

**Table 18 : Number of courses offered by each college in 2019 second semester**

College/ Department/ Institute	Total	Liberal Educat ion Course s	Comm on Course s	Other Courses			
				Bachelor Courses	Courses Open to Upper- Division Student s and Graduat e Student s	Maste r Cours es	Ph.D. Cours es
<b>Total</b>	<b>10,296</b>	<b>222</b>	<b>181</b>	<b>3,652</b>	<b>2,385</b>	<b>2,816</b>	<b>1,040</b>
<b>College of Liberal Arts</b>	<b>1,228</b>	<b>61</b>	<b>181</b>	<b>565</b>	<b>150</b>	<b>230</b>	<b>41</b>
Chinese Literature	194	6	73	79	0	35	1
Foreign Languages and Literatures	344	4	91	213	14	18	4
History	95	15	0	41	8	25	6
Philosophy	63	13	0	26	0	22	2
Anthropology	57	2	0	20	20	12	3
Library and Information Science	95	3	0	22	32	20	18
Japanese Language and Literature	157	0	17	128	0	12	0
Drama and Theatre	67	3	0	36	20	6	2
Graduate Institute of Art History	15	4	0	0	0	10	1
Graduate Institute of Linguistics	14	0	0	0	2	11	1
Graduate Institute of Musicology	16	7	0	0	3	4	2
The Graduate Institute of Taiwan Literature	19	4	0	0	1	13	1
Graduate Program of Teaching Chinese as a Second Language	64	0	0	0	46	18	0
Graduate Program in Translation and Interpretation	28	0	0	0	4	24	0
<b>College of Science</b>	<b>936</b>	<b>36</b>	<b>0</b>	<b>252</b>	<b>236</b>	<b>251</b>	<b>161</b>
Mathematics	74	0	0	17	55	1	1
Physics	123	21	0	32	5	26	39
Chemistry	324	7	0	97	24	114	82
Geosciences	68	0	0	26	32	5	5

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Psychology	110	3	0	34	40	22	11
Geography	50	0	0	21	19	5	5
Atmospheric Sciences	56	1	0	25	11	15	4
Institute of Oceanography	70	2	0	0	32	32	4
Institute of Astrophysics	15	0	0	0	2	10	3
Institute of Applied Physics	12	0	0	0	0	8	4
Institute of Applied Mathematical Sciences	10	0	0	0	8	2	0
International Master/Doctoral Degree Program in Climate Change and Sustainable Development	24	2	0	0	8	11	3
<b>College of Social Sciences</b>	<b>558</b>	<b>23</b>	<b>0</b>	<b>193</b>	<b>166</b>	<b>154</b>	<b>22</b>
Political Science	180	5	0	103	32	31	9
Economics	214	8	0	48	99	58	1
Sociology	49	4	0	21	10	11	3
Social Work	41	0	0	19	7	11	4
Graduate Institute of National Development	46	6	0	0	10	25	5
The Graduate Institute of Journalism	17	0	0	2	3	12	0
Graduate Institute of Public Affairs	11	0	0	0	5	6	0
<b>College of Medicine</b>	<b>1,212</b>	<b>1</b>	<b>0</b>	<b>425</b>	<b>262</b>	<b>397</b>	<b>127</b>
School of Medicine	134	0	0	99	16	19	0
School of Dentistry	60	0	0	60	0	0	0
School of Pharmacy	157	0	0	33	92	26	6
Clinical Laboratory Sciences and Medical Biotechnology	58	0	0	31	15	6	6
School of Nursing	62	0	0	27	3	17	15

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School of Physical Therapy	136	0	0	89	10	25	12
School of Occupational Therapy	111	0	0	54	16	26	15
Sec. Degree Bach. in Nursing	13	0	0	13	0	0	0
College of Medicine and College of Public Health Common Courses	14	0	0	3	11	0	0
Institute of Clinical Medicine	38	0	0	0	10	22	6
Institute of Clinical Dentistry	74	0	0	0	0	66	8
Institute of Physiology	17	0	0	0	6	9	2
Biochemistry and Molecular Biology	37	0	0	0	32	2	3
Pharmacology	11	0	0	0	2	6	3
Pathology	21	0	0	0	8	8	5
Institute of Microbiology	37	0	0	0	6	28	3
Anatomy and Cell Biology	14	0	0	0	0	11	3
Institute of Toxicology	15	1	0	0	2	6	6
Institute of Molecular Medicine	20	0	0	1	0	13	6
Institute of Immunology	24	0	0	0	4	18	2
Institute of Oral Biology	16	0	0	0	0	12	4
Institute of Clinical Pharmacy	15	0	0	0	9	4	2
Institute of Forensic Medicine	26	0	0	15	2	9	0
Graduate Institute of Oncology	9	0	0	0	3	0	6
Graduate Institute of Brain and Mind Sciences	10	0	0	0	0	10	0
Graduate Institute of	31	0	0	0	11	12	8

