Years required for completion of course of study: 4 year (Faculty of medicine, School of Medicine: 6 years)

Applicable to students enrolled in academic year 2014 See details in the Student Handbook of each
faculty/school.

|  |  | Required | Required Elective | Elective | Optional | Total Number of Credits | Thesis, etc. | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Faculty of Letters |  |  |  |  |  |  |  |  |
| Department of Humanities | Liberal Education | 11 | 29 |  |  | 40 |  |  |
|  | Specialized Education | 10 | 52 |  | 30 | 92 | $\checkmark$ |  |
|  | Total | 21 | 81 |  | 30 | 132 |  |  |
| Faculty of Intercultural Studies |  |  |  |  |  |  |  |  |
| Department of Intercultural Studies | Liberal Education | 6 | 20 |  | 16 | 26-42 |  | Required credits in optional subjects can be taken from both liberal education and specialized education subjects. |
|  | Specialized Education | 20 | 24 | 50 |  | 94-110 | $\checkmark$ |  |
|  | Total | 26 | 44 | 50 | 16 | 136 |  |  |
| Faculty of Human Development |  |  |  |  |  |  |  |  |
| Department of Human Development and Education |  |  |  |  |  |  |  |  |
| Developmental Psychology Course | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Specialized Education | 40 | 44 |  | 10 | 94 | $\checkmark$ |  |
|  | Total | 52 | 62 |  | 10 | 124 |  |  |
| Child Development Course | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Specialized Education | 52 | 32 |  | 10 | 94 | $\checkmark$ |  |
|  | Total | 64 | 50 |  | 10 | 124 |  |  |
| Educational Science Course | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Spe----------------------1ized | 50 | 34 |  | 10 | 94 | $\checkmark$ |  |
|  | Total | 62 | 52 |  | 10 | 124 |  |  |
| Elementary <br> Education Course | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Specialized Education | 38 | 46 |  | 10 | 94 | $\checkmark$ |  |
|  | Total | 50 | 64 |  | 10 | 124 |  |  |
| Course for Human \& Community Development Support | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Specialized Education | 28 | 26 |  | 40 | 94 | $\checkmark$ |  |
|  | Total | 40 | 44 |  | 40 | 124 |  |  |
| Department of Human Behavior |  |  |  |  |  |  |  |  |
| Health Promotion and Education Course | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Specialized Education | 20 | 48 |  | 26 | 94 | $\checkmark$ |  |
|  | Total | 32 | 66 |  | 26 | 124 |  |  |
| Behavioral Development Course | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Specialized Education | 22 | 46 |  | 26 | 94 | $\checkmark$ |  |
|  | Total | 34 | 64 |  | 26 | 124 |  |  |
| Sports Sciences Course | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Spe---------alized Educato---- | 18 | 50 |  | 26 | 94 | $\checkmark$ |  |
|  | Total | 30 | 68 |  | 26 | 124 |  |  |
| Course for Human <br> \& Community <br> Development <br> Support | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Specialized Education | 22 | 26 |  | 46 | 94 | $\checkmark$ |  |
|  | Total | 34 | 44 |  | 46 | 124 |  |  |
| Department of Human Expression |  |  |  |  |  |  |  |  |
| Expressive <br> Culture Course | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Specialized Education | 32 | 46 |  | 16 | 94 | $\checkmark$ |  |
|  | Total | 44 | 64 |  | 16 | 124 |  |  |
| ExpressionCreation Course | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Specialized Education | 30 | 48 |  | 16 | 94 | $\checkmark$ |  |
|  | Total | 42 | 66 |  | 16 | 124 |  |  |
| Clinical KANSEI- <br> Expression Course | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Specialized Education | 34 | 44 |  | 16 | 94 | $\checkmark$ |  |
|  | Total | 46 | 62 |  | 16 | 124 |  |  |
| Course for Human <br> \& Community <br> Development <br> Support | Liberal Education | 12 | 18 |  |  | 30 |  |  |
|  | Specialized Education | 22 | 20 |  | 52 | 94 | $\checkmark$ |  |
|  | Total | 34 | 38 |  | 52 | 124 |  |  |
| Department of Human Environmental Science |  |  |  |  |  |  |  |  |
| Natural Environmental Science Course | Liberal Education | 12 | 14 |  |  | 26 |  |  |
|  | Specialized Education | 20 | 62 |  | 16 | 98 | $\checkmark$ |  |
|  | Total | 32 | 76 |  | 16 | 124 | , |  |
| Mathematics and Informatics Course | Liberal Education | 12 | 14 |  |  | 26 |  |  |
|  | Specialized Educatio---------------------- | 24 | 58 |  | 16 | 98 | $\checkmark$ |  |
|  | Total | 36 | 72 |  | 16 | 124 |  |  |
| Living Environment Course | Liberal Education | 12 | 14 |  |  | 26 |  |  |
|  | Specialized Education | 18 | 58 |  | 22 | 98 | $\checkmark$ |  |
|  | Total | 30 | 72 |  | 22 | 124 |  |  |
| Social Environment Course | Liberal Education | 12 | 14 |  |  | 26 |  |  |
|  | Specialized Education | 14 | 62 |  | 22 | 98 | $\checkmark$ |  |
|  | Total | 26 | 76 |  | 22 | 124 | , |  |
| Course for Human <br> \& Community <br> Development <br> Support | Liberal Education | 12 | 14 |  |  | 26 |  |  |
|  | Specialized Education | 18 | 32 |  | 48 | 98 | $\checkmark$ |  |
|  | Total | 30 | 46 |  | 48 | 124 |  |  |


