

Undergraduate Training Program for Financial Management

Major Code: 120204 Major Name: Financial Management

Discipline: Management (12); Business Administration (1202)

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1、 Major Introduction

This major was established in 1998. After more than 20 years of accumulation and development, it became a characteristic major in Henan Province in 2012 and was selected as a national first-class undergraduate major construction site in 2021. It has now become an important training base for senior financial and accounting talents in Henan Province and the aviation industry system.

This major adheres to the original mission of cultivating morality and talents, and insists on the educational characteristics of "aviation as the foundation and the combination of management and engineering". It is committed to cultivating high-quality composite financial management application talents with socialist core values, a high sense of social responsibility and the mission of aviation to serve the country, high humanistic literacy and innovative practical ability. With knowledge and abilities in management, economics, finance, big data, etc., it serves the development of the aviation industry and regional economy, and is competent in financial work of enterprises, institutions, governments and other units. It has formed the professional characteristics of "aviation + manufacturing + financial management", laying a solid foundation for students to realize the value of life.

2、 Training Objectives

This major aims to cultivate financial management application talents with socialist core values, humanistic heritage, professional ethics, and a sense of aviation mission for society. Graduates should be capable of fulfilling the job requirements of financial management. After about 5 years of enterprise management practice after graduation, one should grow to possess profound business thinking and business knowledge, master the foundation of economics and management knowledge, have solid professional knowledge in accounting and financial management fields such as fundraising, investment, operation, profit distribution, etc., possess basic abilities in financial forecasting, decision-making, budgeting, control, analysis, etc., know accounting and financial management practices at home and abroad, and be competent in practical work of accounting, financial management, and capital operation in aviation manufacturing industry, local enterprises, accounting firms, government departments, financial institutions and other fields. The specific objectives are as follows:

1. Possess comprehensive application capabilities. Having a solid foundation in humanities, mathematics, information technology, economics, management, and other fundamental knowledge, mastering the basic theories, methods, and skills of financial management, enabling students to

have strong competitiveness in relevant certification exams, mastering scientific research methods, understanding the latest trends and developments in the field of financial management, comprehensively applying professional knowledge such as financial management, economics, statistics, etc. to identify and analyze key issues, and draw conclusions.

2. Possess management and communication skills. Understand the basic principles and methods of marketing, research and development, production processes, and production management in the aviation manufacturing industry, and be able to undertake cost management and fund management in the product production process. Having effective verbal communication skills, written professional communication skills, strong interpersonal communication skills, communication and coordination abilities, and a sense of teamwork, capable of effectively completing team collaboration. Capable of holding positions such as middle-level management in enterprises.

3. Possess innovative ability. Being able to identify key issues in the field of financial management, comprehensively analyze problems, and make evaluations. Having business and critical thinking skills, capable of utilizing information technology and business theory to provide systematic solutions for manufacturing enterprises in areas such as fund management, investment management, risk control, and asset security, and utilizing modern management tools to support economic forecasting, decision-making, budgeting, control, and evaluation. Capable of holding positions such as Chief Financial Officer.

4. Possess the ability to develop. Understand the national, social, and commercial environment, and master the basic policies and relevant regulations in the fields of national economy and management; Understand the international cutting-edge trends and differences in the field of financial management, possess an international perspective, and be able to communicate across cultures; Having a passion for exploring the unknown, keen observation ability, rich imagination ability, and lifelong learning ability, able to adapt to social and personal sustainable development.

5. Possess professional ethics. Being able to practice socialist core values, identify ethical and moral dilemmas and challenges in the business environment, analyze ethical and moral issues in the business environment, and propose appropriate solutions. Having rich humanistic heritage, sensitive ethical awareness, good professional ethics and social responsibility, as well as a high sense of mission towards aviation.

3、 Graduation requirements

1. Business knowledge. Having a solid foundation in humanities, mathematics, information technology, economics, management, and professional knowledge in financial accounting, mastering scientific research methods, and understanding the latest developments and trends in the field of financial management.

2. Thinking and Innovation. Having discerning thinking and innovative ability. Being able to identify, analyze, question, and evaluate phenomena and issues related to financial management and economic operations, draw conclusions, and express personal opinions.