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				Bachelor Courses	Courses Open to Upper- Division Student s and Graduat e Student s	Maste r Cours es	Ph.D. Cours es
Medical Genomics and Proteomics							
Ph.D. of Translational Medicine Program	6	0	0	0	0	0	6
Graduate Institute of Medical Education & Bioethics	9	0	0	0	0	9	0
Institute of Medical Devices and Imaging System	15	0	0	0	0	15	0
GIP-TRIAD Master's Degree in Agro- Biomedical Science	22	0	0	0	4	18	0
<b>College of Engineering</b>							
	<b>1,218</b>	<b>5</b>	<b>0</b>	<b>318</b>	<b>302</b>	<b>443</b>	<b>150</b>
Civil Engineering	192	0	0	92	47	43	10
Mechanical Engineering	260	2	0	60	94	69	35
Chemical Engineering	235	0	0	98	32	82	23
Engineering Science and Ocean Engineering	119	1	0	20	51	34	13
Materials Science and Engineering	126	2	0	17	49	39	19
<b>Department of Biomedical Engineering</b>							
	75	0	0	29	1	30	15
Graduate Institute of Environmental Engineering	26	0	0	0	0	24	2
Institute of Applied Mechanics	64	0	0	0	9	53	2
Building and Planning	26	0	0	2	5	18	1
Industrial Engineering	31	0	0	0	7	16	8
<b>Institute of Polymer Science and Engineering</b>							
	25	0	0	0	0	17	8
Ph.D. Program of Green Materials and Precision Devices	21	0	0	0	4	11	6
TIGP-Molecular Science	18	0	0	0	3	7	8

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				Bachelor Courses	Courses Open to Upper- Division Student s and Graduat e Student s	Maste r Cours es	Ph.D. Cours es
and Technology							
<b>College of Bio-resources and Agriculture</b>	<b>1,489</b>	<b>14</b>	<b>0</b>	<b>620</b>	<b>294</b>	<b>429</b>	<b>132</b>
Agronomy	139	0	0	64	40	28	7
Bioenvironmental Systems Engineering	102	1	0	37	29	28	7
Agricultural Chemistry	97	0	0	50	15	21	11
Forestry and Resource Conservation	165	9	0	70	42	36	8
Animal Science and Technology	103	0	0	57	8	29	9
Agricultural Economics	92	0	0	34	12	42	4
Horticulture	161	0	0	67	27	56	11
Veterinary Medicine	135	0	0	85	21	21	8
Department of Bio- Industry Communication Development	77	3	0	35	7	25	7
Department of Biomechatronics Engineering	126	0	0	57	24	28	17
Department of Entomology	56	0	0	31	19	3	3
Plant Pathology and Microbiology	70	0	0	30	23	15	2
Institute of Food Science and Technology	42	1	0	0	6	21	14
Institute of Biotechnology	59	0	0	0	4	31	24
Institute of Veterinary Clinical Science	31	0	0	0	3	28	0
Graduate Institute of Molecular and Comparative Pathobiology	17	0	0	0	2	15	0
The MS Program for Plant Medicine	17	0	0	3	12	2	0

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<b>College of Management</b>	<b>446</b>	<b>1</b>	<b>0</b>	<b>187</b>	<b>109</b>	<b>112</b>	<b>37</b>
Business Administration	61	0	0	46	13	2	0
Accounting	71	0	0	42	12	8	9
Finance	64	0	0	32	16	12	4
International Business	104	0	0	41	34	17	12
Information Management	66	1	0	26	19	17	3
Graduate Institute of Business	35	0	0	0	13	13	9
EMBA	21	0	0	0	0	21	0
GLOBAL MBA	18	0	0	0	2	16	0
NTU-Fudan EMBA	0	0	0	0	0	0	0
Entrepreneurship and Innovation Master's Program in Business Administration	6	0	0	0	0	6	0
<b>College of Public Health</b>	<b>231</b>	<b>1</b>	<b>0</b>	<b>41</b>	<b>61</b>	<b>108</b>	<b>20</b>
Public Health	66	0	0	41	23	2	0
Master of Public Health	18	0	0	0	6	12	0
Institute of Health Policy and Management	33	1	0	0	4	21	7
Graduate Institute of Epidemiology and Preventive Medicine	42	0	0	0	16	17	9
Institute of Health Behaviors and Community Sciences	9	0	0	0	3	6	0
Institute of Food Safety and Health	12	0	0	0	0	12	0
Environmental and Occupational Health Sciences	40	0	0	0	7	30	3
Master's Program in Global Health	11	0	0	0	2	8	1

