(For AY 2023 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 |  | I |  |
|  | 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 | 0 | Data Science Exercise A can be taken as an Optional Course. |
|  | Global Liberal Arts Courses |  |  |  |
|  | Contemporary Liberal Arts in Natural Sciences and Interdisciplinary/Integration of Arts and Sciences |  | $2] 4$ | 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. |
|  | Basic Courses Social Scienc | in Humanities and es | 8 |  |
|  |  | Sub-total | 40 |  |
| School Specialized Courses | Compulsory Elective Courses |  | 32 | Japan-in-Asia Cultural Studies Program courses only |
|  | Elective Courses |  | 42 | Non-Japan-in-Asia Cultural Studies Program courses al lowed |
|  | Graduation Thesis |  | 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 |
| :---: | :---: | :---: | :---: |
| Liberal Arts and Sciences | Introduction to skills for academic success | I |  |
|  | First Year Seminar | 2 |  |
|  | Japanese | 10 |  |
|  | Language and <br> CultureJapanese/English/ <br> Second Foreign <br> 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 Lecture | I |  |
|  | Global Liberal Arts Courses |  |  |
|  | 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 | 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.
(1) Credits Required for Graduation

(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

(I) Credits Required for Graduation

| Course Category |  |  | Required Number of Credits | Course Requirements |
| :---: | :---: | :---: | :---: | :---: |
| Liberal Arts and Sciences | Introduction to skills for academic success |  | I |  |
|  | 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 Ist language). <br> For details, refer to IX. (p.30). |
|  | Health and Sports Sciences | Lecture | 2 |  |
|  |  | Practicum | 2 |  |
|  | Data Science | Lecture | I |  |
|  |  | Exercise | 1 | Data Science Exercise A is required to be taken. |
|  | Global Liberal Arts Courses |  |  |  |
|  | 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. |
|  | Basic Courses Social Scienc | in Humanities and es | 8 |  |
|  |  | Sub-total | 41 |  |
| School Specialized Courses | Basic Specialized Courses |  | 28 |  |
|  | Specialized Courses (Compulsory) |  | $8$ |  |
|  | Specialized Courses (Compulsory Electives) |  | $\overline{24 \sim}]_{48} 56$ |  |
|  | Related Specialized Courses |  | $0 \sim$ ] ${ }^{\text {d8 }}$ |  |
|  |  | 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.
(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 | I | Data Science Exercise B is required to be taken. |
|  | Global Liberal Arts Courses |  |  |  |
|  | Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences |  | $2] 4$ | Must earn a total of at least 4 credits, including 2 credits in Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/ Integration of Arts and Sciences. |
|  | 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. <br> 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 |  |
| School Specialized Courses | Specialized Courses |  | $61 \sim 51$ |  |
|  | Related Specialized Courses |  | 0 |  |
|  | Basic Specialized Courses |  | $\begin{array}{r} 22.5 \sim \\ 32.5 \end{array}$ |  |
|  |  | Sub-total | 83.5 |  |
| Total |  |  | 130.5 |  |

(2) Required number of credits for advancement

| Decision for advancement to the next year | Course Categor ies and Required Number of Credits | Students unable to advance to the next year |
| :---: | :---: | :---: |
| At the end of the first year | Must have earned at leas $\dagger$ 20 credits by the end of the first year. | (1) Remain in the first year. <br> (2) Must take no longer than 5 years to complete their first year. <br> [Duration of enrollment (8 years)] minus [second to fourth years (3 years)] <br> (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.
(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 | Data Science Exercise B is required to be taken. |
|  | Global Liberal Arts Courses |  |  |  |
|  | Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences |  | $2] 4$ | Must earn a total of at least 4 credits, including 2 credits in Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/ Integration of Arts and Sciences. |
|  | 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 |  |
| School <br> Specialized <br> Courses | Specialized Courses |  | 40~44 |  |
|  | Related Specialized Courses |  | 0 |  |
|  | Basic Specialized Courses |  | 44~40 |  |
|  |  | Sub-total | 84 |  |
| Total |  |  | 131 |  |

(2) Required number of credits for advancement

| Decision for advancement |
| :--- |
| to the next year |$|$

Course Categor ies and Required Number of Credits

Must have earned at least 20 credits by the end of the first year.

Students unable to advance to the next 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.
(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 | Data Science Exercise B is required to be taken. |
|  | Global Liberal Arts Courses |  |  |  |
|  | Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/Integration of Arts and Sciences |  | $2] 4$ | Must earn a total of at least 4 credits, including 2 credits in Contemporary Liberal Arts in Humanities and Social Sciences and Interdisciplinary/ Integration of Arts and Sciences. |
|  | 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 |  |
| School Specialized Courses | Specialized Courses |  | 60 |  |
|  | Related Specialized Courses |  | 0 |  |
|  | Basic Specialized Courses |  | 28 |  |
|  |  | Sub-total | 88 |  |
| Total |  |  | 133 |  |

(2) Required number of credits for advancement

| Decision for advancement <br> to the next year |
| :--- |
|  |
| At the end of the first |
| year |

Course Categor ies and Required Number of Credits

Must have earned at leas $\dagger$ 20 credits by the end of the first year.

