 43 | |
| COLIDO | Related Speci | alized Courses | | | | | |
| SCH00L | Course Credi | ts | | | 14 | 14 | |
| Specialized | Required Num | ber of Credits | | | 5 | 5 | |
| Courses | Sub-total | | | | | | |
| | Course Credi | †s | 45.5 | | 63 | 108.5 | |
| | Graduation R | | 10 | | | 10 | |
| | | ber of Credits | 55.5 | | 33 | 88.5 | |
| | 1104411 04 11411 | | Compulsory Cou | ırses | at least 45.5 | | |
| | | | Graduation Res | | at least 10 cr | | |
| | Method | d of Completion | Elective Cours | | at least 33 cr | | |
| | | | Total | 503 | at least 88.5 | | |
| | 1 0 0 . | | Required Number | er | | | |
| | Course Cat | egory | of Credits | . | Course Requireme | nts | |
| | 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 | total of at leas more Course Cate refer to IX.(p. | egories. | |
| | Health and Sports Sciences | Lecture | 2 | | | | |
| | | Practicum | 2 | | | | |
| | | Lecture | ı | | | | |
| | Data Science | Exercise | 1 | Data Science | e Exercise B is r | equired to be | |
| Liberal Arts and | Global Libera | I Arts Courses | ٦ | | | | |
| Sciences | Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences | | 2 4 | including 2 Liberal Arts Sciences and | total of at leas credits in Conte in Humanities of Interdisciplina | emporary and Social ary/ | |
| | Problem/Project Based Learning Seminar | | | | of Arts and Scie | | |
| | Basic Courses in Natural Sciences | | 22 | credits in Algebra I Physics: Mus in Fundame III and La Chemistry: N | Must earn a total Calculus I and and II and Complet earn a total centals of Physics aboratory in Physmust earn a total centals of Chemist | II, Linear ex Analysis. of 8 credits a I and II and sics. of 4 credits | |
| | Method of Completion | | Total | at least 47 | | | |
| D. | equired Number | | | at least 135 | | | |
| Ne | equitied Nullibel | OI OI CUIIS | | ui ieusi 130 | , J CIEUIIS | | |

| 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.

(For AY 2024 Enrollees)

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

| (1) Credits Required for Graduation | | | | | | cam | |
|-------------------------------------|---|---|--|-----------------------------------|---|---|--|
| | | Automotive Engineering Program _Department of Electrical Engineering, | | | | | |
| Course Category | | | Electronics, and Intormation Engineering | | | | ineering |
| | | Compulsory Courses | | Compulsory Elective Courses | Elective Courses | Total | |
| | Basic Specialized Courses | | | | | | |
| | Course Credits | | 36.5 | | | 11 | 47.5 |
| | Required Number of Credits | | 36.5 | | | 6 | 42.5 |
| | Specialized C | ourses | | | | | |
| | Course Credi | Course Credits | | , | | 32 | 48 |
| | Graduation Research | | 10 | | | | 10 |
| | Required Num | ber of Credits | 26 | , | | 17.5 | 43.5 |
| School | Related Speci | alized Courses | | | | | |
| Specialized | Course Credi | ts | | | | 14 | 14 |
| Courses | Required Num | ber of Credits | | | | 4 | 4 |
| 0001 000 | Sub-total | | | | | | |
| | Course Credi | ts | 52.5 | ; | | 57 | 109.5 |
| | Graduation R | | 10 | ···· | | | 10 |
| | Required Num | ber of Credits | 62.5 | ; | | 27.5 | 90 |
| | | | Compulsory C | ours | ses | at least 52.5 | credits |
| | Method | d of Completion | Graduation R | lesec | arch | at least 10 credits | |
| | WETTIOC | a or compression | Elective Courses | | | at least 27.5 | |
| | | | Total Required Num | har | | at least 90 cr | |
| | Course Cat | egory | of Credits | | Со | urse Requireme | nts |
| | Introduction to skills for academic success | | I | | | | |
| | First Year Seminar | | 2 | | | | |
| | Language and Culture | Japanese | 8 | | | | |
| | | Japanese/English/ Second Foreign Languages | 6 | | from one or mo | otal of at leas ore Course Cate refer to IX.(p. | egories. |
| | Health and Sports Sciences | Lecture | 2 | | Í | | |
| | | | | | | | |
| | | Practicum | | | | | |
| | Data Science | Lecture | 1 | | | | |
| Liberal | | Exercise | 1 | | Data Science E taken. | xercise B is r | required to be |
| Arts and Sciences | Global Libera | ıl Arts Courses | ¬ | | . | | |
| Sciences | 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/ | | |
| | Problem/Project Based Learning Seminar | | | | Integration of Arts and Sciences. | | |
| | 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 cm in Fundamentals of Physics I and III and Laboratory in Physics. Chemistry: Must earn a total of 4 in Fundamentals of Chemistry I of | | II, Linear ex Analysis. of 8 credits s I and II and sics. of 4 credits |
| | Method of Completion | | Total | | at least 47 credits | | |
| R | | • | | | at least 137 o | | |
| Required Number of Credits | | | | | ui icusi 13/ (| , | |

| 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 Biological Sciences (School of Agricultural Sciences) Program

| Course Category | | Required Number of Credits | | Course Requirements | | |
|----------------------------------|---|---|-----------|---------------------|--|--|
| | Introduction to skills for | | l crearis | | | |
| | 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 IX.(p.30). | |
| | Health and | Lecture | 2 | | | |
| | Sports Sciences | Practicum | 2 | | | |
| | Data Science | Lecture | I | | | |
| | Data Science | Exercise | I | | Choose from Data Science Exercise A or Data Science Exercise B (Python Course). | |
| | Global Libera | l Arts Courses | - | 1 | | |
| Liberal Arts and Sciences | 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 | | _ | | integration of Arts and Sciences. | |
| | Basic Courses in Natural Sciences | | 20 | | 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 | | 47 | | | |
| 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 subject 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 Elective Courses) Must earn a total of 30 credits or more in courses which starts in second and third year. | |
| | Basic Specialized Courses | | 16 | | mandatory and 8 credits in elective Basic Specialty Subjects. | |
| | Sub-total | | 88 135 | | | |
| | Total | | | | | |

| | (2) Regarded Hamber of Creating 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 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
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