Undergraduate Training Program for Marketing
(Digital Marketing)

Major code: 120202 Major name: Marketing (Digital Marketing)

Subject: Management (12) Business Administration (1202)

1. Major Introduction

The Marketing major began enrollment in 1991 and was approved as a characteristic major construction point for higher education institutions in Henan Province in 2010. In 2011, it was awarded the title of Excellent Teaching Team in Henan Province. The business administration discipline of the major was selected as one of the seventh, eighth, and ninth batches of key disciplines in Henan Province. In 2014, it began recruiting graduate students in the field of marketing management. Since its establishment, it has produced more than 3000 graduates for the aerospace industry and local economy.

The marketing major adheres to the educational philosophy of "morality first, teaching center, quality first, and education oriented". After years of development, it has gradually formed the following characteristics and advantages: (1) based on local economy, highlighting aviation characteristics. The marketing major is aimed at regional economic and social development, as well as the aerospace industry, to meet the talent demand for high-quality strategic development of the aerospace industry and local economy. (2) Keeping up with the forefront of the times and highlighting digital features. The marketing major is based on the digital economy and service economy, focusing on the deep integration of "digital economy+ marketing", focusing on new marketing trends such as customer innovation, service digitization and intelligence, artificial intelligence marketing, social media marketing, big data marketing, etc., strengthening the application orientation of scenarios, and building a new knowledge system of "digital+ marketing". (3) Strengthen the integration of management and engineering, and cultivate composite talents. The

marketing major relies on the school's resource advantages in high-end manufacturing industries such as aviation and aerospace, highlighting the importance of engineering and technology courses in the process of cultivating management talents, cultivating marketing professionals with engineering and technology backgrounds, and meeting the industry's demand for composite talents.

2. Training Objectives

The Marketing (Digital Marketing) major follows the concept of new business construction, serving the national aviation and aerospace power strategy and regional economic and social development, aiming to cultivate well-rounded development of morality, intelligence, physical fitness, aesthetics, and labor, with basic knowledge of management, economics, information technology, law, etc., mastering modern marketing methods and digital marketing basic skills, familiar with general aviation product marketing practice skills, possessing innovative thinking, entrepreneurial spirit, social responsibility, marketing professional ethics, marketing big data analysis and other abilities. It is a composite management talent who can engage in market research, sales management, marketing planning, e-commerce, digital marketing and other professional work in industrial and commercial enterprises, government agencies, public institutions, as well as aviation passenger transport, general aviation and other fields.

After about 5 years of work practice after graduation, the expected goals for students are:

1. Character literacy. Being able to practice the core socialist values, possessing patriotic emotions, and having a correct outlook on life and values; Being able to identify ethical dilemmas and challenges in the business environment, analyze ethical issues in the business environment, and propose appropriate solutions; Having rich humanistic heritage, sensitive ethical awareness, good professional ethics and professional qualities.

- 2. Digital capability. Understand the cutting-edge dynamics and development trends of digital marketing in the field of marketing, and systematically master the general knowledge of business such as management and economics, as well as the theories and methods related to marketing; Having digital marketing thinking, mastering the ability to analyze marketing data and digital marketing skills; Capable of organizing, planning, and managing digital marketing.
- 3. Innovative consciousness and pioneering spirit. Having a global perspective and the ability to apply integrated thinking to analyze and solve problems. Having a good sense of innovation and being able to integrate it into practical marketing related work such as sales organization, marketing promotion, and marketing planning.
- 4. Sustainable development capability. In the rapidly evolving digital economy era of knowledge, being able to keep up with the times, quickly adapt to changes in social needs, widely utilize internal and external resources to continuously improve personal professional knowledge and skills, and establish a lifelong learning philosophy.
- 5. Management and communication skills. Having effective oral communication skills, written professional communication skills, and strong interpersonal communication and coordination abilities; Having a sense of teamwork, able to effectively complete team collaboration, and able to create value for the team and society in various environments, competent for positions such as middle-level management in enterprises.

