| Faculty/Department |  |  | Number of courses | Number of students | Average class size | Number of courses by class size |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | less than 20 |  |  | 21 to 50 | 51 to 100 | 101 to 200 | more than 201 |
| Faculty of Letters |  |  |  |  |  |  |  |  |  |  |
| Department of Humanities | Lecture | Required/Required Elective |  | 142 | 4,774 | 33.6 | 53 | 59 | 26 | 4 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 212 | 2,393 | 11.3 | 178 | 34 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 10 | 94 | 9.4 | 10 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Faculty of Intercultural Studies |  |  |  |  |  |  |  |  |  |  |
| Department of <br> Intercultural Studies | Lecture | Required/Required Elective | 105 | 6,283 | 59.8 | 18 | 35 | 34 | 16 | 2 |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Eleative | 242 | 1,982 | 8.2 | 224 | 17 |  | 1 |  |
|  |  | Elective/Optional | 61 | 908 | 14.9 | 50 | 10 | 1 |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional | 14 | 84 | 6.0 | 8 | 6 |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 13 | 188 | 14.5 | 9 | 4 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Faculty of Human Development |  |  |  |  |  |  |  |  |  |  |
| Department for Human \& Community Development Support | Lecture | RequiredRequired Elective | 1 | 57 | 57.0 |  |  | 1 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 6 | 49 | 8.2 | 6 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 6 | 12 | 2.0 | 6 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Common Subjects | Lecture | Required/Required Elective | 2 | 303 | 151.5 |  |  |  | 2 |  |
|  |  | Elective/Optional | 1 | 16 | 16.0 | 1 |  |  |  |  |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional | 2 | 20 | 10.0 | 2 |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Eleative |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Courses for Acquisition of Qualification and License | Lecture | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional | 23 | 583 | 25.3 | 15 | 5 | 3 |  |  |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional | 6 | 249 | 41.5 | 4 | 1 |  | 1 |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional | 10 | 434 | 43.4 | 3 | 4 | 3 |  |  |
|  | Dissertation Seminar | Required/Required Eleative |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Human Development and Education | Lecture | Required/Required Eleative | 98 | 6,142 | 62.7 | 19 | 37 | 23 | 14 | 5 |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 32 | 723 | 22.6 | 15 | 17 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 31 | 96 | 3.1 | 31 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Human Behavior | Lecture | Required/Required Elective | 32 | 1,399 | 43.7 | 6 | 11 | 14 | 1 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 32 | 149 | 4.7 | 32 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 8 | 158 | 19.8 | 4 | 4 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 19 | 60 | 3.2 | 19 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |


| Faculty/Department |  |  | Number of courses | Number of students | Average class size | Number of courses by class size |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | less than 20 |  |  | 21 to 50 | 51 to 100 | 101 to 200 | more than 201 |
| Department of Human Expression | Lecture | RequiredRequired Elective |  | 41 | 1,371 | 33.4 | 8 | 29 | 4 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 22 | 554 | 25.2 | 7 | 15 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 2 | 30 | 15.0 | 2 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 14 | 52 | 3.7 | 14 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Human Environmenta I Science | Lecture | Required/Required Elective | 131 | 4,266 | 32.6 | 51 | 58 | 13 | 9 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 36 | 324 | 9.0 | 33 | 3 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 17 | 342 | 20.1 | 8 | 9 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 38 | 112 | 2.9 | 38 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Faculty of Law |  |  |  |  |  |  |  |  |  |  |
| Department of Law | Lecture | Required/Required Elective | 50 | 6,688 | 133.8 | 1 | 6 | 13 | 22 | 8 |
|  |  | Elective/Optional | 48 | 1,181 | 24.6 | 38 | 6 | 1 | 2 | 1 |
|  | Seminar | RequiredRequired Elective | 58 | 915 | 15.8 | 38 | 20 |  |  |  |
|  |  | Elective/Optional | 15 | 262 | 17.5 | 8 | 7 |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Faculty of Economics |  |  |  |  |  |  |  |  |  |  |
| Department of Economics | Lecture | Required/Required Elective | 70 | 12,346 | 176.4 | 21 | 4 | 3 | 11 | 31 |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 32 | 699 | 21.8 | 14 | 18 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 69 | 350 | 5.1 | 69 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| School of Business Administration |  |  |  |  |  |  |  |  |  |  |
| School of Business Administration | Lecture | Required/Required Elective | 79 | 13,530 | 171.3 | 10 | 21 | 5 | 14 | 29 |
|  |  | Elective/Optional | 2 | 256 | 128.0 |  |  |  | 2 |  |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional | 5 | 42 | 8.4 | 5 |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional | 66 | 536 | 8.1 | 66 |  |  |  |  |
| Faculty of Science |  |  |  |  |  |  |  |  |  |  |
| Common Subjects | Lecture | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional | 1 | 3 | 3 | 1 |  |  |  |  |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional | 5 | 94 | 18.8 | 2 | 3 |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Others | RequiredRequired Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |


| Faculty/Department |  |  | Number of courses | Number of students | Average class size | Number of courses by class size |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | less than 20 |  |  | 21 to 50 | 51 to 100 | 101 to 200 | more than 201 |
| Department of Mathematics | Lecture | Required/Required Elective |  |  |  |  | 4 | 32 | 1 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 32 | 32.0 |  | 1 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Physics | Lecture | Required/Required Elective | 25 | 1,251 | 50.0 | 4 | 4 | 17 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | RequiredRequired Elective | 11 | 578 | 52.5 |  | 4 | 7 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | $\begin{array}{\|l} \hline \begin{array}{l} \text { Experiment/ } \\ \text { Training } \end{array} \\ \hline \end{array}$ | Required/Required Elective | 3 | 130 | 43.3 |  | 3 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 2 | 37 | 18.5 | 1 | 1 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Chemistry | Lecture | Required/Required Elective | 28 | 844 | 30.1 | 5 | 23 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 4 | 118 | 29.5 | 1 | 3 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 3 | 108 | 36.0 |  | 3 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | - 1 | 38 | 38.0 |  | 1 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Biology | Lecture | Reauired/Required Elective | 31 | 933 | 30.1 | 3 | 27 | 1 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Reauired/Required Elective | 2 | 50 | 25.0 |  | 2 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 10 | 240 | 24.0 | 1 | 9 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 2 | 64 | 32.0 |  | 2 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Earth and Planetary Sciences | Lecture | Required/Required Elective | 27 | 1,045 | 38.7 | 2 | 23 | 2 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 5 | 171 | 34.2 | 1 | 3 | 1 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 8 | 86 | 10.8 | 8 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 34 | 34.0 |  | 1 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| School of Medicine |  |  |  |  |  |  |  |  |  |  |
| Faculty of Medicine | Lecture | Required/Required Elective | 14 | 1,508 | 107.7 |  |  | 3 | 11 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Eleative |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional | 3 | 15 | 5 | 3 |  |  |  |  |
|  | Dissertation Seminar | Required/Required Eleative |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Lecture/ Training | Required/Required Elective | 8 | 896 | 112.0 |  |  |  | 8 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Others | Required/Required Elective | 15 | 1,669 | 111.3 |  |  |  | 15 |  |
|  |  | Elective/Optional | $\|$1 | 109 | 109.0 |  |  |  | 1 |  |
|  | Others include Early Clinical Exposure, Clinical Medicine Unit 1 to 10, Basic Medicine Laboratory Course, Medical Introductory Course, Self-imposed Practice in Clinical Clerkship or Basic Science,New Medicine Research Course. Actual size of class ranges from 1 to 8 students per class. |  |  |  |  |  |  |  |  |  |


