

# Undergraduate Training Program for Financial Management

Major code: 120204

Major name: Financial Management

Subject: Discipline category (12); Business Administration (1202)

## 1、 Training objectives

This major cultivates financial management application talents with socialist core values, humanistic heritage, professional ethics, and a sense of aviation mission. 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:

Training objective 1: Possess application skills. 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, using financial management knowledge to identify and analyze key issues, and draw conclusions.

Training objective 2: Possess management and communication skills. Understand the basic principles and methods of 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.

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

Training objective 4: Possess developmental abilities. 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.

Training objective 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.

## 2、 Graduation requirements

Graduation requirement 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.

Graduation Requirement 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, draw conclusions, and express personal opinions.

Graduation Requirement 3: Problem solving. 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.

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

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

Graduation Requirement 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.

Graduation Requirement 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.

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

Graduation Requirement 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.

## 3、 Core courses

Microeconomics, Macroeconomics, Finance, Public Finance, Investment, Management, Economic Law, Basic Accounting, Financial Accounting, Cost Management Accounting, Principles of Financial

Management, Intermediate Financial Management, Advanced Financial Management, Financial Analysis, Corporate Strategy and Risk Management, Western Financial Management (Bilingual), etc.

#### 4、 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.

#### 5、 Course Structure and Credit Requirements

Students are required to take at least 158+5 credits (**second class**) within the school's designated time frame to graduate. The minimum credit requirements for various courses are shown in the table below.

	129.5 credits for theoretical teaching					Concentrated practical teaching (Compulsory)	Second class
	Compulsory courses have 97.5 credits, accounting for 75.3%, while <b>elective courses have 32 credits, accounting for 24.7%</b>						
	General Educati on Course		Subject Basic Course	Specialized course	Personalized courses		
	Compulsor y	take as an electi ve cours e					
credit	65	6	15	17.5	26	28.5	5
proportio n	44.94%		9.49%	11.08%	16.46%	18.04%	

Note: "(0)" refers to the experimental (practical)/computer credits included in various theoretical courses.

#### 6、 Teaching process

### Teaching Progress Table of Financial Management Major

Course category	group number	Course code	Course Name	curriculum	credit	total hours	Lecture hours	Experimental (practical) hours	Computer hours	start class semester
General Education Compulsory Course	No group number	GB001A	ESLIA	Compulsory	3	48	48	0	0	1
		JB005A	Fundamentals of Computer	Compulsory	2	32	16	0	16	1
		KB003A	Calculus II A	Compulsory	3	48	48	0	0	1
		XB001A	Ideological and Moral Cultivation and Basic Law Education	Compulsory	3	54	44	10	0	1
		YB005B	Military Theory	Compulsory	2	36	32	4	0	1

Cour se categ ory	grou p num ber	Course code	Course Name	curric ulum	credit	total hours	Lectur e hours	Experi mental (practi cal) hours	Com pute r hour s	start class semester
				lsory						
		XB003B	Outline of Modern and Contemporary Chinese History	Compu lsory	3	54	44	10	0	1
		ZB002A	Introduction to Critical Thinking and Innovative Thinking	Compu lsory	0.5	10	10	–	–	1
		ZB005A	Career Planning for College Students	Compu lsory	1	16	16	0	0	1
		GB002B	ESLIB	Compu lsory	3	48	48	0	0	2
		JB004B	Python Programming Design	Compu lsory	3	48	32	0	16	2
		KB004A	Calculus II B	Compu lsory	5	80	80	0	0	2
		LB022B	Mental Health Education of University Students	Compu lsory	2	32	16	16	0	2
		XB002A	Introduction to Basic Principles of Marxism	Compu lsory	3	54	44	10	0	2
		ZB003B	Theory on Labor Education	Compu lsory	2	32	32	–	–	2
		GB003B	ESLIC	Compu lsory	3	48	48	0	0	3
		KB009A	Probability Theory and Mathematical Statistics	Compu lsory	3.5	56	56	0	0	3
		LB001A	College Chinese	Compu lsory	2.5	40	40	0	0	3
		XB004B	Introduction to Mao Zedong Thought and Socialist Theoretical System with Chinese Characteristics	Compu lsory	5	90	64	26	0	3
		ZB001B	Basic Curriculum of College Students Innovative Undertaking	Compu lsory	2	32	20	12	0	3
		GB004A	ESLID	Compu lsory	3	48	48	0	0	4
		KB008A	Linear Algebra	Compu lsory	2.5	40	40	0	0	4
		ZB004A	National Security Education in Colleges	Compu lsory	1	16	16	0	0	4
		ZB005B	Employment Guidance	Compu lsory	1	16	16	0	0	6
			Special Sport	Compu lsory	4					1–4
		XB006A	Situation and Policy	Compu lsory	2	56	36	20	–	1–7
<b>Subtotals by category</b>					<b>65</b>	<b>1034</b>	<b>894</b>	<b>108</b>	<b>32</b>	
Gene ral electi ve cours es	Take at least 6 credits. Among them, at least 2 credits must be taken in 8 art appreciation and aesthetic experience courses, including music appreciation, art appreciation, film and television appreciation, drama appreciation, dance appreciation, calligraphy appreciation, opera appreciation, and art introduction.									
<b>Subtotals by category</b>					<b>6</b>					
Subje	No	WB001A	Introduction of Subjects	Compu lsory	1	16	16	0	0	1