3. Graduation requirements

1. Business knowledge

- 1.1 Possess general knowledge in business disciplines such as management, economics, statistics, psychology, sociology, and data science;
- 1.2 Master modern marketing theories and methods, possess professional knowledge in product sales and market promotion, marketing research and data analysis, marketing planning or management, etc.

2. Tool application capability

- 2.1 Proficient in commonly used computer related skills, possessing data analysis abilities such as Python language, data cleaning, and data mining;
- 2.2 Master the use of basic

tools related to marketing (data visualization tools such as Power BI, as well as marketing analysis tools such as SPSS and AMOS).

3. Marketing Planning

- 3.1 Planning plan, process, methods, and implementation (including creative planning);
- 3.2 Able to write corresponding planning documents.

4. Product sales and market research

- 4.1 Possess the ability to sell goods. Having a general foundation in business and specialized knowledge in marketing, being aware of laws and regulations related to economic activities, mastering scientific business communication methods, possessing a global market perspective, and capable of handling positions such as enterprise marketing management;
- 4.2 Possess market research and analysis capabilities. Ability to apply and analyze theories in statistics, economics, management, psychology, and related industries such as aviation economics, finance, and retail. Proficient in survey tools, familiar with survey procedures, and skilled in survey methods. Able to independently design survey plans and questionnaires, proficient in accurate data analysis methods, and able to write high-quality survey analysis reports. Capable of handling positions such as market research and development in enterprises.

5. Innovative spirit

- 5.1 Cultivation of innovative consciousness. Cultivate a thirst for knowledge, respect curiosity, and problem oriented thinking logic, and encourage self-directed learning. Learn to approach problems from multiple perspectives and perspectives, and propose solutions;
 - 5.2 Innovation and entrepreneurship education practice, internships, etc.

6. Career Development

- 6.1 Able to practice socialist core values, possess good ethical and professional conduct, have a high sense of social responsibility, and a sense of mission towards the profession;
- 6.2 In the Internet era with rapidly updated knowledge, we can keep pace with the times, quickly adapt to changes in social needs, widely use internal and external resources to constantly improve our professional knowledge and skills, and establish the concept of lifelong learning.

7. Communication and Cooperation

- 7.1 Possess strong oral and written communication skills;
- 7.2 Possess good interpersonal relationships, as well as a strong sense of cooperation and teamwork.

8. Humanistic literacy

Based on the study and influence of traditional culture, history, art, and other humanistic knowledge, gradually enhance cultural taste, aesthetic taste, and artistic cultivation;

8.2 Physical and mental health, possessing good moral cultivation, and having a sound personality.

9. Scientific literacy

- 9.1 Cultivation of Scientific Thinking. Developing independent thinking skills and enhancing critical thinking abilities for analyzing and solving problems;
- 9.2 Training in scientific methods (data acquisition, qualitative and quantitative analysis of marketing, literature search, academic paper writing, etc.).

Table 1: Support Matrix of Graduation Requirements for Training Objectives

training objectives Graduation requirements	Training Objective 1	Training Objective 2	Training Objective 3	Training Objective 4	Training Objective 5
Graduation Requirement 1		\checkmark	V		
Graduation Requirement 2		\checkmark			
Graduation Requirement 3		$\sqrt{}$			$\sqrt{}$
Graduation Requirement 4		\checkmark	V		$\sqrt{}$
Graduation Requirement 5	$\sqrt{}$		$\sqrt{}$		

Graduation Requirement 6			V	
Graduation Requirement 7				$\sqrt{}$
Graduation Requirement 8	\checkmark			
Graduation Requirement 9	_	√ √	V	

Note: The supporting relationship between graduation requirements and training objectives is indicated by a " $\sqrt{}$ ".

4. Core courses

Management, Principles of Accounting, Marketing, Organizational Behavior, Macroeconomics, Microeconomics, Introduction to Digital Marketing, Consumer Behavior, Business Big Data, Marketing Data Analysis, Text Analysis and Data Mining, Digital Supply Chain Management, Omnichannel and Sales Management, Market Research, Marketing Planning (Cases), E-commerce Theory and Application, Big Data Marketing, Business Etiquette and Communication, New Media Operations, Navigation Marketing Theory and Practice, etc.

