

Shih Chien University Department of Information Technology and Management (Undergraduate-Day school)
List of Required and Elective Courses Academic Year 2020Sept.~

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Course Type/Semester		1st Academic Year	2nd Academic Year	3rd Academic Year	4th Academic Year
General Required	1st	A1990-Physical Education [00] * Chinese (1) [2] E2001-College English (1) [2] * Character, morality and Rule of Law Education [2] * Programming for Applications [2]	A1990-Physical Education [00] E2003-College English (3) [2] * Family Science [1]	E2004-College English (4) [2] * The Art of Life [1]	* Graduation Threshold of English/Foreign Language Competence [00]
	2nd	A1990-Physical Education [00] * Chinese (2) [2] E2002-College English (2) [2]	A1990-Physical Education [00] * Historical Thinking and Civilizations [2]		
College Required	1st	Economics [2] Calculus [3] Commercial Law [2]	Statistics [3]		Business Ethic [2] Professional English (II) [2]
	2nd	Accounting [3] Management [3] Design Thinking [2]		Professional English (I) [2]	
Dept. Required	1st	Introduction to Programming Language [2] Introduction of Digital Media [2] Introduction to Computer System and Web Page Design [2]	Data Structures [2] Data Base Management [2] Information Network [2]	Systems Analysis and Design [2]	Seminar on Special Topics(II) [2] Information Security [2]
	2nd	Operations Research [3] Dynamic HTML Design [2] Information Law Ethics [2] Digital Media Design [2] Object-Oriented Programming [2]	Operating Systems [2] Information Management [2] Electronic Commerce [2] Project Management [2]	Seminar on Special Topics(I) [2] Internet Graphics [2]	
Dept. Elective	1st	Collegiate Programming Examination (1) [1]	Game programming [2] Network Security and Management [2] Social Computing [2]	Advanced 3D Animation & Image VR [2] Enterprise Resource Planning [2] Big Data Analysis [2] Digital Image Design [2] Advanced Data Base [2] Introduction of Electronic Circuit and IoT Practice [2] Digital TV and IPTV [2] Second Foreign Language: Bahasa Melayu (I) [2]	Virtual Reality [2] Information Management Industry Project [2] ▲ Information Management Internship (II) [2] Digital Innovation and Industry Applications [2] Second Foreign Language: Vietnamese (II) [2] Software Engineering [2] Introduction to Soft Computing and its Applications [2]

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Dept. Elective	2nd	Collegiate Programming Examination (2) [1]	Information Management Internship (IV) [2] Practices of Electronical Commerce [2] 3D Animation [2] Programming for Internet Application [2] Information Management and Cost Settlement Practice Application [2] Digital Marketing [2] Introduction to Analysis of Algorithms [2]	Advanced Information Network [2] Supply Chain Management [2] Data Mining and Business Intelligence [2] Mobile Device Programming [2] Computer Vision [2] Digital Video Edition [2] The practice and applications of OTT [2] Artificial Intelligence and Deep Learning [2] Second Foreign Language: Vietnamese (I) [2] Second Foreign Language: Bahasa Melayu (II) [2] Introduction to Neural Networks and Their Applications [2]	Customer Relation Management [2] Information Management Internship (III) [2] Operations Intelligence Analysis [2] Cloud Computing [2]
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Notes:

Required for graduation : 128 credits (General Required : 8, Required : 85 , Elective : 35)