3. Solve the problem. Being able to identify key issues in the field of financial management, comprehensively analyze problems, and make evaluations. Capable of solving management and control problems across various functional and cross functional departments, able to conduct comprehensive analysis and research on complex issues in this professional field, and propose corresponding countermeasures.

4. Using tools. Be able to apply mathematical knowledge, statistical knowledge, information technology methods and tools appropriately to solve practical problems.

5. Communication and expression. Has strong communication and expression skills. Being able to communicate effectively through different ways of expression.

6. Teamwork. Have a good sense of teamwork. Being able to get along harmoniously with team members, collaborate and work together, and play an active role as a member or leader in team activities.

7. International perspective. Having an international perspective and understanding. Understand the dynamics of international business management, pay attention to global issues, and understand and respect the differences and diversity of different cultures around the world.

8. Lifelong learning. Having the awareness of self-learning and lifelong learning, able to adapt to social and personal sustainable development.

9. Comprehensive literacy and values. Having humanistic heritage, scientific spirit, professional ethics, and a sense of social responsibility, understanding national and social conditions, and practicing socialist core values.

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	√				
Graduation Requirement 2			√		
Graduation Requirement 3	√	√	√		
Graduation Requirement 4	√				
Graduation Requirement 5		√			
Graduation Requirement 6		√		√	
Graduation				√	

Requirement 7					
Graduation Requirement 8				√	
Graduation Requirement 9					√

4、 Core courses

Microeconomics, Macroeconomics, Finance, Public Finance, Investment, Management, Economic Law, Basic Accounting, Financial Accounting, Cost Management Accounting, Corporate Financial Management, Advanced Financial Management, Financial Analysis, Capital Operations, Corporate Strategy and Risk Management, Western Financial Management (bilingual), 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 to 7 years is implemented.

Conferring degree: Bachelor of Management.

6、 Course Structure and Credit Requirements

Students are required to complete at least 160+5 credits (second class) within the designated time frame set by the school in order to graduate. The minimum credit requirements for various courses are shown in the table below.

Table 2: Credit Composition of Curriculum System

	129.5 credits for theoretical teaching					Concentrated practical teaching (Compulsory)	second class
	Compulsory courses have 97.5 credits, accounting for 75.3%, while elective courses have 32 credits, accounting for 24.7%						
	General Educati on Course		Subject Basic Course	specialized course	Personalized courses		
	Compulsor y	take as an electi ve cours e					
credit	65	7	15	17.5	25	30.5	5
proportio n	45%		9.37%	10.94%	15.63%	19.06%	

Note: "()" refers to the experimental (practical)/computer credits included in various theoretical courses.

8、 Teaching Progress Table

Teaching Progress Table of Financial Management Major

Cour se cater gory	grou p num ber	course code	Course Name	course nature	credit	Gener al School time	give a lecture class hour	experi ment (Practi ce) class hour	Compu te r hour s	Week ly study hours	start class semeste r
Gene ral Educ ation Com pulso ry Cour se	not have grou p name	GB001A	ESLIA	Compu lsory	3.0	48	48	0	0	3	1
		JB005A	Fundamentals of Computer	Compu lsory	2.0	32	16	0	16	2	1
		KB003A	Calculus II A	Compu lsory	3.0	48	48	0	0	3	1
		MK00004 A	Morality and Law	Compu lsory	3.0	54	44	10	0	3.5	1
		YB005B	Military Theory	Compu lsory	2.0	36	32	4	0	2	1
		ZB002A	Introduction to Critical Thinking and Innovative Thinking	Compu lsory	0.5	10	10	-	-	1	1
		ZB005A	Career Planning for College Students	Compu lsory	1.0	16	16	0	0	2	1
		GB002B	ESLIB	Compu lsory	3.0	48	48	0	0	3	2
		JB004B	Python Programming Design	Compu lsory	3.0	48	32	0	16	3	2
		KB004A	Calculus II B	Compu lsory	5.0	80	80	0	0	5	2
		9700001 A	Mental Health Education of University Students	Compu lsory	2.0	32	32	0	0	2	2
		MK00001 A	Basic Principles of Marxism	Compu lsory	3.0	54	44	10	0	3.5	2
		XB003B	Outline of Modern and Contemporary Chinese History	Compu lsory	3.0	54	44	10	0	3	2
		ZB003B	Theory on Labor Education	Compu lsory	2.0	32	32	-	-	2	2
		GB003B	ESLIC	Compu lsory	3.0	48	48	0	0	3	3
		KB009A	Probability Theory and Mathematical Statistics	Compu lsory	3.5	56	56	0	0	4	3
		LB001A	College Chinese	Compu lsory	2.5	40	40	0	0	3	3
		XB004B	Introduction to Mao Zedong thought and Socialist Theoretical System with Chinese Characteristics	Compu lsory	5.0	90	64	26	0	4	3
		9600001 A	Basic Curriculum of College Students Innovative Undertaking	Compu lsory	2.0	32	24	8	0	2	3
		GB004A	ESLID	Compu	3.0	48	48	0	0	3	4