5. Education System and Degree

Duration of study: The basic education system for this major is 4 years, and a flexible education system of 3-7 years is implemented.

Conferring degree: Bachelor of Management.

6. Course Structure and Credit Requirements

Students are required to take at least 160+5 (extracurricular) credits within the school's designated time, totaling 165 credits, in order to graduate. The minimum credit requirements for various courses are shown in Table 2.

Table 2: Credit Composition of Curriculum System

			136 credits in theoretic	cal teaching			
	Compulsory cou	urses have 114 credits, a	accounting for 85.98%, while	e elective courses have 22 credit	s, accounting for 14.02%	Concentrated practical	
	General Ed	lucation Course				teaching (Compulsory)	second class
	Compulsory	take as an elective course	Subject Basic Course	specialized course	Personalized courses		
credit	67.5 4		25.5	21	18	24	5
proportion	44	4.69%	15.94%	13.13%	11.25%	14.99%	5

Note: "()" refers to the experimental (practical)/computer credits included in various theoretical courses, with a percentage of the total credits, rounded to two decimal places.

8. Guiding Teaching Process Table

Teaching Progress Table of Marketing (Digital Marketing)

Major

Cour se categ ory	p	Course code	Course Name	Course nature	credit	Total class hours	Lectur e hours	Experi mental (practi cal) hours		Weekly study hours	start class semester
		GB001B	ESLI (1)	Compu Isory	3.0	54	54	0	0	4	1
		JB00001A	Artificial Intelligence and Future	Compu Isory	3.0	54	36	0	18	4	1
		MK 00004A	Ideological and Moral Cultivation and Basic Law Education	Compu Isory	3.0	54	44	10	0	4	1
		KB003C	Advanced Mathematics II (A)	Compu Isory	3.0	54	54	0	0	4	1
		XB014A	Situation and Policy I	Compu Isory	0.25	8	8	0	0	2	1
		9500001A	Career Planning for College Students	Compu lsory	1.0	16	16	0	0	2	1
		YB127A	Physical Education (I)	Compu lsory	1.0	38	38	0	0	2	1
		YB006B	Military Theory and National Security	Compu Isory	3.0	48	44	4	0	3	1
Gene		XB003B	Outline of Modern and Contemporary Chinese History	Compu Isory	3.0	54	44	10	0	3.5	2
ral Educ	No	JB004B	Python Programming Design	Compu Isory	3.0	48	32	0	16	3	2
ation Com	grou p	9700001A	Mental Health for College Students	Compu Isory	2.0	32	32	0	0	2	2
pulso ry	numb er	XB014B	Situation and Policy II	Compu Isory	0.25	8	8	0	0	2	2
Cour se		GB002C	ESLI (2)	Compu Isory	3.0	54	54	0	0	3	2
		KB004C	Advanced Mathematics II (B)	Compu Isory	5.0	90	90	0	0	5	2
		MK00001A	Basic Principles of Marxism	Compu Isory	3.0	54	44	10	0	3	2
		YB127B	Physical Education (II)	Compu Isory	1.0	32	32	0	0	2	2
		GB003C	ESLI (3)	Compu Isory	3.0	54	54	0	0	3	3
		YB127C	Physical Education (III)	Compu Isory	1.0	42	42	0	0	2	3
		KB009B	Probability Theory and Mathematical Statistics	Compu Isory	3.5	64	64	0	0	4	3
		Introduction to Mao Zedong Thought XB004C and Socialist Theoretical System with Chinese Characteristics		Compu lsory	3.0	54	44	10	0	3	3
		LB001A	College Chinese	Compu Isory	2.5	40	40	0	0	3	3

