

**Table 19 : Number of courses offered by each college in 2020 first semester**

College/ Department/ Institute	Total	Liberal Education Courses	Common Courses	Other Courses			
				Bachelor Courses	Courses Open to Upper- Division Student s and Graduat e Student s	Master Courses	Ph.D. Courses
<b>Total</b>	<b>10,771</b>	<b>233</b>	<b>192</b>	<b>3,782</b>	<b>2,272</b>	<b>3,147</b>	<b>1,145</b>
<b>College of Liberal Arts</b>	<b>1,280</b>	<b>62</b>	<b>192</b>	<b>596</b>	<b>137</b>	<b>252</b>	<b>41</b>
Chinese Literature	208	6	83	81	2	35	1
Foreign Languages and Literatures	373	5	95	230	20	21	2
History	88	18	0	34	6	26	4
Philosophy	67	9	0	29	0	27	2
Anthropology	64	1	0	27	26	7	3
Library and Information Science	95	3	0	29	22	24	17
Japanese Language and Literature	145	0	14	119	0	12	0
Drama and Theatre	73	6	0	47	7	12	1
Graduate Institute of Art History	15	2	0	0	0	12	1
Graduate Institute of Linguistics	25	1	0	0	3	17	4
Graduate Institute of Musicology	18	6	0	0	7	3	2
The Graduate Institute of Taiwan Literature	19	4	0	0	0	11	4
Graduate Program of Teaching Chinese as a Second Language	58	1	0	0	40	17	0
Graduate Program in Translation and Interpretation	32	0	0	0	4	28	0
<b>College of Science</b>	<b>1,040</b>	<b>40</b>	<b>0</b>	<b>291</b>	<b>221</b>	<b>297</b>	<b>191</b>
Mathematics	57	0	0	19	36	1	1
Physics	138	23	0	30	7	41	37
Chemistry	363	8	0	100	17	136	102
Geosciences	102	0	0	52	38	5	7

College/ Department/ Institute	Total	Liberal Education Courses	Common Courses	Other Courses			
				Bachelor Courses	Courses Open to Upper- Division Student s and Graduat e Student s	Master Courses	Ph.D. Courses
Psychology	126	6	0	40	45	25	10
Geography	50	0	0	26	13	7	4
Atmospheric Sciences	63	0	0	24	11	21	7
Institute of Oceanography	68	2	0	0	31	30	5
Institute of Astrophysics	15	0	0	0	1	10	4
Institute of Applied Physics	13	0	0	0	0	9	4
Institute of Applied Mathematical Sciences	15	0	0	0	14	1	0
International Program in Climate Change and Sustainable Development	30	1	0	0	8	11	10
<b>College of Social Sciences</b>	<b>456</b>	<b>23</b>	<b>0</b>	<b>192</b>	<b>84</b>	<b>136</b>	<b>21</b>
Political Science	163	5	0	110	18	23	7
Economics	120	9	0	35	34	41	1
Sociology Department	57	5	0	25	10	14	3
Social Work Department	43	0	0	22	5	10	6
Graduate Institute of National Development	47	4	0	0	13	26	4
The Graduate Institute of Journalism	18	0	0	0	2	16	0
Graduate Institute of Public Affairs	8	0	0	0	2	6	0
<b>College of Medicine</b>	<b>1,325</b>	<b>3</b>	<b>0</b>	<b>423</b>	<b>246</b>	<b>498</b>	<b>155</b>
School of Medicine	103	0	0	74	8	21	0
School of Dentistry	63	0	0	62	1	0	0
School of Pharmacy	176	0	0	38	82	40	16
Clinical Laboratory Sciences and Medical Biotechnology	57	0	0	39	8	4	6
School of Nursing	69	0	0	30	4	23	12
School of Physical Therapy	162	0	0	95	8	44	15

