University of California Irvine Dual Degree Program in Information Management and Data Science 113 Four-year Program in Curriculum

Compulsory Subject (Total 28 Credits) — University of California, Irvine

		Freshman				Sophomore				Junior				Senior	
Fall Semester	Credit(s)	Spring Semester	Credit(s)	Fall Semester	Credit(s)	Spring Semester	Credit(s)	Fall Semester	Credit(s)	Spring Semester	Credit(s)	Fall Semester	Credit(s)	Spring Semester	Credit(s)
Physical Education(Ⅰ)	0	Physical Education(Ⅱ)	0	English(Ⅲ)	1	English(Ⅳ)	1	General Education	2	General Education	2				
English(Ⅰ)	2	English(Ⅱ)	2	General Education	2	General Education	2	General Education	2						
General Education	2	General Education	2	General Education	2	General Education	2								
General Education	2	General Education	2												
6		**6**		**5**		**5**		**4**		**2**					

College Core Required : (Total 27 Credits)

		Freshman				Sophomore				Junior				Senior	
Fall Semester	Credit(s)	Spring Semester	Credit(s)	Fall Semester	Credit(s)	Spring Semester	Credit(s)	Fall Semester	Credit(s)	Spring Semester	Credit(s)	Fall Semester	Credit(s)	Spring Semester	Credit(s)
Accounting（Ⅰ)	3	The Introduction to Management	3	Statistics(Ⅰ)	3	Creative Thinking and Innovation Management	3			Enterprise Resource Planning Systems and Practice	3				
Introduction to Business Software	3	Economics（I）	3	Big Data Analytics and Business Intelligence (PBI/VBA)	3										
		Python Programming	3												
6		**9**		**6**		**3**				**3**					

College Core Elective (Total 3 Credits)

		Freshman				Sophomore				Junior				Senior	
Fall Semester	Credit(s)	Spring Semester	Credit(s)	Fall Semester	Credit(s)	Spring Semester	Credit(s)	Fall Semester	Credit(s)	Spring Semester	Credit(s)	Fall Semester	Credit(s)	Spring Semester	Credit(s)
Career Planning	3														
3															

Program Required (Total 24 Credits)

		Freshman				Sophomore				Junior				Senior	
Fall Semester	Credit(s)	Spring Semester	Credit(s)	Fall Semester	Credit(s)	Spring Semester	Credit(s)	Fall Semester	Credit(s)	Spring Semester	Credit(s)	Fall Semester	Credit(s)	Spring Semester	Credit(s)
Programming Design(I)	3	Programming Design(II)	3	JAVA Programming	3	Statistics(II)	3	Data Science	3						
Calculus（I）	3	Calculus（Ⅱ）	3	Linear Algebra	3										
6		**6**		**6**		**3**		**3**							

Elective Courses (Total 34 Credits) 【25 Primary Credits Selected, 9 Credits Selected form Others】

Freshman Fall	C	Freshman Spring	C	Sophomore Fall	C	Sophomore Spring	C	Junior Fall	C	Junior Spring	C	Senior Fall	C	Senior Spring	C
Business English Oral Training	3	IELTS English Advanced Vocabulary and Grammar	3	English Writing Communication and Practice	3	Business English Communication Skills	3	English Business Presentation Skills	3	Information Technology English Introduction	3	Computer and Network Security	3	Accelerated Data Analytics for Business Certificate Courses	3
												Introduction to Data Management	3	Intro to Python ProgrammingPython	3
Introduction to Computer Technology	3	Discrete Mathematics	3	Advanced Calculus(I)	3	Advanced Calculus(II)	3	Data Science	3	Neural Networks and Deep Learning	3	Introduction Visualization	3	Practical Math & Statistics for Data Science Python	3
		Introduction to Probability	3	Engineering Statistics	3			Science and Numerical Computing	3	Data Science Statistics	3	Neural Networks and Deep Learning	3	Professional Communication: Resume & Interview Skills Course	3
								Data Analysis and Computer Applications	3	Big Data Analysis and Visualization	3	A Choice of Accelerated Data Science Certifcate Courses OR UCI Undergraduate Major Courses	3	Application and Career Planning	3
								Algorithm	3			Analytical Writing and Verbal Reasoning (GRE)	3	Academic English Reading & Writing	3
												Internship Practicum course	3	Scientific Writing	3

Total Credits for Graduation: 128 【Credits of School Common Compulsory (Mandatory) Courses: 28 (Including 22 Credits of Diversified General Education Courses) + College Core Required 27 Credits + College Required Elective 3 Credits + Program Required 24 Credits + Elective Courses (Total 34 Credits)【25 Primary Credits Selected, 9 Credits Selected form Others+ 12 Credits of Courses of University of California, Irvine】

Note :

I.The "non-credit-related requirements for graduation" shall be handled in accordance with the school's regulations.

II..The above (listed) course information is subjected to the courses offered in the current semester.