| Faculty/Department |  |  | Number of courses | Number of students | Average class size | Number of courses by class size |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | less than 20 |  |  | 21 to 50 | 51 to 100 | 101 to 200 | more than 201 |
| School of Medicine |  |  |  |  |  |  |  |  |  |  |
| Faculty of Health Sciences | Lecture | Required/Required Elective |  | 192 | 9,223 | 48.0 | 67 | 64 | 48 | 12 | $12 \quad 1$ |
|  |  | Elective/Optional | 1 | 12 | 12.0 | 1 |  |  |  |  |
|  | Seminar | Required/Required Elective | 11 | 699 | 63.5 | 3 | 2 | 5 | 1 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 83 | 2,959 | 35.7 | 38 | 28 | 16 | 1 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 84 | 84 |  |  | 1 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Faculty of Engineering |  |  |  |  |  |  |  |  |  |  |
| Common Subjects | Lecture | RequiredRequired Elective | 7 | 715 | 102.1 |  |  | 3 | 4 | \| |
|  |  | Elective/Optional | 20 | 2,034 | 101.7 | 2 | 1 | 5 | 10 | - 2 |
|  | Seminar | RequiredRequired Elective | 2 | 166 | 83.0 |  |  | 1 | 1 |  |
|  |  | Elective/Optional | 1 | 101 | 101.0 |  |  |  | 1 | , |
| Department of Architecture | Lecture | Required/Required Elective | 15 | 1,544 | 102.9 | 1 |  | 4 | 10 |  |
|  |  | Elective/Optional | 34 | 2,057 | 60.5 | 1 | 13 | 19 | 1 |  |
|  | Seminar | RequiredRequired Elective | 3 | 282 | 94.0 |  |  | 3 |  |  |
|  |  | Elective/Optional | 9 | 335 | 37.2 | 4 | 2 | 3 |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional | 1 | 51 | 51.0 |  |  | 1 |  |  |
|  | Dissertation Seminar | RequiredRequired Elective | 1 | 97 | 97.0 |  |  | 1 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Civil Engineering | Lecture | RequiredRequired Elective | 37 | 2,138 | 57.8 | 2 | 8 | 26 | 1 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 6 | 441 | 73.5 |  |  | 6 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 3 | 160 | 53.3 |  | 1 | 2 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 75 | 75.0 |  |  | 1 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Electrical and Electronic Engineering | Lecture | Required/Required Elective | 14 | 1,516 | 108.3 |  |  | 4 | 10 |  |
|  |  | Elective/Optional | 27 | 1,857 | 68.8 | 4 | 5 | 12 | 6 |  |
|  | Seminar | RequiredRequired Elective | 1 | 108 | 108.0 |  |  |  | 1 |  |
|  |  | Elective/Optional | 4 | 380 | 95.0 |  |  | 3 | 1 |  |
|  | Experiment/ Training | Required/Required Elective | 5 | 385 | 77.0 |  | 1 | 4 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | RequiredRequired Elective | 1 | 85 | 85.0 |  |  | 1 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Mechanical Engineering | Lecture | Required/Required Elective | 16 | 1,296 | 81.0 |  |  | 10 | 6 |  |
|  |  | Elective/Optional | 34 | 1,961 | 57.7 | 1 | 13 | 17 | 3 |  |
|  | Seminar | Required/Required Elective | 2 | 226 | 113.0 |  |  |  | 2 |  |
|  |  | Elective/Optional | 3 | 210 | 70.0 | 1 |  | 1 | 1 | , |
|  | Experiment/ Training | Required/Required Elective | 3 | 217 | 72.3 |  | 1 | 1 | 1 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 102 | 102.0 |  |  |  | 1 | , |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Chemical Science and Engineering | Lecture | Required/Required Elective | 30 | 3,002 | 100.1 | 2 |  | 3 | 25 |  |
|  |  | Elective/Optional | 5 | 54 | 10.8 | 5 |  |  |  |  |
|  | Seminar | Required/Required Elective | 9 | 760 | 84.4 |  | 1 | 3 | 5 | 5 |
|  |  | Elective/Optional | 1 | 10 | 10.0 | 1 |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 4 | 433 | 108.3 |  |  |  | 4 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 110 | 110.0 |  |  |  | 1 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Computer and Systems Engineering | Lecture | Required/Required Elective | 11 | 992 | 90.2 |  | 1 | 5 | 5 | 5 |
|  |  | Elective/Optional | 32 | 3,407 | 106.5 | 1 |  | 7 | 24 |  |
|  | Seminar | Required/Required Elective | 10 | 563 | 56.3 |  |  | 10 |  |  |
|  |  | Elective/Optional | 1 | 107 | 107.0 |  |  |  | 1 |  |
|  | Experiment/ Training | Required/Required Elective | 4 | 218 | 54.5 |  |  | 4 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 107 | 107.0 |  |  |  | 1 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |


| Faculty/Department |  |  | Number of courses | Number of students | Average class size | Number of courses by class size |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | less than 20 |  |  | 21 to 50 | 51 to 100 | 101 to 200 | more than 201 |
| Faculty of Agriculture |  |  |  |  |  |  |  |  |  |  |
| Common Subjects | Lecture | Required/Required Elective |  | 2 | 508 | 254.0 |  |  |  |  | 2 |
|  |  | Elective/Optional | 4 | 130 | 32.5 | 1 | 2 | 1 |  |  |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional | 2 | 13 | 6.5 | 2 |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Agricultural Engineering and Economics | Lecture | Required/Required Elective | 27 | 661 | 24.5 | 13 | 14 |  |  |  |
|  |  | Elective/Optional | 43 | 702 | 16.3 | 34 | 9 |  |  |  |
|  | Seminar | Required/Required Elective | 5 | 74 | 14.8 | 4 | - 1 |  |  |  |
|  |  | Elective/Optional | 6 | 79 | 13.2 | 6 |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 7 | 86 | 12.3 | 7 |  |  |  |  |
|  |  | Elective/Optional | 4 | 51 | 12.8 | 4 |  |  |  |  |
|  | Others | Required/Required Elective | 19 | 36 | 1.9 | 19 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of <br> Bioresource Science | Lecture | Required/Required Elective | 4 | 170 | 42.5 |  | 2 | 2 |  |  |
|  |  | Elective/Optional | 48 | 1,621 | 33.8 | 7 | 32 | 9 |  |  |
|  | Seminar | Required/Required Elective | 5 | 146 | 29.2 |  | 5 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 6 | 176 | 29.3 |  | 6 |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Others | Required/Required Elective | 28 | 59 | 2.1 | 28 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Agrobioscience | Lecture | Required/Required Elective | 18 | 1,228 | 68.2 | 1 | 3 | 12 | 2 |  |
|  |  | Elective/Optional | 42 | 1,523 | 36.3 | 15 | 14 | 12 | 1 |  |
|  | Seminar | Required/Required Elective | 2 | 137 | 68.5 |  | 2 |  |  |  |
|  |  | Elective/Optional | 1 | 1 | 1.0 | 1 |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 7 | 249 | 35.6 |  | 7 |  |  |  |
|  |  | Elective/Optional | 1 | 13 | 13.0 | 1 |  |  |  |  |
|  | Others | Required/Required Elective | 33 | 72 | 2.2 | 33 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Faculty of Maritime Sciences |  |  |  |  |  |  |  |  |  |  |
| Common Subjects | Lecture | Required/Required Elective | 5 | 1,020 | 204.0 | 2 |  |  |  | 3 |
|  |  | Elective/Optional | 31 | 2,666 | 86.0 | 3 | 11 | 4 | 12 | 1 |
|  | Seminar | Required/Required Elective | 1 | 7 | 7.0 | 1 |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training <br> Training | Required/Required Elective | 4 | 185 | 46.3 | 2 |  | 2 |  |  |
|  |  | Elective/Optional | 5 | 332 | 66.4 |  | 4 | 1 |  |  |
|  | Dissertation Seminar | Required/Required Elective | 3 | 833 | 277.7 |  |  |  | 2 | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Maritime Technology Management | Lecture | Required/Required Elective | 32 | 1,964 | 61.4 |  | 1 | 30 | 1 |  |
|  |  | Elective/Optional | 22 | 1,182 | 53.7 | 4 | 7 | 9 | 2 |  |
|  | Seminar | Required/Required Elective | 4 | 264 | 66.0 |  | 2 | 1 | 1 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 5 | 317 | 63.4 |  | 1 | 4 |  |  |
|  |  | Elective/Optional | - 1 | 63 | 63.0 |  |  | 1 |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Maritime Logistics Sciences | Lecture | Required/Required Elective | 1 | 43 | 43.0 |  | 1 |  |  |  |
|  |  | Elective/Optional | 36 | 1,807 | 50.2 | 1 | 13 | 22 |  |  |
|  | Seminar | Required/Required Elective | 2 | 95 | 47.5 |  | 2 |  |  |  |
|  |  | Elective/Optional | 2 | 76 | 38.0 |  | 2 |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 1 | 57 | 57.0 |  |  | 1 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
| Department of Marine Engineering | Lecture | Required/Required Elective | 10 | 761 | 76.1 |  |  | 10 |  |  |
|  |  | Elective/Optional | 26 | 1,386 | 53.3 | 2 | 6 | 18 |  |  |
|  | Seminar | Required/Required Elective | 4 | 243 | 60.8 |  |  | 4 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 2 | 125 | 62.5 |  |  | 2 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |  |  |