| Faculty of Law |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Department of Law |  |  |  |  |  |  |  |  |
| Legal Studies Course | Liberal Education | 9 | 22 |  |  | 31 |  |  |
|  | Specialized Education |  | 60 |  | 36 | 96 | $\checkmark$ |  |
|  | Total | 9 | 82 |  | 36 | 127 | , |  |
| BusinessGovernment Course | Liberal Education | 9 | 22 |  |  | 31 |  |  |
|  | Specialized Education |  | 56 |  | 40 | 96 | $\checkmark$ |  |
|  | Total | 9 | 78 |  | 40 | 127 | , |  |
| Political ScienceInternational Studies Course | Liberal Education | 9 | 22 |  |  | 31 |  |  |
|  | Specialized Education |  | 44 |  | 52 | 96 | $\checkmark$ |  |
|  | Total | 9 | 66 |  | 52 | 127 |  |  |
| Faculty of Economics |  |  |  |  |  |  |  |  |
| Department of Economics | Liberal Education | 13 | 30 |  |  | 43 |  |  |
|  | Specialized Education | 18 | 68 |  |  | 86 | $\checkmark$ | When Seminar on Research is taken |
|  |  | 18 | 76 |  |  | 94 | $\checkmark$ | When Seminar on Research is not taken |
|  | Total | 31 | 98 |  |  | 129 |  | When Seminar on Research is taken |
|  |  | 31 | 106 |  |  | 137 | , | When Seminar on Research is not taken |
| School of Business Administration |  |  |  |  |  |  |  |  |
| Department of Business Administration | Liberal Education | 12 | 30 |  |  | 42 | - |  |
|  | Specialized Education | 14 | 70 |  |  | 84 | $\checkmark$ |  |
|  |  | 14 | 78 |  |  | 92 | $\checkmark$ | When Seminar on Research is not taken |
|  | Total | 26 | 100 |  |  | 126 |  | When Seminar on Research is taken |
|  |  | 26 | 108 |  |  | 134 | - | When Seminar on Research is not taken |
| Faculty of Science |  |  |  |  |  |  |  |  |
| Department of Mathematics | Liberal Education | 8 | 20 | 0-7 |  | 28-35 |  | * Thesis examination consists of a review of the |
|  | Specialized Education | 22 | 60-74 |  | 0-7 | 89-96 | $\checkmark$ | results of a study during the Seminar in Mathematics and an oral examination See the |
|  | Total | 30 | 80-94 | 0-7 | 0-7 | 124 |  | details in the Student Handbook. |
| Department of Physics | Liberal Education | 8 | 20 | 0-7 |  | 28-35 |  | * Thesis examination consists of a review of the |
|  | Specialized Education | 15 | 65-81 |  | --9 | 89-96 | $\checkmark$ | results of a study during the Special Research and an oral examination. See the details in the Student |
|  | Total | 23 | 85-101 | 0-7 | 0-9 | 124 |  | Handbook. |
| Department of Chemistry | Liberal Education | 8 | 20 | 0-7 |  | 28-35 |  | *Thesis examination consists of a review of the |
|  | Specialized Education | 57 | 25-39 |  | 0-7 | 89-96 | $\checkmark$ | results of a study during the Special Research and an oral examination. See the details in the Student |
|  | Total | 65 | 45-59 | 0-7 | 0-7 | 124 |  | Handbook. |
| Department of Biology | Liberal Education | 8 | 20 | 0-7 |  | 28-35 |  | * Thesis examination consists of a review of the |
|  | Specialized Education | 32 | 49-64 |  | 0-8 | 89-96 | $\checkmark$ | results of a study during the Special Research and an oral examination. See the details in the Student |
|  | Total | 40 | 69-84 | 0-7 | 0-8 | 124 | - | Handbook. |
| Department of Earth and Planetary Sciences | Liberal Education | 10 | 21-23 | 0-2 |  | 31-35 |  | *Thesis examination consists of a review of the |
|  | Specialized Education | 7 | 59-63 |  | 23 | 89-93 | $\checkmark$ | results of a study during the Special Research and an oral examination. See the details in the Student |
|  | Total | 17 | 82-84 | 0-2 | 23 | 124 | - | Handbook. |
| School of Medicine |  |  |  |  |  |  |  |  |
| Faculty of Medicine | Liberal Education | 5 | 16 |  |  | 21 |  | A graduation examination must be passed. |
|  | Specialized Education | 161 | 14 |  |  | 175 | $\checkmark$ |  |
|  | Total | 166 | 30 |  |  | 196 | - |  |
| Faculty of Health Sciences |  |  |  |  |  |  |  |  |
| Clinical \& Health Nurse Course, Nursing Major | Liberal Education | 6 | 16 |  |  | 22 |  |  |
|  | Specialized Education | 94 | 11 |  |  | 105 | $\checkmark$ |  |
|  | Total | 100 | 27 |  |  | 127 | , |  |
| Medical Technology Major | Liberal Education | 6 | 18 |  |  | 24 |  |  |
|  | Specialized Education | 89 | 13 |  |  | 102 | $\checkmark$ |  |
|  | Total | 95 | 31 |  |  | 126 |  |  |
| Physical Therapy Major | Liberal Education | 6 | 18 |  |  | 24 |  |  |
|  | Specialized Education | 85 | 16 |  |  | 101 | $\checkmark$ |  |
|  | Total | 91 | 34 |  |  | 125 | , |  |
| Occupational Therapy Major | Liberal Education | 6 | 18 |  |  | 24 | , |  |
|  | Specialized Education | 92 | 9 |  |  | 101 | $\checkmark$ |  |
|  | Total | 98 | 27 |  |  | 125 | $\bigcirc$ |  |