Students unable to advance to the next 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.
(I) Credits Required for Graduation

| Course Category |  |  | Chemistry Program |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Department of Chemistry and Biotechnology |  |  |  |
|  |  |  | Compulsory Courses | $\begin{aligned} & \text { Compulsory } \\ & \text { Elective } \\ & \text { Courses } \\ & \hline \end{aligned}$ | Elective Courses | Total |
| School <br> Specialized <br> 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 |  |  |  | 6 | 6 |
|  | Required Number of Credits |  |  |  | 2 | 2 |
|  | Sub-total |  |  |  |  |  |
|  | Course Credits |  | 36 |  | 58 | 94 |
|  | 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 Numb of Credits | Course Requirements |  |  |
| Liberal Arts and Sciences | Introduction to skills for academic success |  | 1 |  |  |  |
|  | First Year Seminar |  | 2 |  |  |  |
|  | Language and Culture | Japanese | 6 |  |  |  |
|  |  | 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 Sports Sciences | Lecture | 2 |  |  |  |
|  |  | Practicum |  |  |  |  |
|  | Data Science | Lecture | 1 |  |  |  |
|  |  | Exercise | \| | Data Science Exercise B is required to be taken. |  |  |
|  | Global Liberal Arts Courses |  | 2 | 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 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. <br> Physics: Must earn a total of 8 credits in Fundamentals of Physics I and II and III and Laboratory in Physics. <br> Chemistry: Must earn a total of 6 credits in Fundamentals of Chemistry I and II and Laboratory in Chemistry. <br> Biology: Must earn a total of 4 credits in Fundamentals of Biology I and II. |  |  |
|  | Method of Completion |  | Total at least 5l credits |  |  |  |
| Required Number of Credits |  |  | at least 133 credits |  |  |  |

(2) Required number of credits for advancement

| Decision for advancement to the next year | Course Category | Required Number of Credits | Conditions etc. |
| :---: | :---: | :---: | :---: |
| At completion of second year | 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. <br> ※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. <br> 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 Graduation

|  |  |  |  | motive | ring Pr |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Course Cat | egory | Depar |  | cal and ing |  |
|  |  |  | Compulsory Courses | Compulsory Elective Courses | Elective Courses | Total |
|  | Basic Special | ized Courses |  |  |  |  |
|  | Course Credi |  | 34.5 |  | 11 | 45.5 |
|  | Required Numb | ber of Credits | 34.5 |  | 6 | 40.5 |
|  | Specialized Cour | ourses |  |  |  |  |
|  | Course Credi |  | 11 |  | 38 | 49 |
|  | Graduation R | esearch | 10 |  |  | 10 |
|  | Required Numb | ber of Credits | 21 |  | 22 | 43 |
|  | Related Specia | alized Courses |  |  |  |  |
| School | Course Credi |  |  |  | 10 | 10 |
| Specialized | Required Numb | ber of Credits |  |  | 5 | 5 |
|  | Sub-total |  |  |  |  |  |
|  | Course Credi |  | 45.5 |  | 59 | 104.5 |
|  | Graduation R | esearch | 10 |  |  | 10 |
|  | Required Num | ber of Credits | 55.5 |  | 33 | 88.5 |
|  |  |  | Compulsory Co | ses | least 45.5 |  |
|  | Method | of Completion | Graduation Re | arch | least 10 |  |
|  | Method | of Completion | Elective Cour | s | least 33 |  |
|  |  |  | Total |  | least 88.5 |  |
|  | Course Ca | gory | Requi red Numb of Credits |  | se Requir |  |
|  | Introduction academic succ | to skills for ess | I |  |  |  |
|  | First Year Se | minar | 2 |  |  |  |
|  |  | Japanese | 8 |  |  |  |
|  | Language and Culture | Japanese/ English/ Second Foreign Languages | 6 | Must earn from one For detai | al of at Course C fer to IX. | credits es. |
|  | Health and | Lecture | 2 |  |  |  |
|  | Sciences | Practicum | 2 |  |  |  |
|  |  | Lecture | 1 |  |  |  |
|  | Data Science | Exercise | 1 | Data Scie taken. | ercise B i | red to be |
| Liberal Arts and | Global Libera | Arts Courses |  |  |  |  |
|  | Contemporary Humanities and and Interdisc of Arts and S Problem/Proje Seminar | Liberal Arts in <br> d Social Sciences <br> iplinary/Integration <br> ciences <br> t Based Learning | $2$ | Must earn including Liberal Ar Sciences Integrati | al of at I dits in Con Humanitie terdiscipl Arts and S | credits, ary ocial |
|  | Basic Courses | in Natural Sciences | 22 | Mathemati credits Algebra Physics: in Funda III and Chemistry in Fund | t earn a to lculus I and II and Comp arn a total Is of Physi atory in Phy earn a tota ls of Chemi | f 10 Linear nalysis. credits and II and <br> 4 credits and II. |
|  | Method | of Completion | Total | at least 47 | dits |  |
|  | quired Number | of Credits |  | at least 1 | 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 | I. Common Basic Courses Must earn a total of at least 12 "Language and Culture" credits from Japanese, English or Second Foreign Languages. <br> ※Please note that If you choose Second Foreign Languages for Compulsory Elective (Japanese/ English/ Second Foreign Languages) credits, you mus $\dagger$ obtain at least 4 credits in each language from German, French, Russian, Chinese, Spanish, or Korean for graduation. <br> 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
(I) Credits Required for Graduation

