

Article

Mapping Course Sustainability by Embedding the SDGs Inventory into the University Curriculum: A Case Study from National University of Kaohsiung in Taiwan

Supplementary Materials

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Table 1. SDGs-related course inventory results for the fall semester of 2018.

Academic Division	Department	Total courses	Courses of SDG inventory completion	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
General Education Center	Common Compulsory Curriculum	173	57	8	1	25	33	25	1	1	4	0	6	6	2	1	1	9	5	5
	Humanities	30	20	4	1	5	12	9	1	3	4	2	6	11	1	1	2	2	14	4
	Natural Sciences	25	18	0	4	7	3	1	2	1	4	1	1	3	0	4	3	4	0	1
	Social Science	36	21	3	0	6	15	8	1	0	5	1	5	3	1	0	0	0	10	3
	General Microcredit courses	10	7	1	0	0	0	0	0	1	0	2	1	1	1	0	0	0	0	0
	Core Curriculum	41	24	6	2	11	12	14	5	5	6	4	16	7	6	6	5	5	12	8
	Electives by Interest	3	2	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0
	Sub-Total	318	149	22	8	54	77	57	10	11	23	10	35	31	12	12	11	20	41	21
College of Humanities and Social Sciences	Common Learnings	11	5	0	0	1	1	0	0	0	2	0	0	2	0	0	0	0	1	1
	Dept. of Crafts and Creative Design	8	5	1	0	0	2	0	0	0	1	1	0	0	1	0	0	0	0	0
	Dept. of Kinesiology, Health, and Leisure Studies	55	44	2	0	35	15	13	1	1	8	2	2	4	3	2	3	4	6	4
	Dept. of Athletic Performance	40	10	0	0	10	4	3	0	0	0	0	1	1	0	0	0	0	1	1
	Dept. of Western Languages and Literature	39	15	1	0	1	12	8	0	0	1	0	5	2	0	0	0	1	3	4

	Dept. of East Asian Languages and Literature	60	37	4	4	2	31	3	0	0	13	2	2	3	1	0	1	1	3	7
	Dept. of Creative Design and Architecture	46	28	7	0	5	4	5	1	6	4	8	4	17	5	3	0	0	4	1
	Dept. of Architecture	15	5	0	0	0	0	0	0	1	0	0	0	5	0	0	0	0	0	0
	Sub-Total	274	149	15	4	54	69	32	2	8	29	13	14	34	10	5	4	6	18	18
College of Law	Dept. of Law	55	34	7	8	7	7	6	3	4	5	4	11	4	10	3	3	4	26	9
	Dept. of Government and Law	61	5	1	1	1	1	1	0	0	4	1	1	2	0	0	0	0	2	1
	Dept. of Economic and Financial Law	55	39	9	1	7	11	9	1	1	16	4	16	2	5	1	1	1	30	5
	Sub-Total	171	78	17	10	15	19	16	4	5	25	9	28	8	15	4	4	5	58	15
College of Management	Common Learnings	3	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0
	Dept. of Asia Pacific Industrial and Business Management	47	21	7	3	1	7	3	1	1	18	7	2	1	8	0	0	0	0	5
	Dept. of Finance	33	20	1	1	0	2	1	1	0	15	0	1	1	1	1	1	2	0	3
	International Master of Business Administration	11	4	0	0	0	0	0	0	0	3	1	0	0	3	0	0	0	0	1
	Dept. of Information Management	37	18	1	1	4	5	0	0	2	14	12	3	5	0	0	0	0	2	3
	Dept. of Applied Economics	32	23	5	1	6	9	2	0	0	18	5	8	1	3	0	0	0	9	5
	Sub-Total	163	87	15	7	12	23	6	2	4	69	26	15	9	16	2	2	3	12	17

College of Science	Common Learnings	5	2	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	
	Dept. of Applied Chemistry	36	19	3	4	3	3	0	7	8	10	14	0	5	3	5	2	1	0	2
	Dept. of Applied Physics	36	23	0	0	0	2	0	1	2	5	16	0	2	1	1	0	0	0	1
	Dept. of Applied Mathematics	34	27	3	0	0	18	0	0	0	9	9	2	0	1	3	0	0	0	1
	Dept. of Life Sciences	45	31	10	13	23	3	1	6	2	3	2	1	2	3	3	16	18	3	3
	Institute of Statistics	12	5	0	0	0	2	0	0	0	5	3	0	0	0	0	0	0	0	0
	Sub-Total	168	107	16	18	27	28	1	14	12	32	45	3	9	9	12	18	19	3	7
College of Engineering	Dept. of Civil and Environmental Engineering	38	31	1	1	6	5	0	12	4	1	20	1	22	3	9	4	5	0	3
	Dept. of Chemical and Materials Engineering	35	22	2	0	4	8	1	1	3	10	17	1	1	2	0	0	0	1	1
	Dept. of Computer Science and Information Engineering	47	31	0	0	1	5	0	0	0	14	24	0	1	0	0	0	0	0	0
	Dept. of Electrical Engineering	78	54	5	2	2	15	6	0	10	28	42	1	4	3	5	2	3	2	3
	Sub-Total	198	138	8	3	13	33	7	13	17	53	103	3	28	8	14	6	8	3	7
Total	1292	708	93	50	175	249	119	45	57	231	206	98	119	70	49	45	61	135	85	

Table 2. The raw data for the preparation of Figure 5 and 6.

Academic Division	SDG1	SDG2	SDG3	SDG4	SDG5	SDG6	SDG7	SDG8	SDG9	SDG10	SDG11	SDG12	SDG13	SDG14	SDG15	SDG16	SDG17
University Level	4.93	2.65	9.27	13.20	6.31	2.38	3.02	12.24	10.92	5.19	6.31	3.71	2.60	2.38	3.23	7.15	4.50
General Education Center	4.84	1.76	11.87	16.92	12.53	2.20	2.42	5.05	2.20	7.69	6.81	2.64	2.64	2.42	4.40	9.01	4.62
College of Humanities and Social Sciences	4.48	1.19	16.12	20.60	9.55	0.60	2.39	8.66	3.88	4.18	10.15	2.99	1.49	1.19	1.79	5.37	5.37
College of Law	6.61	3.89	5.84	7.39	6.23	1.56	1.95	9.73	3.50	10.89	3.11	5.84	1.56	1.56	1.95	22.57	5.84
College of Management	6.25	2.92	5.00	9.58	2.50	0.83	1.67	28.75	10.83	6.25	3.75	6.67	0.83	0.83	1.25	5.00	7.08
College of Science	5.86	6.59	9.89	10.26	0.37	5.13	4.40	11.72	16.48	1.10	3.30	3.30	4.40	6.59	6.96	1.10	2.56
College of Engineering	2.45	0.92	3.98	10.09	2.14	3.98	5.20	16.21	31.50	0.92	8.56	2.45	4.28	1.83	2.45	0.92	2.14