Graduation／Completion Criteria（Required Number of Credits）

| Faculty of Engineering |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Department of Architecture | Liberal Education | 8 | 20 |  |  | 28 |  |  |
|  | Specialized Education | 47 | 54 ＊ |  |  | 101 | $\checkmark$ | ＊More than 15 out of 54 credits must be taken from required elective subjects． |
|  | Total | 55 | 74 |  |  | 129 | ， |  |
| Department of Civil Engineering | Liberal Education | 8 | 20 |  |  | 28 | ， |  |
|  | Specialized Education | 41 | 57 ＊ |  |  | 98 | $\checkmark$ | ＊More than 55 out of 57 credits must be taken from required elective subjects． |
|  | Total | 49 | 77 |  |  | 126 | － |  |
| Department of <br> Electrical and <br> Electronic <br> Engineering | Liberal Education | 8 | 20 |  |  | 28 | ， |  |
|  | Specialized Education | 26 | 74 ＊ |  |  | 100 | $\checkmark$ | ＊More than 18 out of 74 credits must be taken from required elective subjects． |
|  | Total | 34 | 94 |  |  | 128 | ， |  |
| Department of Mechanical Engineering | Liberal Education | 8 | 20 |  |  | 28 |  |  |
|  | Specialized Education | 58 |  | 41 |  | 99 | $\checkmark$ |  |
|  | Total | 66 | 20 | 41 |  | 127 |  |  |
| Department of Chemical Science and Engineering | Liberal Education | 8 | 20 |  |  | 28 |  |  |
|  | Specialized Education | 66 | 31 ＊ |  |  | 97 | $\checkmark$ | ＊More than 24 out of 31 credits must be taken from required elective subjects． |
|  | Total | 74 | 51 |  |  | 125 | ， |  |
| Department of Computer Science and Systems Engineering | Liberal Education | 8 | 20 |  |  | 28 |  |  |
|  | Specialized Education | 44 | 52 ＊ |  |  | 96 | $\checkmark$ | ＊More than 48 out of 52 credits must be taken from required elective subjects． |
|  | Total | 52 | 72 |  |  | 124 | ， |  |
| Faculty of Agriculture |  |  |  |  |  |  |  |  |
| Department of Agricultural Engineering and Economics |  |  |  |  |  |  |  |  |
| Division of Agricultural Engineering | Liberal Education | 28 |  |  |  | 28 |  |  |
|  | Specialized Education | 64 or 50 |  | 38 or 47 | 0又は5 | 102 | $\checkmark$ |  |
|  | Total | 92 or 78 |  | 38 or 47 | 0又は5 | 130 | － |  |
| Division of Food and <br> Environmental <br> Economics | Liberal Education | 28 |  |  |  | 28 |  |  |