College/ Department/ Institute	Total	Liberal Education Courses	Common Courses	Other Courses			
				Bachelor Courses	Courses Open to Upper- Division Student s and Graduat e Student s	Master Courses	Ph.D. Courses
School of Occupational Therapy	95	0	0	43	8	30	14
Second Degree Bachelor of Science in Nursing	26	0	0	26	0	0	0
College of Medicine and College of Public Health Common Courses	12	0	0	3	9	0	0
Institute of Clinical Medicine	30	0	0	0	4	19	7
Institute of Clinical Dentistry	99	0	0	0	2	85	12
Institute of Physiology	12	0	0	0	5	4	3
Biochemistry and Molecular biology	38	0	0	0	33	3	2
Pharmacology	23	1	0	0	9	10	3
Pathology	24	0	0	0	8	11	5
Institute of Microbiology	52	0	0	0	17	29	6
Anatomy and Cell Biology	12	0	0	0	1	7	4
Institute of Toxicology	17	1	0	0	2	7	7
Institute of Molecular Medicine	22	0	0	0	1	15	6
Institute of Immunology	22	0	0	0	2	18	2
Institute of Oral Biology	19	0	0	0	0	16	3
Institute of Clinical Pharmacy	25	0	0	0	14	8	3
Institute of Forensic Medicine	33	0	0	13	0	20	0
Graduate Institute of Oncology	13	0	0	0	5	1	7
Graduate Institute of Brain and Mind Sciences	12	0	0	0	0	12	0
Graduate Institute of Clinical Genomics	35	0	0	0	15	12	8
Ph.D. of Translational	14	0	0	0	0	0	14

College/ Department/ Institute	Total	Liberal Education Courses	Common Courses	Other Courses			
				Bachelor Courses	Courses Open to Upper- Division Student s and Graduat e Student s	Master Courses	Ph.D. Courses
Medicine Program							
Graduate Institute of Medical Education & Bioethics	14	1	0	0	0	13	0
Institute of Medical Devices and Imaging System	14	0	0	0	0	14	0
GIP-TRIAD Master's Degree in Agro- Biomedical Science	32	0	0	0	0	32	0
<b>College of Engineering</b>	<b>1,234</b>	<b>5</b>	<b>0</b>	<b>328</b>	<b>294</b>	<b>451</b>	<b>156</b>
Civil Engineering	188	0	0	86	42	51	9
Mechanical Engineering	250	2	0	67	73	74	34
Chemical Engineering	222	0	0	89	24	83	26
Engineering Science and Ocean Engineering	121	1	0	28	52	27	13
Materials Science and Engineering	144	0	0	21	64	39	20
Department of Biomedical Engineering	95	0	0	35	15	30	15
Graduate Institute of Environmental Engineering	29	1	0	0	2	23	3
Institute of Applied Mechanics	62	1	0	0	5	54	2
Building and Planning	29	0	0	1	6	21	1
Industrial Engineering	35	0	0	1	8	18	8
Institute of Polymer Science and Engineering	33	0	0	0	0	24	9
Ph.D. Program of Green Materials and Precision Devices	13	0	0	0	3	4	6
TIGP-Molecular Science and Technology	13	0	0	0	0	3	10

College/ Department/ Institute	Total	Liberal Education Courses	Common Courses	Other Courses			
				Bachelor Courses	Courses Open to Upper- Division Student s and Graduat e Student s	Master Courses	Ph.D. Courses
<b>College of Bio-resources and Agriculture</b>	<b>1,542</b>	<b>15</b>	<b>0</b>	<b>646</b>	<b>295</b>	<b>437</b>	<b>149</b>
Agronomy	110	0	0	54	24	25	7
Bioenvironmental Systems Eng.	125	0	0	50	45	24	6
Agricultural Chemistry	105	0	0	56	21	19	9
Forestry and Resource Conservation	185	10	0	81	42	43	9
Animal Science and Technology	96	0	0	53	8	25	10
Agricultural Economics	90	0	0	19	16	48	7
Horticulture	181	0	0	73	24	66	18
Veterinary Medicine	145	0	0	95	16	23	11
Department of Bio- Industry Communication Development	80	2	0	41	3	28	6
Department of Biomechatronics Engineering	139	1	0	57	32	31	18
Department of Entomology	53	1	0	32	14	3	3
Plant Pathology and Microbiology	66	0	0	29	20	13	4
Institute of Food Science and Technology	48	1	0	0	8	24	15
Bio-Resources and Agriculture	52	0	0	0	8	18	26
Institute of Veterinary Clinical Science	30	0	0	0	3	27	0
Graduate Institute of Molecular and Comparative Pathobiology	20	0	0	0	3	17	0
The MS Program for Plant Medicine	17	0	0	6	8	3	0
<b>College of Management</b>	<b>454</b>	<b>3</b>	<b>0</b>	<b>180</b>	<b>101</b>	<b>129</b>	<b>41</b>