Common Subjects for All Faculties

| Lecture | 428 | 44,074 | 103.0 | 12 | 60 | 189 | 148 | 19 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Seminar | 821 | 29,719 | 36.2 | 81 | 711 | 13 | 16 |  |
| Experiment/Training/Practice | 106 | 3,701 | 34.9 | 11 | 87 | 7 | 1 |  |

As of Dec. 1, 2013

| Graduate School/Department |  |  | Number of Courses | Number of Students | Average Class Size | Number of courses by class size |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Less than 10 |  |  | 11 to 20 | more than 21 |
| Graduate School of Humanities |  |  |  |  |  |  |  |  |
| Common Subjects | Lecture | Required/Required Elective |  | 13 | 63 | 4.8 | 12 | 1 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | RequirediRequired Elective | 11 | 61 | 5.5 | 10 | 1 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | RequiredRequired Elective | 1 | 1 | 1.0 | 1 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | RequiredReequired Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Human Cultural Studies | Lecture | RequiredRequired Elective | 43 | 110 | 2.6 | 43 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 51 | 136 | 2.7 | 51 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | RequiredRequired Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | RequiredReequired Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Human Social Dynamics | Lecture | RequiredReaquired Elective | 48 | 194 | 4.0 | 48 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | RequiredReequired Elective | 64 | 317 | 5.0 | 57 | 7 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ <br> Training | RequiredRequired Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | RequiredReequired Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Graduate School of Intercultural Studies |  |  |  |  |  |  |  |  |
| Common <br> Subjects | Lecture | RequiredRequired Elective | 4 | 20 | 5.0 | 4 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 17 | 119 | 7.0 | 10 | 5 | 2 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | RequiredRequired Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Cultural Interaction | Lecture | Required/Required Elective | 29 | 137 | 4.7 | 26 | 3 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 29 | 108 | 3.7 | 26 | 3 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | RequiredRequired Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 8 | 13 | 1.6 | 8 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Culture and Globalization | Lecture | Required/Required Elective | 45 | 205 | 4.6 | 45 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 46 | 195 | 4.2 | 44 | 2 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 15 | 20 | 1.3 | 15 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |


| Graduate School/Department |  |  | Number of Courses | Number of Students | Average Class Size | Number of courses by class size |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Less than 10 |  |  | 11 to 20 | more than 21 |
| Graduate School of Human Development and Environment |  |  |  |  |  |  |  |  |
| Department of Human <br> Development | Lecture | Required/Required Elective |  | 81 | 634 | 7.8 | 59 | 20 | 2 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 51 | 253 | 5.0 | 44 | 7 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ <br> Training | Required/Required Elective | 2 | 23 | 11.5 | 2 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 44 | 66 | 1.5 | 44 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Human <br> Environmental Science | Lecture | Required/Required Elective | 44 | 310 | 7.0 | 38 | 5 | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 32 | 120 | 3.8 | 32 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 21 | 40 | 1.9 | 21 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Graduate School of Law |  |  |  |  |  |  |  |  |
| Department of Academic Legal Studies | Lecture | Required/Required Elective | 55 | 87 | 1.6 | 53 | 2 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 50 | 63 | 1.3 | 50 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of <br> Political <br> Science | Lecture | Required/Required Elective | 49 | 175 | 3.6 | 46 | 3 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 30 | 55 | 1.8 | 30 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ <br> Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Graduate School of Economics |  |  |  |  |  |  |  |  |
| Department of Economics | Lecture | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional | 55 | 1,108 | 20.1 | 19 | 9 | 27 |
|  | Seminar | Required/Required Elective | 41 | 158 | 3.9 | 39 | 2 |  |
|  |  | Elective/Optional | 2 | 41 | 20.5 | 1 |  | 1 |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Others | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional | 21 | 34 | 1.6 | 21 |  |  |
| Graduate School of Business Administration |  |  |  |  |  |  |  |  |
| Department of <br> Business <br> Administration | Lecture | Required/Required Elective | 84 | 734 | 8.7 | 62 | 18 | 4 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 31 | 97 | 3.1 | 31 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ <br> Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |


| Graduate School/Department |  |  | Number of Courses | Number of Students | Average Class Size | Number of courses by class size |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Less than 10 |  |  | 11 to 20 | more than 21 |
| Graduate School of Science |  |  |  |  |  |  |  |  |
| Common Subjects | Lecture | Required/Required Elective |  | 4 | 61 | 15.3 | 1 | 2 | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Semina | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Mathematics | Lecture | Required/Required Elective | 7 | 122 | 17.4 | 2 | 1 | 4 |
|  |  | Elective/Optional | 18 | 173 | 9.6 | 12 | 2 | 4 |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | $\begin{aligned} & \hline \text { Experiment/ } \\ & \text { Training } \\ & \hline \end{aligned}$ | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 3 | 83 | 27.7 | 1 |  | 2 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Others | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Physics | Lecture | Required/Required Elective | 3 | 41 | 13.7 |  | 3 |  |
|  |  | Elective/Optional | 28 | 197 | 7.0 | 25 | 3 |  |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 3 | 52 |  | 1 | 1 | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 2 | 50 | 25.0 |  | 1 | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Others | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Chemistry | Lecture | Required/Required Elective | 6 | 86 | 14.3 | 3 | 1 | 2 |
|  |  | Elective/Optional | 23 | 133 | 5.8 | 18 | 5 |  |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 2 | 59 |  |  |  | 2 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 2 | 60 | 30.0 |  |  | 2 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Others | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Biology | Lecture | Required/Required Elective | 4 | 79 | 19.8 | 1 | 1 | 2 |
|  |  | Elective/Optional | 21 | 170 | 8.1 | 13 | 7 | 1 |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 3 | 45 |  | 1 |  | 2 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 2 | 44 | 22.0 |  |  | 2 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Others | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of <br> Earth and <br> Planetary <br> Sciences | Lecture | Required/Required Elective | 4 | 37 | 9.3 | 2 |  | 2 |
|  |  | Elective/Optional | 27 | 275 | 10.2 | 17 | 5 | 5 |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ <br> Training | Required/Required Elective | 2 | 50 |  |  |  | 2 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 3 | 52 | 17.3 | 1 |  | 2 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Others | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |


| Graduate School/Department |  |  | Number of Courses | Number of Students | Average Class Size | Number of courses by class size |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Less than 10 |  |  | 11 to 20 | more than 21 |
| Graduate School of Medicine |  |  |  |  |  |  |  |  |
| Department of Biomedical Sciences | Lecture | Required/Required Elective |  | 11 | 226 | 20.5 | 3 | 1 | 7 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 1 | 30 | 30.0 |  |  | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 2 | 86 | 43.0 |  |  | 2 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Reequired/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Graduate School of Health Sciences |  |  |  |  |  |  |  |  |
| Department of Nursing | Lecture | Required/Required Elective | 65 | 530 | 8.2 | 45 | 15 | 5 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 29 | 63 | 2.2 | 29 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective | 7 | 56 | 8.0 | 5 | 2 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Graduate School of Engineering |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { Common } \\ & \text { Subjects } \end{aligned}$ | Lecture | Required/Required Elective | 8 | 316 | 39.5 | 4 |  | 4 |
|  |  | Elective/Optional | 7 | 287 | 41.0 | 2 | 2 | 3 |
| Department of Architecture | Lecture | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional | 32 | 755 | 23.6 | 3 | 13 | 16 |
|  | Seminar | Reequired/Required Elective | 1 | 84 | 84.0 |  |  | 1 |
|  |  | Elective/Optional | 2 | 10 | 5.0 | 2 |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional | 3 | 3 | 1.0 | 3 |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 84 | 84.0 |  |  | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Civil Engineering | Lecture | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional | 27 | 495 | 18.3 | 11 | 9 | 7 |
|  | Seminar | Reequired/Required Elective | 1 | 52 | 52.0 |  |  | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 52 | 52.0 |  |  | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Electrical and Electronic Engineering | Lecture | Required/Required Elective | 1 | 70 |  |  |  | 1 |
|  |  | Elective/Optional | 19 | 581 | 30.6 | 4 | 4 | 11 |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 74 | 74.0 |  |  | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of <br> Mechanical <br> Engineering | Lecture | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional | 29 | 819 | 28.2 | 6 | 9 | 14 |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 2 | 166 | 83.0 |  |  | 2 |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Chemical Science and Engineering | Lecture | Required/Required Elective | 2 | 162 | 81 |  |  | 2 |
|  |  | Elective/Optional | 31 | 848 | 27.4 | 14 | 6 | 11 |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 84 | 84.0 |  |  | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |


| Graduate School/Department |  |  | Number of Courses | Number of Students | Average <br> Class Size | Number of courses by class size |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Less than 10 |  |  | 11 to 20 | more than 21 |
| Graduate School of System Informatics |  |  |  |  |  |  |  |  |
| Common Subjects | Lecture | Required/Required Elective |  | 5 | 132 | 26.4 | 4 |  | 1 |
|  |  | Elective/Optional | 24 | 508 | 21.2 | 11 | 3 | 10 |
|  | Seminar | Required/Required Elective | 1 | 8 | 8.0 | 1 |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Systems Science | Lecture | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional | 10 | 222 | 22.2 | 5 | 1 | 4 |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 32 | 32.0 |  |  | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Information Science | Lecture | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional | 12 | 278 | 23.2 | 1 | 6 | 5 |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ <br> Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 28 | 28.0 |  |  | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Computational Science | Lecture | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional | 21 | 303 | 14.4 | 7 | 10 | 4 |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional | 2 | 30 | 15.0 |  | 2 |  |
|  | Experiment/ <br> Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective | 1 | 30 | 30.0 |  |  | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Graduate School of Agricultural Science |  |  |  |  |  |  |  |  |
| Common Subjects | Lecture | Required/Required Elective | 2 | 211 | 105.5 |  |  | 2 |
|  |  | Elective/Optional | 3 | 20 | 6.7 | 3 |  |  |
|  | Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional | 1 | 6 | 6.0 | 1 |  |  |
|  | Experiment/ <br> Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Agricultural Engineering and SocioEconomics | Lecture | Required/Required Elective | 1 | 54 | 54.0 |  |  | 1 |
|  |  | Elective/Optional | 17 | 151 | 8.9 | 15 | 1 | 1 |
|  | Seminar | RequiredRequired Elective | 6 | 166 | 27.7 |  |  | 6 |
|  |  | Elective/Optional | 1 | 29 | 29.0 |  |  | 1 |
|  | Experiment/ <br> Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Bioresource Science | Lecture | Required/Required Elective | 1 | 92 | 92.0 |  |  | 1 |
|  |  | Elective/Optional | 26 | 232 | 8.9 | 19 | 5 | 2 |
|  | Seminar | Required/Required Elective | 6 | 272 | 45.3 |  |  | 6 |
|  |  | Elective/Optional | 1 | 46 | 46.0 |  |  | 1 |
|  | Experiment/ <br> Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Department of Agrobioscienc e | Lecture | Required/Required Elective | 1 | 78 | 78.0 |  |  | 1 |
|  |  | Elective/Optional | 30 | 274 | 9.1 | 21 | 7 | 2 |
|  | Seminar | RequiredRequired Elective | 6 | 354 | 59.0 |  |  | 6 |
|  |  | Elective/Optional | 1 | 64 | 64.0 |  |  | 1 |
|  | Experiment/ <br> Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Dissertation Seminar | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |


| Graduate School/Department |  |  | Number of Courses | Number of Students | Average Class Size | Number of courses by class size |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Less than 10 |  |  | 11 to 20 | more than 21 |
| Graduate School of Maritime Sciences |  |  |  |  |  |  |  |  |
| Department of <br> Maritime <br> Sciences | Lecture | Required/Required Elective |  | 21 | 340 | 16.2 | 10 | 8 | 3 |
|  |  | Elective/Optional | 45 | 386 | 8.6 | 29 | 12 | 4 |
|  | Seminar | Required/Required Elective | 2 | 11 | 5.5 | 2 |  |  |
|  |  | Elective/Optional | 1 | 4 | 4.0 | 1 |  |  |
|  | Experiment/ <br> Training | Required/Required Elective | 1 | 12 | 12.0 |  | 1 |  |
|  |  | Elective/Optional | 16 | 53 | 3.3 | 15 | 1 |  |
|  | Dissertation Seminar | Required/Required Elective | 4 | 315 | 78.8 |  |  | 4 |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Graduate School of International Cooperation Studies |  |  |  |  |  |  |  |  |
| - Economic <br> Development and <br> Policies <br> - International <br> Cooperation <br> Policy Studies <br> - Regional <br> Cooperation <br> Studies | Lecture | Required/Required Elective | 98 | 1,052 | 10.7 | 58 | 31 | 9 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 66 | 235 | 3.6 | 63 | 3 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Training | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional | 7 | 21 | 3.0 | 7 |  |  |
|  | Dissertation Semina | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |

As of Dec. 1, 2013

| Graduate School/Department |  |  | Number of | Number of | Average | Number | by | class size |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Courses | Students | Class Size | Less than 10 |  | more than 21 |
| Graduate School of Law |  |  |  |  |  |  |  |  |
| Department of <br> Professional <br> Legal <br> Education | Lecture | Required/Required Elective | 78 | 2,356 | 30.2 | 9 | 13 | 56 |
|  |  | Elective/Optional | 11 | 339 | 30.8 |  |  | 11 |
|  | Seminar | Required/Required Elective | 14 | 99 | 7.1 | 9 | 5 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Trainig | Required/Required Elective | 1 | 50 | 50.0 |  |  | 1 |
|  |  | Elective/Optional |  |  |  |  |  |  |
| Graduate School of Business Administration |  |  |  |  |  |  |  |  |
| Department of Management Theory in Practice | Lecture | Required/Required Elective | 30 | 1,617 | 53.9 |  | 2 | 28 |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Seminar | Required/Required Elective | 10 | 144 | 14.4 |  | 10 |  |
|  |  | Elective/Optional |  |  |  |  |  |  |
|  | Experiment/ Trainig | Required/Required Elective |  |  |  |  |  |  |
|  |  | Elective/Optional |  |  |  |  |  |  |