|  | Specialized Education | 45 |  | 50 | 7 | 102 | $\checkmark$ |  |
|  | Total | 73 |  | 50 | 7 | 130 | ， |  |
| Department of Bioresource Science |  |  |  |  |  |  |  |  |
| Division of Animal Science | Liberal Education | 28 |  |  |  | 28 |  |  |
|  | Specialized Education | 45 |  | 48 | 10 | 103 | $\checkmark$ |  |
|  | Total | 73 |  | 48 | 10 | 131 |  |  |
| Division of Plant Science | Liberal Education | 28 |  |  |  | 28 |  |  |
|  |  | 39 |  | 60 | 4 | 103 | $\checkmark$ |  |
|  | Total | 67 |  | 60 | 4 | 131 | ， |  |
| Department of Agrobioscience |  |  |  |  |  |  |  |  |
| Division of Applied Chemistry in Bioscience | Liberal Education | 28 |  |  |  | 28 |  |  |
|  | Specialized Education | 60 |  | 45 |  | 105 | $\checkmark$ |  |
|  | Total | 88 |  | 45 |  | 133 |  |  |
| Division of Agroenvironmenta I Biology | Liberal Education | 28 |  |  |  | 28 |  |  |
|  | Specialized Education | 56 |  | 44 | 5 | 105 | $\checkmark$ |  |
|  | Total | 84 |  | 44 | 5 | 133 | ， |  |
| Faculty of Maritime Sciences |  |  |  |  |  |  |  |  |
| Department of Global Transportation Sciences |  |  |  |  |  |  |  |  |
| Nautical Science Course | Liberal Education | 9 | 22 |  | 10 | $31 \sim 41$ |  |  |
|  | Specialized Education | 54 |  | 35 |  | 89～99 | $\checkmark$ |  |
|  | Total | 63 | 22 | 35 | 10 | 130 |  |  |
| Logistics Course | Liberal Education | 9 | 22 |  | 11 | 31～42 | ， |  |
|  | Specialized Education | 39 |  | 49 |  | 88～99 | $\checkmark$ |  |
|  | Total | 48 | 22 | 49 | 11 | 130 | － |  |
| Department of Ocean Safety Systems Science | Liberal Education | 9 | 22 |  | 15 | 31～46 |  |  |
|  | Specialized Education | 27 |  | 57 |  | 84～99 | $\checkmark$ |  |
|  | Total | 36 | 22 | 57 | 15 | 130 | ， |  |
| Department of Marine Engineering |  |  |  |  |  |  |  |  |
| Ship Management Course | Liberal Education | 9 | 22 |  | 20 | 31～51 |  |  |
|  | －－－－－－a－ialized Education | 25 |  | 54 |  | 79～99 | $\checkmark$ |  |
|  | Total | 34 | 22 | 54 | 20 | 130 |  |  |
| Mechatronics Course | Liberal Education | 9 | 22 |  | 20 | 31～51 | ， |  |
|  | －－－－－－acialized Education | 25 |  | 54 |  | －79～99 | $\checkmark$ |  |
|  | Total | 34 | 22 | 54 |  | 130 | －－－ |  |