| Course Category |  |  | Department of Electrical. Engineering, Electronics, and Information Engineering |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Compulsory Courses | Compulsory Elective Courses | Elective Courses | Total |
| School <br> Specialized <br> Courses | Basic Specialized Courses |  |  |  |  |  |
|  | Course Credits |  | 36.5 |  | 11 | 47.5 |
|  | Required Number of Credits |  | 36.5 |  | 6 | 42.5 |
|  | 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 |  |  |  | 10 | 10 |
|  | Required Number of Credits |  |  |  | 4 | 4 |
|  | Sub-total |  |  |  |  |  |
|  | Course Credits |  | 52.5 |  | 53 | 105.5 |
|  | Graduation Research |  | 10 |  |  | 10 |
|  | Required Number of Credits |  | 62.5 |  | 27.5 | 90 |
|  | Method of Completion |  | Compulsory Courses at least 52.5 credits |  |  |  |
|  |  |  | Graduation Research |  | at least 10 credits |  |
|  |  |  | Elective Courses |  | at least 27.5 credits |  |
|  |  |  | Total |  | least 90 cros |  |
|  | Course Category |  | Required Number of Credits | Course Requirements |  |  |
| Liberal Arts and Sciences | Introduction to skills for academic success |  | I |  |  |  |
|  | First Year Seminar |  | 2 |  |  |  |
|  | Language and Culture | Japanese | 8 |  |  |  |
|  |  | Japanese/ Engl ish/ 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 | I |  |  |  |
|  |  | Exercise | I | Data Science Exercise B is required to be taken. |  |  |
|  | Global Liberal Arts Courses |  | 2 | 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 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. <br> Chemistry: Must earn a total of 4 credits in Fundamentals of Chemistry I and II. |  |  |
|  | Method of Completion |  | Total at least 47 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 | I. Common Basic Courses Must earn a total of at least 12 "Language and Culture" credits from Japanese, English or Second Foreign Languages. <br> ※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. <br> 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.
(I) Credits Required for Graduation

| Course Category |  |  | Required Number of Credits | Course Requirements |
| :---: | :---: | :---: | :---: | :---: |
| Liberal Arts and Sciences | Introduction to skills for academic success |  | I |  |
|  | 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 Categor ies. For details, refer to IX. (p. 30). |
|  | Health and Sports Sciences | Lecture | 2 |  |
|  |  | Practicum | 2 |  |
|  | Data Science | Lecture | I |  |
|  |  | Exercise | 1 | Choose from Data Science Exercise A or Data Science Exercise B (Python Course). |
|  | Global Liberal Arts Courses |  | $\begin{array}{l\|l} 2 & 4 \end{array}$ | 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 |  |  |  |
|  | 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 Analys is, 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 <br> 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. <br> (Compulsory Courses) <br> (3Bioagricultural Science Course: Genetics I, II(2), Physiology and Developmental Biology(2), Biochemistry III(2), Cell Biology III(2) + Agricultural Sciences School: <br> Bioagricultural Science Laboratory I and II(10), + Introductory Seminar on the Major(2) + Graduation Research in Bioscience (20) (Compulsory Elective Courses) Must earn a total of 30 credits or more in courses which starts in second and third year. |
|  | Basic Speciali | ized Courses | 16 | Must earn at least 8 credits or more in mandatory and 8 credits in elective Basic Specialty Subjects. |
|  |  | Sub-total | 88 |  |
| Total |  |  | 135 |  |

(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. <br> However, 41 or more Liberal Arts and Sciences course credits are included among the 70 credits. | (1) Staying in second year <br> (2) Students must take no longer than 6 years to complete their second year. <br> [Duration of enrollment (8 years) - third to fourth year (2 years)] <br> (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 IIO 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 <br> (2) Students must take no longer than 7 years to complete their third year. <br> [Duration of enrol Iment (8 years): fourth year (I years)] <br> (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 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 details.