College/ Department/ Institute	Total	Liberal Education Courses	Common Courses	Other Courses			
				Bachelor Courses	Courses Open to Upper- Division Student s and Graduat e Student s	Master Courses	Ph.D. Courses
Business Administration	51	0	0	35	12	4	0
Accounting	67	0	0	39	16	3	9
Finance	79	0	0	35	18	20	6
International Business	92	0	0	39	19	23	11
Information Management	71	3	0	32	19	13	4
Graduate Institute of Business	41	0	0	0	14	16	11
EMBA	22	0	0	0	0	22	0
GLOBAL MBA	22	0	0	0	3	19	0
NTU-Fudan EMBA	1	0	0	0	0	1	0
Entrepreneurship and Innovation Master's Program in Business Administration	8	0	0	0	0	8	0
<b>College of Public Health</b>	<b>314</b>	<b>4</b>	<b>0</b>	<b>48</b>	<b>44</b>	<b>194</b>	<b>24</b>
Public Health	77	3	0	48	11	15	0
Master of Public Health	28	0	0	0	4	24	0
Institute of Health Policy and Management	52	1	0	0	6	38	7
Institute of Epidemiology and Preventive Medicine	50	0	0	0	13	25	12
Institute of Health Behaviors and Community Sciences	22	0	0	0	3	19	0
Institute of Food Safety and Health	17	0	0	0	2	15	0
Environmental and Occupational Health Sciences	42	0	0	0	3	36	3
Masster of Global Health	14	0	0	0	1	12	1
Doctoral Program in Global Health	12	0	0	0	1	10	1
<b>College of Electrical Engineering and</b>	<b>1,077</b>	<b>9</b>	<b>0</b>	<b>268</b>	<b>253</b>	<b>301</b>	<b>246</b>

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				Bachelor Courses	Courses Open to Upper- Division Student s and Graduat e Student s	Master Courses	Ph.D. Courses
<b>Computer Science</b>							
Electrical Engineering	331	5	0	180	75	40	31
Computer Science and Information Engineering	206	2	0	82	30	53	39
Institute of Photonics and Optoelectronics	97	0	0	0	21	29	47
Communication Engineering	129	1	0	0	29	66	33
Electronics Engineering	113	0	0	0	27	45	41
Networking and Multimedia	84	0	0	0	22	41	21
Biomedical Electronics and Bioinformatics	92	1	0	6	46	21	18
Data Science Degree Program	13	0	0	0	3	6	4
Taiwan International Graduate Program on Bioinformatics	12	0	0	0	0	0	12
<b>College of Law</b>	<b>278</b>	<b>1</b>	<b>0</b>	<b>129</b>	<b>51</b>	<b>96</b>	<b>1</b>
Department of Law	245	1	0	129	47	67	1
Interdisciplinary Legal Studies	33	0	0	0	4	29	0
<b>College of Life Science</b>	<b>540</b>	<b>7</b>	<b>0</b>	<b>102</b>	<b>164</b>	<b>164</b>	<b>103</b>
Life Science	147	5	0	60	53	27	2
Biochemical Science and Technology	111	2	0	42	17	34	16
Plant Biology	33	0	0	0	3	20	10
Molecular and Cellular Biology	47	0	0	0	18	22	7
Ecology and Evolutionary Biology	50	0	0	0	21	16	13
Fisheries Science	37	0	0	0	23	12	2
Biochemical Sciences	57	0	0	0	8	23	26
Gene and System Biology	53	0	0	0	21	10	22