## - Master's Program

Years required for completion of course of study: 2 years
Applicable to students enrolled in academic year 2014

* See details in the Student Handbook of each graduate school.


* Applicable to students enrolled in academic year 2014
* See details in the Student Handbook of each
graduate school

|  |  | Required | Required Elective | Elective | Optional | Total Number of Credits | Thesis, etc. | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Graduate School of Humanities |  |  |  |  |  |  |  |  |
| Department of Human Cultural Studies |  | 8 | 2 |  |  | 10 | $\checkmark$ |  |
| Department of Human Social Dynamics |  | 8 | 2 |  |  | 10 | $\checkmark$ |  |
| Graduate School of Intercultural Studies |  |  |  |  |  |  |  |  |
| Department of Cultural Interaction, Department of Culture and Globalization |  |  |  |  |  |  |  |  |
| Coursework Track |  | 10 |  | 4 |  | 14 | $\checkmark$ |  |
| Project Track |  | 10 |  | 4 |  | 14 | $\checkmark$ |  |
| Graduate School of Human Development and Environment |  |  |  |  |  |  |  |  |
| Department of Human Development |  | 10 |  | 4 |  | 14 | $\checkmark$ |  |
| Department of Human Environmental Science |  | 10 |  | 4 |  | 14 | $\checkmark$ |  |
| Graduate School of Law |  |  |  |  |  |  |  |  |
| Department of Academic Legal Studies, Department of Political Science |  |  |  |  |  |  |  |  |
| Academic Program |  | 16 | 4 |  |  | 20 | $\checkmark$ |  |
| Advanced Professional Expert Program |  | 16 | 4 |  |  | 20 | $\checkmark$ |  |
| Graduate School of Economics |  |  |  |  |  |  |  |  |
| Department of Economics |  | 8 |  |  |  | 8 | $\checkmark$ |  |
| Graduate School of Business Administration |  |  |  |  |  |  |  |  |
| Department of Business Administration |  | 10 |  |  |  | 10 | $\checkmark$ |  |
| Graduate School of Science |  |  |  |  |  |  |  |  |
| Department of Mathematics |  | 4 | 2 | 4 |  | 10 | $\checkmark$ |  |
| Department of Physics |  | 4 | 2 | 4 |  | 10 | $\checkmark$ |  |
| Department of Chemistry |  | 4 | 2 | 4 |  | 10 | $\checkmark$ |  |
| Department of Biology |  | 4 | 2 | 4 |  | 10 | $\checkmark$ |  |
| Department of Earth and Planetary Sciences |  | 4 | 2 | 4 |  | 10 | $\checkmark$ |  |
| Graduate School of Medicine |  |  |  |  |  |  |  |  |
| Department of Medical Sciences |  |  |  |  |  |  |  |  |
| Researcher Program | Single Major | 13 | 17 |  |  | 30 | $\checkmark$ |  |
|  | Double Major | 13 | 17 |  |  | 30 | $\checkmark$ |  |
| Medical Professional Program |  | 15 | 15 |  |  | 30 | $\checkmark$ |  |
| International Program in Medical Science |  | 13 | 17 |  |  | 30 | $\checkmark$ |  |