Cour se categ ory	р	Course code	Course Name	Course nature	credit	Total class hours	Lectur e hours	Experi mental (practi cal) hours	pute	Weekly study hours	start class semester
		BB539A	Innovation and Entrepreneurship Foundation	Compu Isory	2.0	32	24	8	0	2	3
		XB014C	Situation and Policy III	Compu Isory	0.25	8	8	0	0	2	3
		YB127D	Physical Education (IV)	Compu Isory	1.0	32	32	0	0	2	4
		XB014D	Situation and Policy IV	Compu Isory	0.25	8	8	0	0	2	4
		XB013A	Introduction to Xi Jinping's Thought on Socialism with Chinese Characteristics for a New Era	Compu	3.0	54	44	10	0	3	4
		GB004B	ESLI (4)	Compu Isory	3.0	54	54	0	0	3	4
		KB008B	Linear Algebra	Compu Isory	2.5	46	46	0	0	3	4
		XB014E	Situation and Policy V	Compu Isory	0.25	8	8	0	0	2	5
		XB014F	Situation and Policy VI	Compu Isory	0.25	8	8	0	0	2	6
		9500002A	Employment Guidance	Compu Isory	1.0	16	16	0	0	2	6
		XB014G	Situation and Policy VII	Compu Isory	0.5	8	0	8	0	2	7
			Aesthetic Education	Compu Isory	2.0	0	0	0	0	0	0
			The Histories of the Party, New China, the Reform and Opening-up, and Socialist Development	Compu Isory	1.0	0	0	0	0	0	0
			Subtotals by category		67.5	1226	1122	70	34		
Gene ral electi	not have	OX001B	Aviation Conspectus	take as an electiv e course	2.0	32	32	0	0	2	2
ve cours es	grou p name	500937	Mechanical Manufacturing Engineering	take as an electiv e course	2.0	36	36	0	0	3	2
			Subtotals by category		4.0	68	68	0	0		
Subje		WB001A	Introduction of Subjects	Compu Isory	1.0	16	16	0	0	1	1
ct	No grou	DD/10A wianagement		Compu Isory	3.0	48	48	0	0	3	2
based cours	p numb		Accounting Principles	Compu Isory	3.0	48	48	0	0	3	2
es	er		Database Principle and Application	Compu Isory	3.0	48	40	0	8	3	3
		CB101B	Microeconomics	Compu	3.0	48	48	0	0	3	3

Cour se categ ory	р	Course code	Course Name	Course nature	credit	Total class hours	Lectur e hours	Experi mental (practi cal) hours	pute	Weekly study hours	start class semester
				lsory							
		BB981C	Organizational Behavior	Compu Isory	2.5	40	40	0	0	3	3
		BB801A	Marketing	Compu Isory	2.5	40	40	0	0	3	3
		CB102B	Macroeconomics	Compu Isory	3.0	48	48	0	0	3	4
		BB819A	Introduction to Digital Marketing	Compu Isory	2.0	32	32	0	0	2	4
		CB005A	Statistics	Compu Isory	2.5	40	40	0	0	3	5
			Subtotals by category		25.5	408	400	0	8		
		BB812A	Consumer Behavior	Compu Isory	2.5	40	40	0	0	3	4
			Principle and Application of E-commerce	Compu Isory	2.0	32	24	8	0	2	4
mono		BX710A	Innovation Management	Compu Isory	2.5	40	40	0	0	3	5
poliz e	No	BB835A	Digital Supply Chain Management	Compu Isory	2.5	40	40	0	0	3	5
line of busin	grou p numb		Business Etiquette and Communication	Compu Isory	2.0	32	32	0	0	2	5
ess	er		Marketing Planning (Case)	Compu Isory	2.5	40	32	8	0	2	6
e		BB816A	Market Research	Compu Isory	3.0	48	32	16	0	2	6
		BB836A	Omni-channel and sales management	Compu Isory	2.0	32	32	0	0	2	6
		BB805A	Big Data Marketing	Compu Isory	2.0	32	32	0	0	2	7
			Subtotals by category		21.0	336	294	32	0		
		BX930A	Psychology	take as an electiv e course	2.0	32	32	0	0	2	3
Perso		LB018A	Practical Writing	take as an electiv e course	2.5	40	40	0	0	3	3
nalize d	Abil	BB715A	Business Ethics	Compu Isory	2.0	32	32	0	0	2	4
es	ity mod ule	200204	Service Marketing	take as an electiv e course	2.0	32	32	0	0	2	4
		AB119A	Fundamentals of Business Law	take as an electiv e course	2.0	32	32	0	0	2	4