Cour se cater gory	grou p num ber	Course code	Course Name	curric ulum	credit	total hours	Lectur e hours	Experi mental (practi cal) hours	Compu ter hours	start class semester
ct based cours es	grou p num ber	eight hundred and one thousand and four	Fundamental Accounting Principles	Compu lsory	3	48	48	0	0	2
		BB718A	Management	Compu lsory	3	48	48	0	0	2
		CB101B	Microeconomics	Compu lsory	3	48	48	0	0	3
		AB119A	Fundamentals of Business Law	Compu lsory	2	32	32	0	0	4
		CB102B	Macroeconomics	Compu lsory	3	48	48	0	0	4
Subtotals by category					15	240	240	0	0	
mono poliz e line of busin ess cours e	No grou p num ber	AB102B	Financial AccountingI	Compu lsory	3.5	56	56	0	0	3
		AB103A	Financial Accounting II	Compu lsory	2.5	40	40	0	0	4
		AB306A	Corporate Financial ManagementI	Compu lsory	3	48	48	0	0	4
		AB306B	Corporate Financial Management II	Compu lsory	3	48	48	0	0	5
		AB303A	Advanced Financial Management	Compu lsory	2.5	40	40	0	0	6
		AB304B	Financial Analysis	Compu lsory	3	48	48	0	0	6
Subtotals by category					17.5	280	280	0	0	
	Profe ssion al Elect ive Cour ses	AB209B	Cost Management Accounting	take as an electiv e course	3.5	56	56	0	0	4
		CB005A	Statistics	take as an electiv e course	2.5	40	40	0	0	4
		CB401B	Finance	take as an electiv e course	3	48	48	0	0	4
		AB106A	Advanced Financial Accounting	take as an electiv e course	3	48	48	0	0	5
		AB108B	Auditing	take as an electiv e course	3	48	48	0	0	5
		AX701A	Foundation of Commercial Big Data	take as	2	32	32	0	0	5

Cour se cater gory	grou p num ber	Course code	Course Name	curric ulum	credit	total hours	Lectur e hours	Experi mental (practi cal) hours	Com pute r hour s	start class semester
Perso naliz ed cours es				an electiv e course						
		AX205B	Corporate Strategy and Risk Management	take as an electiv e course	2.5	40	40	0	0	6
		AX306A	Multinational Financial Management (Bilingual)	take as an electiv e course	2.5	40	40	0	0	6
		AX702B	Business Big Data Practice	take as an electiv e course	2	32	0	0	32	6
		AX902B	Theory and Practice of Finance Informatization	take as an electiv e course	4.5	72	32	0	40	6
		BB715A	Business Ethics	take as an electiv e course	2	32	32	0	0	6
		CB420A	Theory of Investment	take as an electiv e course	2.5	40	40	0	0	6
		AX307A	Capital Operation	take as an electiv e course	2.5	40	40	0	0	7
		AX613A	Financial Management Literature Retrieval and Writing	take as an electiv e course	2	32	32	0	0	7
		<b>Subtitle of the group (at least 17 credits must be taken in this group)</b>			<b>37.5</b>	<b>600</b>	<b>528</b>	<b>0</b>	<b>72</b>	
	Perso naliz ed electi ve cours es	BB981C	Organizational Behavior	take as an electiv e course	2.5	40	40	0	0	3
		BX532A	Communication and Writing	take as an electiv	1	16	16	0	0	3