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<b>College of Electrical Engineering and Computer Science</b>	<b>1,072</b>	<b>4</b>	<b>0</b>	<b>273</b>	<b>257</b>	<b>298</b>	<b>240</b>
Electrical Engineering	338	2	0	193	71	43	29
Computer Science and Information Engineering	207	2	0	78	41	49	37
Institute of Photonics and Optoelectronics	92	0	0	0	17	30	45
Communication Engineering	118	0	0	0	26	61	31
Electronics Engineering	111	0	0	0	24	49	38
Networking and Multimedia	93	0	0	0	36	37	20
Biomedical Electronics and Bioinformatics	85	0	0	2	38	24	21
Data Science Degree Program	14	0	0	0	4	5	5
Taiwan International Graduate Program on Bioinformatics	14	0	0	0	0	0	14
<b>College of Law</b>	<b>265</b>	<b>2</b>	<b>0</b>	<b>107</b>	<b>57</b>	<b>98</b>	<b>1</b>
Department of Law	226	2	0	105	47	71	1
Interdisciplinary Legal Studies	39	0	0	2	10	27	0
<b>College of Life Science</b>	<b>521</b>	<b>9</b>	<b>0</b>	<b>102</b>	<b>150</b>	<b>161</b>	<b>99</b>
Life Science	156	7	0	67	55	25	2
Biochemical Science and Technology	107	2	0	35	23	31	16
Plant Biology	39	0	0	0	7	22	10
Molecular and Cellular Biology	38	0	0	0	10	21	7
Ecology and Evolutionary Biology	47	0	0	0	16	17	14

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Fisheries Science	33	0	0	0	20	11	2
Biochemical Sciences	52	0	0	0	4	23	25
Genome and Systems Biology Degree Program	44	0	0	0	15	11	18
Taiwan International Graduate Program in Interdisciplinary Neuroscience	5	0	0	0	0	0	5
<b>Distance Learning</b>	<b>11</b>	<b>6</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>
<b>Academic Programs</b>	<b>776</b>	<b>10</b>	<b>0</b>	<b>348</b>	<b>316</b>	<b>93</b>	<b>9</b>
Secondary Education Program	43	0	0	6	37	0	0
Earth System Science	20	0	0	12	8	0	0
Women and Gender Studies Certificate Program	9	0	0	3	4	2	0
Sustainable Development Resource	16	0	0	12	3	1	0
Biotechnology Program	12	0	0	0	10	0	2
Education Program For Agricultural Automation	1	0	0	0	1	0	0
Molecular Medical Sciences Program	1	0	0	0	1	0	0
Program of Food Science and Technology	12	0	0	6	5	1	0
Program for Knowledge Management	8	0	0	0	8	0	0
Introductory Course of Marine Science	10	0	0	0	10	0	0
Communication Program	8	0	0	6	2	0	0
NANO-Technology Engineering	33	2	0	6	15	9	1
Taiwan Study Program	46	0	0	30	9	7	0
Biological Statistics	31	0	0	9	15	6	1



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Mainland China Studies Program	16	0	0	8	5	2	1
European Studies Program	77	0	0	67	10	0	0
Molecular Medicine Program	8	0	0	1	6	1	0
Teaching program of stem cell and regenerative Bio-Medicine	20	0	0	3	11	4	2
Program of Neurobiology and Cognitive Science	93	0	0	41	16	35	1
Classical works in Humanities Program	9	0	0	7	2	0	0
Chinese Herbal Medicine Program	6	0	0	1	5	0	0
Geriatrics and Long Term Care Program	7	0	0	2	4	1	0
Leadership Program	19	2	0	5	12	0	0
Creativity and Entrepreneurship Program	36	3	0	10	23	0	0
Asian Art Program	14	0	0	11	3	0	0
Art and Design Program	15	0	0	11	3	1	0
Infectious Diseases Program	18	0	0	10	8	0	0
Quantitative Finance Program	3	0	0	0	3	0	0
Chinese-English Translation Program	28	0	0	20	8	0	0
Energy Technology Program	18	0	0	5	9	4	0
Health and Nutrition Program	10	0	0	5	3	2	0
Population Studies Program	12	1	0	3	7	1	0
Japan Studies Program	8	1	0	7	0	0	0
Transportation	26	0	0	10	12	4	0

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Electrification Technology Program							
Program for East Asian Studies	22	0	0	9	7	5	1
Tea and Tea Industry	10	0	0	6	4	0	0
Animal Welfare Program	6	0	0	3	3	0	0
Biodiversity Program	20	1	0	9	8	2	0
Offshore Wind Energy Program	25	0	0	4	16	5	0
<b>Department of Athletics</b>	<b>202</b>	<b>0</b>	<b>0</b>	<b>202</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Student Safety Center</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Center for General Education</b>	<b>75</b>	<b>25</b>	<b>0</b>	<b>12</b>	<b>15</b>	<b>22</b>	<b>1</b>
Liberal Education Section	17	17	0	0	0	0	0
Common Education Section	20	8	0	12	0	0	0
Master Program in Statistics of National Taiwan University	29	0	0	0	15	13	1
Master Program of Sport Facility Management and Health Promotion	9	0	0	0	0	9	0
<b>Academic Writing Education Center</b>	<b>39</b>	<b>21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>0</b>
<b>Stanley Wang D-School</b>	<b>12</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>0</b>

Note:

1. Total number of courses including specialized courses and general courses is counted toward departmental courses.
2. There are 4,684 asynchronous distance learning courses.
3. Common Courses refer to courses of College Chinese, Freshman Foreign Language.
4. If courses have the same name, but in different classes, they are counted as different courses in terms of number of courses offered.
5. If courses offered by the same faculty but are separated into two semesters, each semester is counted as one course.

6. Service Learning (1), (2), (3), (a) and (b) are listed as departmental courses.