gı	grou p num ber	Course code	Course Name	Course nature		Total class hours	Lectur e hours	(practi	pute	Weekly study hours	start class semester
		BB702A	Company Strategy Management	take as an electiv e course		48	48	0	0	3	5
			Marketing Management (Bilingual Instruction)	take as an electiv e course	2.5	40	40	0	0	3	5
		BX825B	International Marketing	take as an electiv e course	2.0	32	32	0	0	2	5
		BB833A	New Media Operation	take as an electiv e course		40	32	0	8	3	6
		BX826B	Brand Management	take as an electiv e course	2.0	32	32	0	0	2	6
		BB826A	Internet Product Planning	take as an electiv e course	2.5	40	32	0	8	3	6
		BX827A	Marketing of NPO	take as an electiv e course	2.0	32	32	0	0	2	7
		AX616A	The Frontier of Marketing Theory and Thesis Writing	take as an electiv e course		32	32	0	0	2	7
		Subtitle o	f the group (at least 7.5 credits must be	taken in	-	up, with	"*" ind	icating 1	recom	mended p	oriority
		AX705A	The Base of Business Big Data	take as an electiv e course	I	48	16	0	32	0	4
da an ys mo	II data anal ysis mod	BB837A	Marketing Data Analysis	take as an electiv e course	3.0	48	32	0	16	3	5
	ule	AX122A	Text Analysis and Data Mining	take as an electiv e course	2.0	32	32	0	0	4	5
		BB828A	Social Network Analysis	take as	2.0	32	32	0	0	0	7

Cour se categ ory	р	Course code	Course Name	Course nature	credit	Total class hours	Lectur e	(practi	pute	Weekly study hours	start class semester			
				an electiv										
				e										
		Subtitle of th	e group (at least 8 credits must be taken	course	**01149 11	;;+b !!*!! ;	ndiantin	~ *222*	mand	ad neigei	try algotiva			
		Subtitle of th	le group (at least 8 credits must be taken	course	-	'Iuii i	naican	ig recon	mena	eu priori	ty elective			
				take as	-									
		PB001B	Introduction to Civil Aviation	an electiv	2.0	32	32	0	0	2	4			
				e					Ť	_				
				take as										
	ш		Legal Channel of Flying Around the	an										
	III Avia		World	electiv	2.0	32	32	0	0	2	5			
	tion			course										
	char			take as										
	acter		Marketing Theory and Practice in	an electiv	2.5	40	40	0	0	3	6			
	istic mod		General Aviation	e										
	ule			take as										
		BX714B		an										
			Aeronautics Corporate Culture	electiv e	2.0	32	32	0	0	2	6			
				course										
		Subtitle of the group (at least 2.5 credits must be taken in this group, with "*" indicating recommended prior												
		elective courses)												
			Subtotals by category											
		YS001A	Military Training	practic e	2.0	+2	0	0	0	0	1			
		DC512D	Comition Propries	practic	1.0	+1	0	0	0	2	2			
		BS513B	Cognition Practice	e	1.0	+1	0	U	0		2			
Conce ntrate		9600901B	Metalworking Practice B	Compu Isory	2.0	+2	0	0	0	0	4			
d	No	BS806A	Comprehensive Experiment of	practic	1.0	+1	0	0	0		5			
practi	1	D3000A	Marketing	e	1.0	⁺¹	0	0	0		3			
cal teachi	p	D G 6 6 5 D	Marketing Professional Practice	practic										
ng	ber	BS805B	(Market Survey)	e	1.0	+1	0	0	0		6			
segme nt			Enterprises Operation Comprehensive Training	Compu Isory	1.0	+1	0	0	0	1	7			
		AS811A	Specialty Internship	Compu Isory	4.0	+4	0	0	0	0	8			
		AS886B	Thesis	Compu Isory	12.0	+12	0	0	0	0	8			
		i	Subtotals by category		24.0	24	0	0						

9. Study requirements

1. Course requirements for "Graduation Thesis"

The course of "Graduation Thesis" is conducted in accordance with the "Management Measures for the Four Year Consistent System of Graduation Thesis (Design) at Zhengzhou Aviation Institute" (School Teaching Letter [2019] No. 24), and adopts a "2+2+8" model, with 2 credits in the 4th and 6th semesters and 8 credits in the 8th semester.

