

MUST Curriculum Guide for Undergraduate Students for Academic Years 2020-2023, Department of Information Management

Year I (2020)					
	Course title	1st semester		2nd semester	
		Cr.	hr.	Cr.	hr.
		Cr.	hr.	Cr.	hr.
C	◎Physical Education	1	2	1	2
	☆All-out Defense Education Military Training (I)(II)	0	2	0	1
	◎Chinese Reading and Expressions (I)(II)	2	2	2	2
	◎English (I)(II)	2	2	2	2
	◎The Theory of History and Civilization	2	2		
	◎Law, Politics and Society			2	2
	▲Applied Basic Mathematics (I)(II)	3	3	3	3
	▲Economics	3	3		
	▲Management	3	3		
	▲Introduction to programming	2	2		
	※ Programming Language Practice	1	2		
	※Introduction to Computer Science	3	3		
	※Programming Design			3	4
Summation		22	26	13	16
E	Creative Image Processing			3	3
	Ready for GEPT Elementary Level			3	3
	Internet Practice			2	2
	Information Literacy			2	2
	Economic Analysis			3	3
	Data Structure			3	3
	Accounting			3	3

Year II (2021)					
	Course title	1st semester		2nd semester	
		Cr.	hr.	Cr.	hr.
		Cr.	hr.	Cr.	hr.
C	◎Physical Education			1	2
	◎Classified General Education	2	2	2	2
	◎Applied English (I)(II)	2	2	2	2
	◎Chinese Reading and Expressions (III)	1	1		
	▲Statistics	3	3		
	※Java Programming	3	3		
	※Window System Management and Security Practice	3	3		
	※Theory and Analysis of Database	3	4		
	※Management Information			3	3
	※Computer Network			3	3
	※ Database Management System			3	3
	◎Professional Ethics			1	1
	▲Introduction and application of artificial intelligence			2	2
Summation		17	18	17	18
E	Web Programming	3	3		
	Multimedia and Animation	3	3		
	Applied Accounting	3	3		
	Database Application Language Programming			3	3
	Advanced Java Programming			3	3
	Applied Statistics			3	3

Year III (2022)					
	Course title	1st semester		2nd semester	
		Cr.	hr.	Cr.	hr.
		Cr.	hr.	Cr.	hr.
C	◎Classified General Education	2	2	2	2
	※Electronic Commerce	3	3		
	※System Analysis and Design	3	3		
	※The Practice of Linux System Management	3	4		
	※Enterprise Resource Planning System	3	3		
	◎English Proficiency Training	1	1		
	※Project of Information Management	1	1	1	1
Summation		16	17	3	3
E	3D Animation Design	3	3		
	Inter-networking	3	3		
	Information Security	3	3		
	Practice of Database Management System	3	3		
	APP Programming Practice	3	3		
	Social Network Analysis Practice	3	3		
	Data Visualization and Analysis	3	3		
	E-Shop Design and Practices			3	3
	Wireless Networks			3	3
	Network Planning & Management			3	3
	E-commerce System Design and Implementation			3	3
	ERP Practice			3	3
	Commercial Database			3	3
	Marketing Management			3	3
	E-commerce Security			3	3
Operation Research			3	3	
Object-Oriented System Analysis			3	3	
Machine Learning			3	3	

Year IV (2023)					
	Course title	1st semester		2nd semester	
		Cr.	hr.	Cr.	hr.
		Cr.	hr.	Cr.	hr.
C	※MIS Certificates			0	1
Summation		0	0	0	1
E	Knowledge Management	3	3		
	Web Database	3	3		
	Big Data Analysis and Application	3	3		
	Software Project Management	3	3		
	Financial Management	3	3		
	Mobile Commerce Application & Security	3	3		
	Electronic Business Operation and Management	3	3		
	Practice in Business Management	3	3		
	Shop-Floor Operations Practice	3	3		
	Work Ethics	3	3		
	Web Service Engineering			3	3
	Supply Chain Management			3	3
	Artificial Intelligence			3	3
	The Internet of Things Techniques and Application			3	3
	Information Security Management system			3	3
Virtualization System Administration Practices in Cloud			3	3	
Business Information Management Practice			3	3	
Employment development practice			3	3	
Employment Ethics			3	3	

Item	Cr.	hr.
◎General Education Courses	30	33
▲Basic Professional Courses (required by college)	19	19
※Required Professional Courses	39	44
Elective Professional Courses	40	40
☆All-out Defense Education Military Training	0	3
Total	128	139

C/E = Compulsory / Elective
Cr./hr.=Credit/Hour

Remarks:

- The university requires students to achieve basic competencies and meet graduation requirements.
- Students are required to take 4 hours of Service Education courses (0 credit) during their first year.
- In the first three years, students must take 16-30 credits per semester, and 9-30 credits per semester in the 4th year.
- Minimum credits required for graduation are 128 credits (88 required credits and at least 40 elective credits).
- No fewer than 28 professional elective credits are required with the exclusion of credits for inter-disciplinary programs.
Note: Inter-departmental elective credits are transferable.
- The training period of the Off-Campus Program: students may take the Off-Campus Program only in the fall semester and spring semester of their 4th academic year. They must select three off-campus courses including Business Management on the Shop Floor, Shop Floor Operations Practice, Business Information Management Practice, Employment Development Practice, Employment Ethics and Work Ethics and make up their required General Education course in other semesters. Those who choose not to participate in the Off-Campus internship Program can't take the three courses listed above.
- Students having graduated from a foreign country, including Hong Kong and Macau, with the equivalent of the second year of high school study of the ROC's high school sophomore level, or with a high school equivalent degree, need to take 140 credits including 88 compulsory credits, and at least 52 elective credits (including inter-departmental elective credits), while elective professional course credits shall not be fewer than 40 . The program can be extended up to 3 academic years.
- The elective courses are subject to change if necessary.