				lsory							
	KB008A	Linear Algebra	Compu lsory	2.5	40	40	0	0	3	4	
	ZB004A	National Security Education in Colleges	Compu lsory	1.0	16	16	0	0	2	4	
	ZB005B	Employment Guidance	Compu lsory	1.0	16	16	0	0	2	6	
	XB006A	Situation and Policy	Compu lsory	2.0	56	36	20	-	2	1-7	
		Special Sport	Compu lsory	4.0					1	1-4	
	——	Aesthetic Education	Compu lsory	2.0	32	32	0	0	2	1-8	
	——	The Histories of the Party, New China, the Reform and Opening-up, and Socialist Development	Compu lsory	1.0	16	16	0	0	2	1-4	
Subtotals by category				65.0	1082	962	88	32			
General elective courses	No group number	It includes four major categories: human civilization and cultural heritage, economic activities and social management, technological development and scientific spirit, growth enlightenment and general abilities, with a minimum of 4 credits required.									
Subtotals by category				7.0							
Subject based courses	not have group name	WB001A	Introduction of Subjects	Compu lsory	1.0	16	16	0	0	1	1
		eight hundred and one thousand and four	Fundamental Accounting Principles	Compu lsory	3.0	48	48	0	0	3	2
		BB718A	Management	Compu lsory	3.0	48	48	0	0	3	2
		CB101B	Microeconomics	Compu lsory	3.0	48	48	0	0	3	3
		AB119A	Fundamentals of Business Law	Compu lsory	2.0	32	32	0	0	2	4
		CB102B	Macroeconomics	Compu lsory	3.0	48	48	0	0	3	4
Subtotals by category				15.0	240	240	0	0			
monopolize line of business course	not have group name	AB102B	Financial AccountingI	Compu lsory	3.5	56	56	0	0	4	3
		AB103A	Financial Accounting II	Compu lsory	2.5	40	40	0	0	3	4
		AB306A	Corporate Financial ManagementI	Compu lsory	3.0	48	48	0	0	3	4
		AB306B	Corporate Financial Management II	Compu lsory	3.0	48	48	0	0	3	5
		AB303A	Advanced Financial Management	Compu lsory	2.5	40	40	0	0	3	6
		AB304B	Financial Analysis	Compu lsory	3.0	48	48	0	0	3	6
Subtotals by category				17.5	280	280	0	17.5	280	280	
		AB209C	Cost Management Accounting	take as an	3.5	56	52	4	0	4	4

Personalized courses	I			elective course							
		CB005A	Statistics	take as an elective course	2.5	40	40	0	0	3	4
		CB401B	Finance	take as an elective course	3.0	48	48	0	0	3	4
		AB106A	Advanced Financial Accounting	take as an elective course	3.0	48	48	0	0	3	5
		AB108B	Auditing	take as an elective course	3.0	48	48	0	0	3	5
		AX701A	Foundation of Commercial Big Data	take as an elective course	2.0	32	32	0	0	2	5
		AX307A	Capital Operation	take as an elective course	2.5	40	40	0	0	3	5
		AX205B	Corporate Strategy and Risk Management	take as an elective course	2.5	40	40	0	0	3	6
		AX306A	Multinational Financial Management (Bilingual)	take as an elective course	2.5	40	40	0	0	3	6
		AX702B	Business Big Data Practice	take as an elective course	2.0	32	0	0	32	2	6
		AB112A	Accounting Information System	take as an elective course	2.5	40	40	0	0	3	6
		BB715A	Business Ethics	take as an elective course	2.0	32	32	0	0	2	6