2. Personalized course requirements

Personalized course requirements: The first group of general ability module courses should be completed with no less than 7.5 credits, the second group of data analysis module courses should be completed with no less than 8 credits, and the third group of marketing frontier module courses should be completed with no less than 2.5 credits; Courses marked with * in Module I, Module II, and Module III must be given priority.

3. Second Class

As one of the eligibility criteria for graduation, students must complete at least 5 credits for extracurricular activities. The second class activities include six categories: ideological growth, group learning experience, practical services, technological innovation, cultural and sports activities, and skill training. It is required that at least three of the six categories of activities do not score zero. The allocation of credits shall be assessed and implemented in accordance with the "Implementation Measures for the Second Class Transcript System for Undergraduate Students at Zhengzhou University of Aeronautical Industry Management (Trial)".

4. Special focus on aesthetic education

At least 2 credits must be taken in 8 courses including music appreciation, art appreciation, film and television appreciation, drama appreciation, dance appreciation, calligraphy appreciation, opera appreciation, and art introduction.

5. Special Project on Four Histories

The Four Histories Special Program includes the history of the Communist Party of China, the history of New China, the history of reform and opening up, and the history of socialist development. At least one credit must be taken and completed in the first and second year of college.

10. The correlation matrix between the curriculum system and graduation requirements

Curriculum	cre	Graduation								
system	dit	Requirement 1	Requirement 2	Requirement 3	Requirement 4	Requirement 5	Requirement 6	Requirement 7	Requirement 8	Requirement 9
College English I	3.0	V						V		√
Artificial Intelligence and the Future	3.0		V							
Ideology, Morality, and Rule of Law	3.0								V	
Advanced Mathematic s II (1)	3.0	V					V			√
Situation and Policy (1)	0.2									√
Career Planning for College Students	1.0						٧			
Sports (1)	1.0								$\sqrt{}$	
Military Theory and National Security	3.0					٧	٧		V	

Curriculum	cre	Graduation								
system	dit	Requirement 1	Requirement 2	Requirement 3	Requirement 4	Requirement 5	Requirement 6	Requirement 7	Requirement 8	Requirement 9
the outline of Chinese modern history	3.0								V	
Python Programmin g	3.0								V	
Psychologic al Health of Undergradu ate	2.0								٧	V
Situation and Policy (2)	0.2		V							V
College English I	3.0	V						√		√
Advanced Mathematic s II (2)	5.0	V	V							V
Basic Principles of Marxism	3.0		V							V
Sports (2)	1.0								√	
College English I	3.0	V						V		V

Curriculum	cre	Graduation								
system	dit	Requirement 1	Requirement 2	Requirement 3	Requirement 4	Requirement 5	Requirement 6	Requirement 7	Requirement 8	Requirement 9
Sports (3)	1.0								\checkmark	
Probability theory and mathematic al statistics	3.5	V	V							V
Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characterist ics	3.0								V	
College Chinese	2.5								√	√
Fundamenta ls of Innovation and Entrepreneu rship	2.0					V	V	V		
Situation and Policy (3)	0.2 5		V							V

Curriculum	cre	Graduation								
system	dit	Requirement 1	Requirement 2	Requirement 3	Requirement 4	Requirement 5	Requirement 6	Requirement 7	Requirement 8	Requirement 9
Sports (4)	1.0								√	
Situation and Policy (4)	0.2		V							√
Introduction to Xi Jinping's Thought on Socialism with Chinese Characterist ics for a New Era	3.0								V	
College English I (4)	3.0	V						V		$\sqrt{}$
linear algebra	2.5	$\sqrt{}$	V							\checkmark
Situation and Policy (5)	0.2 5		٧							$\sqrt{}$
Situation and Policy (6)	0.2 5		٧							V
employment guidance	1.0					V	V			