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Degree Program							
Taiwan International Graduate Program in Interdisciplinary Neuroscience	5	0	0	0	0	0	5
<b>Distance Learning</b>	<b>20</b>	<b>7</b>	<b>0</b>	<b>3</b>	<b>8</b>	<b>1</b>	<b>1</b>
<b>Academic Programs</b>	<b>849</b>	<b>5</b>	<b>0</b>	<b>341</b>	<b>347</b>	<b>144</b>	<b>12</b>
Secondary Education Program	48	0	0	3	45	0	0
Earth System Science	9	0	0	3	6	0	0
Women and Gender Studies Certificate Program	10	0	0	5	2	3	0
Sustainable Development Resource	16	0	0	12	3	1	0
Biotechnology Program	11	0	0	1	9	1	0
Molecular Medical Sciences Program	2	0	0	0	2	0	0
Program of Food Science and Technology	16	0	0	6	10	0	0
Program for Knowledge Management	10	0	0	3	7	0	0
Introductory Course of Marine Science	14	0	0	0	12	2	0
Communication Program	7	0	0	5	1	1	0
NANO-Technology Engineering	32	1	0	6	17	8	0
Taiwan Study Program	44	0	0	22	10	10	2
Biological Statistics	30	0	0	11	9	7	3
Mainland China Studies Program	23	0	0	7	7	9	0
European Studies Program	79	0	0	69	9	1	0
Molecular Medicine Program	13	0	0	0	8	5	0



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Teaching Program of Stem Cell and Regenerative Bio-Medicine	17	0	0	6	8	3	0
Program of Neurobiology and Cognitive Science	119	0	0	38	21	54	6
Classical works in Humanities Program	9	0	0	8	1	0	0
Chinese Herbal Medicine Program	11	0	0	3	8	0	0
Geriatrics and Long Term Care Program	10	0	0	8	1	1	0
Leadership Program	18	1	0	2	15	0	0
Creativity and Entrepreneurship Program	25	1	0	1	23	0	0
Asian Art Program	15	0	0	10	5	0	0
Art and Design Program	21	0	0	17	3	1	0
Infectious Diseases Program	17	0	0	7	6	4	0
Quantitative Finance Program	3	0	0	0	3	0	0
Chinese-English Translation Program	27	0	0	20	7	0	0
Energy Technology Program	20	0	0	5	12	3	0
Health and Nutrition Program	9	0	0	4	4	1	0
Population Studies Program	9	0	0	3	5	1	0
Japan Studies Program	11	2	0	7	1	1	0
Transportation Electrification Technology Program	26	0	0	10	12	4	0
Program for East Asian Studies	28	0	0	13	6	9	0
Tea and Tea Industry	14	0	0	8	2	4	0

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				Bachelor Courses	Courses Open to Upper- Division Student s and Graduat e Student s	Master Courses	Ph.D. Courses
Animal Welfare Program	7	0	0	6	1	0	0
Offshore Wind Energy Program	25	0	0	6	15	4	0
Business Analytics Program	8	0	0	0	7	1	0
Intelligent Medicine Program	20	0	0	0	17	2	1
Quantum Computation and Quantum Information Program	8	0	0	5	1	2	0
Architectural Design Program	8	0	0	1	6	1	0
<b>Department of Athletics</b>	<b>214</b>	<b>0</b>	<b>0</b>	<b>214</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>88</b>	<b>27</b>	<b>0</b>	<b>15</b>	<b>12</b>	<b>30</b>	<b>4</b>
Liberal Education Section	20	20	0	0	0	0	0
Common Education Section	21	6	0	15	0	0	0
Master Program in Statistics of National Taiwan University	30	1	0	0	12	13	4
Master Program of Sport Facility Management and Health Promotion	13	0	0	0	0	13	0
Master Program in Global Agriculture Technology and Genomic Science	4	0	0	0	0	4	0
<b>Academic Writing Education Center</b>	<b>36</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>0</b>
<b>Stanley Wang D-School</b>	<b>19</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>15</b>	<b>0</b>	<b>0</b>

Note:

1. Total number of courses including specialized courses and general courses is counted toward

departmental courses.

2. There are 4,426 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. 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.