		CB420A	Theory of Investment	take as an elective course	2.5	40	40	0	0	3	6
		AX613A	Financial Management Literature Retrieval and Writing	take as an elective course	2.0	32	32	0	0	2	7
		Subtitle of the group (at least 16 credits must be taken in this group)			35.5	568	532	4	32		
	II	BB981C	Organizational Behavior	take as an elective course	2.5	40	40	0	0	3	3
		BX532A	Communication and Writing	take as an elective course	1.0	16	16	0	0	1	3
		LB032A	Speech and Eloquence	take as an elective course	2.0	32	32	0	0	2	3
		AX109C	Tax Accounting	take as an elective course	3.5	56	56	0	0	4	4
		200203	Business Communication	take as an elective course	2.0	32	32	-	-	2	5
		AX308A	Tax Planning	take as an elective course	2.0	32	32	0	0	2	5
		AX309A	Computer-based Financial Management	take as an elective course	2.5	40	40	0	0	3	5
		BX710A	Innovation Management	take as an elective course	2.5	40	40	0	0	3	5
		BX910B	Human Resources Management	take as an elective course	2.5	40	40	0	0	3	5

	CB400A	Public Finance	take as an elective course	2.5	40	40	0	0	3	5	
	AB206A	Asset Evaluation	take as an elective course	2.5	40	40	0	0	3	6	
	AX310B	Case Studies in Financial Management	take as an elective course	2.5	40	40	0	0	3	6	
	AX313A	Enterprise Operation Management	take as an elective course	2.5	40	40	0	0	3	6	
	AX314A	Enterprise Operations Research	take as an elective course	2.5	40	40	0	0	3	6	
	BX712A	Corporate Governance	take as an elective course	2.5	40	32	8	0	3	6	
	BB801A	Marketing	take as an elective course	2.5	40	40	0	0	3	7	
	CB403B	Management of Commercial Banks	take as an elective course	2.5	40	40	0	0	3	7	
	Subtitle of the group (at least 7 credits must be taken in this group)				40.5	648	640	8	0		
	III	OB001B	Aviation Conspectus	take as an elective course	2.0	32	32	-	-	2	2
PB001B		Introduction to Civil Aviation	take as an elective course	2.0	32	32	0	0	2	2	
BX714B		Aviation Corporate Culture	take as an elective course	2.0	32	32	0	0	2	4	

		FB102B	Mechanical Drawing II	take as an elective course	3.0	48	48	0	0	3	4
		HX070A	Legal Channel of Flying Around the World	take as an elective course	2.0	32	32	0	0	2	4
		FX621A	Mechanical Drawing	take as an elective course	2.5	40	36	4	0	3	5
		OX039A	Aviation Model Design and Making	take as an elective course	2.0	32	8	24	0	2	5
		Subtitle of the group (at least 2 credits must be taken in this group)			15.5	248	220	28	0		
		Subtotals by category			91.5	1464	1396	36	32		
Concentrated practical teaching segment	not have group name	YS001A	Military Training	practice	2.0	+2	0	0	0	2	1
		BS513B	Cognition Practice	practice	1.0	+1	0	0	0	1	2
		9600901B	Project Training B	practice	2.0	+2	0	0	0	2	3
		AS802A	Comprehensive Accounting Experiment	practice	2.0	+2	0	0	0	2	4
		AS808A	Financial Software Application	practice	2.0	+2	0	0	0	2	6
		AS805A	Sand Table in Financial Management	practice	2.0	+2	0	0	0	2	7
		AS811A	Professional Practice	practice	4.0	+4	0	0	0	4	7
		BS718A	VBSE Enterprises Operation Comprehensive Training	practice	1.0	+1	0	0	0	1	7
		ZS006A	Practice on Labor Education	practice	0.5	+1	-	-	-	-	2-7
		AS886B	Thesis	practice	12.0	+12	0	0	0	12	3-8
		ZS003A	Innovation and Entrepreneurship Practice	practice	2.0	+2	0	0	0	2	8
		Subtotals by category			30.5	31	0	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. Requirements for the Course of "Innovation and Entrepreneurship Practice"

The credits for "Innovation and Entrepreneurship Practice" are recognized according to the "Measures for the Recognition and Alternative Management of Undergraduate Innovation and Entrepreneurship Credits at Zhengzhou University of Aeronautical Industry Management" (Jiao [2020] No. 78).