Curriculum	cre	Graduation								
system	dit	Requirement 1	Requirement 2	Requirement 3	Requirement 4	Requirement 5	Requirement 6	Requirement 7	Requirement 8	Requirement 9
Situation and Policy (7)	0.5		V							√
Art Education Special Project	2.0								V	
Four History Special Project	1.0								V	
Introduction to Aviation	2.0								√	√
Mechanical Manufacturi ng Engineering	2.0								V	√
Subject Introduction	1.0	V								
managemen t	3.0	√			√				√	
Principles of Accounting	3.0	V			√				V	
Database Principles and Application s	3.0		٧							
Microecono mics	3.0	V		V	√					

Curriculum	cre	Graduation								
system	dit	Requirement 1	Requirement 2	Requirement 3	Requirement 4	Requirement 5	Requirement 6	Requirement 7	Requirement 8	Requirement 9
Organizatio nal Behavior	2.5	V		V	V					
Marketing	2.5	√	√	V	√					
macroecono mics	3.0	V		V	V					
Introduction to Digital Marketing	2.0	V	V	V	V					
statistics	2.5	V	V	V	V					
Consumer behavior	2.5	V		√	V					
Theory and Application of E-commerc e	2.0	V		V	V					
Innovation managemen t	2.5				V					√
Digital Supply Chain Managemen t	2.5	V		V	V					
Business Etiquette and Communica	2.0			V	V			V	V	

Curriculum	cre	Graduation								
system	dit	Requirement 1	Requirement 2	Requirement 3	Requirement 4	Requirement 5	Requirement 6	Requirement 7	Requirement 8	Requirement 9
tion										
Marketing Planning (Case Study)	2.5	V		V	٧					
Market Research	3.0	√		V	√					
Omni-chann el and Sales Managemen t	2.0	V		V	V					
Big data marketing	2.0	√		√	√					
psychology	2.0	√			√					
applied writing	2.5							√	√	\checkmark
Business ethics	2.0				V		V		V	
Service marketing	2.0			$\sqrt{}$	√			V	√	
Fundamenta ls of Commercial Law	2.0	V					V		V	
Enterprise Strategic Managemen t*	3.0	V		V						
Marketing Managemen	2.5	V	V	V	√					

Curriculum	cre	Graduation								
system	dit	Requirement 1	Requirement 2	Requirement 3	Requirement 4	Requirement 5	Requirement 6	Requirement 7	Requirement 8	Requirement 9
t (Bilingual)										
Internationa l marketing	2.0	V		V	V					
New Media Operations*	2.5	√		$\sqrt{}$	√					
brand managemen t	2.0	V		V	V					
Internet product planning*	2.5			V	V					
Non profit Organizatio n Marketing	2.0			$\sqrt{}$	V					
Frontiers of Marketing Theory and Paper Writing	2.0	V			V	V				
Business big data	3.0		V							√
Marketing data analysis	3.0		V							√
Text Analysis and Data Mining	2.0		\							V
Social Network Analysis	2.0		V							√

Curriculum	cre	Graduation								
system	dit	Requirement 1	Requirement 2	Requirement 3	Requirement 4	Requirement 5	Requirement 6	Requirement 7	Requirement 8	Requirement 9
Introduction to Civil Aviation	2.0			V	V				V	
A legal waterway flying all over the world	2.0			V	V				V	
Theory and Practice of General Aviation Marketing	2.5			V	V				٧	
Aviation corporate culture	2.0			V	V				V	
military training	2.0								√	
Cognition Practice	1.0	√							√	
Engineering Training B	2.0								V	√
Marketing Comprehen sive Experiment	1.0	V	V	$\sqrt{}$	V		V			V
market research	1.0	√	~	\checkmark	√					√
VBSE Cross disciplinary Comprehen sive Training	1.0									V

Curriculum	cre	Graduation								
system	dit	Requirement 1	Requirement 2	Requirement 3	Requirement 4	Requirement 5	Requirement 6	Requirement 7	Requirement 8	Requirement 9
internship	4.0	√							√	√
Graduation Thesis (Design)	12. 0	V							V	√

Note: Supporting relationships are represented by " $\sqrt{}$ " respectively.