| Training course for Radiation Oncologist and Medical Physicist |  | 16 | 14 |  |  | 30 | $\checkmark$ |  |
| Training course for Medical Oncologist |  | 16 | 14 |  |  | 30 | $\checkmark$ |  |
| Training course for Palliative Medicine |  | 16 | 14 |  |  | 30 | $\checkmark$ |  |
| Training course for Oncology Pharmacist |  | 16 | 14 |  |  | 30 | $\checkmark$ |  |
| Training course for Cancer Researcher |  | 17 | 13 |  |  | 30 | $\checkmark$ |  |
| Special Course Clinician-Scientists Linked with Partner Hospitals |  | 15 | 15 |  |  | 30 | $\checkmark$ |  |
| Graduate School of Health Sciences |  |  |  |  |  |  |  |  |
| Department of Nursing |  | 4 | 8 |  |  | 12 | $\checkmark$ |  |
| Department of Biophysics |  | 4 | 8 |  |  | 12 | $\checkmark$ |  |
| Department of Rehabilitation Science |  | 4 | 8 |  |  | 12 | $\checkmark$ |  |
| Department of Community Health Sciences |  | 4 | 8 |  |  | 12 | $\checkmark$ |  |
| Department of International Health |  | 4 | 8 |  |  | 12 | $\checkmark$ |  |
| Graduate School of Engineering |  |  |  |  |  |  |  |  |
| Department of Architecture |  | 6 |  | 4 |  | 10 | $\checkmark$ |  |
| Department of Civil Engineering |  | 6 |  | 4 |  | 10 | $\checkmark$ |  |
| Department of Electrical and Electronic Engineering |  | 6 |  | 4 |  | 10 | $\checkmark$ |  |
| Department of Mechanical Engineering |  | 6 |  | 4 |  | 10 | $\checkmark$ |  |
| Department of Chemical Science and Engineering |  | 6 |  | 4 |  | 10 | $\checkmark$ |  |
| Graduate School of System Informatics |  |  |  |  |  |  |  |  |
| Department of Systems Science |  | 6 |  | 4 |  | 10 | $\checkmark$ |  |
| Department of Information Science |  | 6 |  | 4 |  | 10 | $\checkmark$ |  |
| Department of Computational Science |  |  |  |  |  |  |  |  |
| General Course |  | 6 |  | 4 |  | 10 | $\checkmark$ |  |
| Intensive Course |  | 6 |  | 4 |  | 10 | $\checkmark$ |  |



## - Professional Degree Programs

* Applicable to students enrolled in academic year 2014 * See details in the Student Handbook of each graduate school

|  | Required | Required <br> Elective | Elective | Remarks | Total <br> Opmber <br> of Credits | Thesis, <br> etc. |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| Graduate School of Law |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Department of Professional Legal Education | 68 | 26 |  | 4 | 98 | $\checkmark$ | Years required for completion of course of study: 2 or 3 years |
| Graduate School of Business Administration |  |  |  |  |  |  |  |
| Department of Management Theory in <br> Practice (MTP) | 12 | 22 |  |  | 34 | $\checkmark$ | Years required for completion of course of study: 1.5 or 2 <br> years |