3. Personalized course requirements

Personalized courses marked with an asterisk are core courses in the field of financial management, and it is recommended that students prioritize their studies.

4. 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)".

5. Sports specialties

At least 4 credits must be taken for sports majors, with 1 credit required for each of the 1-4 semesters.

6. 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.

7. Special Project on Four Histories

Study of Four Histories. At least one credit must be taken for the study of 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, and completed in the first and second year of college.

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

[illegible]

Curriculum system	credit	Graduation Requirement 1	Graduation Requirement 2	Graduation Requirement 3	Graduation Requirement 4	Graduation Requirement 5	Graduation Requirement 6	Graduation Requirement 7	Graduation Requirement 8	Graduation Requirement 9
Specialty										
Situation and Policy	2.0		√					√	√	
Introduction to Creative Thinking	0.5		√	√						
Career Planning for College Students	1.0						√			√
the outline of Chinese modern history	3.0		√							√

Curriculum system	credit	Graduation Requirement 1	Graduation Requirement 2	Graduation Requirement 3	Graduation Requirement 4	Graduation Requirement 5	Graduation Requirement 6	Graduation Requirement 7	Graduation Requirement 8	Graduation Requirement 9
Theory of Labor Education for College Students	2.0						√			
Python Programming	3.0			√	√					
Psychological Health of Undergraduate	2.0					√	√			
College English I (2)	3.0					√		√		
Advanced Mathematics II (2)	5.0		√	√	√					
Basic	3.0		√							√

Curriculum system	credit	Graduation Requirement 1	Graduation Requirement 2	Graduation Requirement 3	Graduation Requirement 4	Graduation Requirement 5	Graduation Requirement 6	Graduation Requirement 7	Graduation Requirement 8	Graduation Requirement 9
Principles of Marxism										
College English I (3)	3.0					√		√		
Probability theory and mathematical statistics	3.5		√	√	√					
Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics	5.0		√							√
College Chinese	2.5					√			√	
Fundamentals of Entrepreneurship for	2.0		√				√			

Curriculum system	credit	Graduation Requirement 1	Graduation Requirement 2	Graduation Requirement 3	Graduation Requirement 4	Graduation Requirement 5	Graduation Requirement 6	Graduation Requirement 7	Graduation Requirement 8	Graduation Requirement 9
College Students										
College English I (4)	3.0					√		√		
linear algebra	2.5			√	√					
National Security Education in Higher Education Institutions	1.0								√	√
employment guidance	1.0								√	
Subject Introduction	1.0	√								
management	3.0	√	√			√	√			
Principles of Accounting	3.0	√		√						
Microeconomics	3.0		√							
Fundamentals of Commercial Law	2.0	√								√

Curriculum system	credit	Graduation Requirement 1	Graduation Requirement 2	Graduation Requirement 3	Graduation Requirement 4	Graduation Requirement 5	Graduation Requirement 6	Graduation Requirement 7	Graduation Requirement 8	Graduation Requirement 9
macroeconomics	3.0	√	√							
Financial Accounting (1)	3.5	√	√	√						
Financial Accounting (2)	2.5	√	√	√						
Enterprise Financial Management (1)	3.0	√	√	√						
Enterprise Financial Management (2)	3.0	√	√	√						
Advanced Financial Management	2.5	√	√	√				√		
financial analysis	3.0	√	√	√						
military training	2.0						√			√
Cognitive Internship	1.0	√							√	√
Engineering Training B	2.0						√			√
Accounting Comprehensive	2.0	√		√						

Curriculum system	credit	Graduation Requirement 1	Graduation Requirement 2	Graduation Requirement 3	Graduation Requirement 4	Graduation Requirement 5	Graduation Requirement 6	Graduation Requirement 7	Graduation Requirement 8	Graduation Requirement 9
Experiment										
Financial Software Application	2.0			√	√					
Financial Management Sand Table Experiment	2.0	√		√						
Professional Internship	4.0	√	√	√			√			
VBSE Cross disciplinary Comprehensive Training	1.0	√		√			√			
Practice of Labor Education for College Students	0.5									√
Graduation Thesis (Design)	12.0		√			√				
Innovation and Entrepreneurship Practice	2.0		√						√	√

Note: Supporting relationships are represented by "√" respectively.