Cour se categ ory	grou p num ber	Course code	Course Name	curric ulum	credit	total hours	Lectur e hours	Experi mental (practi cal) hours	Com pute r hour s	start class semester
				e course						
		LB032A	Speech and Eloquence	take as an electiv e course	2	32	32	0	0	3
		AX109C	Tax Accounting	take as an electiv e course	3.5	56	56	0	0	4
		two hundred and two thousand and thirteen	Business Communication	take as an electiv e course	2	32	32	-	-	5
		AX308A	Tax Planning	take as an electiv e course	2	32	32	0	0	5
		AX309A	Computer-based Financial Management	take as an electiv e course	2.5	40	40	0	0	5
		BX710A	Innovation Management	take as an electiv e course	2.5	40	40	0	0	5
		BX910B	Human Resources Management	take as an electiv e course	2.5	40	40	0	0	5
		CB400A	Public Finance	take as an electiv e course	2.5	40	40	0	0	5
		AB206A	Asset Evaluation	take as an electiv e course	2.5	40	40	0	0	6
		AX310B	Case Studies in Financial Management	take as an electiv e course	2.5	40	40	0	0	6

Cour se categ ory	grou p num ber	Course code	Course Name	curric ulum	credit	total hours	Lectur e hours	Experi mental (practi cal) hours	Com pute r hour s	start class semester
		AX313A	Enterprise Operation Management	take as an electiv e course	2.5	40	40	0	0	6
		AX314A	Enterprise Operations Research	take as an electiv e course	2.5	40	40	0	0	6
		BX712A	Corporate Governance	take as an electiv e course	2.5	40	32	8	0	6
		BB801A	Marketing	take as an electiv e course	2.5	40	40	0	0	7
		CB403B	Management of Commercial Banks	take as an electiv e course	2.5	40	40	0	0	7
		<b>Subtitle of the group (at least 7 credits must be taken in this group)</b>			<b>40.5</b>	<b>648</b>	<b>640</b>	<b>8</b>	<b>0</b>	
	Featu red Elect ive Cour ses	OB001B	Aviation Conspectus	take as an electiv e course	2	32	32	-	-	2
		PB001B	Introduction to Civil Aviation	take as an electiv e course	2	32	32	0	0	2
		BX714B	Aviation Corporate Culture	take as an electiv e course	2	32	32	0	0	4
		FB102B	Mechanical Drawing II	take as an electiv e course	3	48	48	0	0	4
		HX070A	Legal Channel of Flying Around the World	take as an electiv e course	2	32	32	0	0	4
		FX621A	Mechanical Drawing	take as an	2.5	40	36	4	0	5



Cour se categ ory	grou p num ber	Course code	Course Name	curric ulum	credit	total hours	Lectur e hours	Experi mental (practi cal) hours	Com pute r hour s	start class semester
				electiv e course						
		OX039A	Aviation Model Design and Making	take as an electiv e course	2	32	8	24	0	5
		Subtitle of the group (at least 2 credits must be taken in this group)			15.5	248	220	28	0	
Subtotals by category					93.5	1496	1388	36	72	
Conc entrat ed practi cal teach ing segm ent	No grou p num ber	YS001A	Military Training	practic e	2	0	0	0	0	1
		BS513B	Cognition Practice	practic e	1	0	0	0	0	2
		ZS001A	Metalworking Practice	practic e	2	0	0	0	0	3
		AS802A	Comprehensive Accounting Experiment	practic e	2	0	0	0	0	4
		AS805A	Sand Table in Financial Management	practic e	2	0	0	0	0	7
		AS811A	Professional Practice	practic e	4	0	0	0	0	7
		BS718A	VBSE Enterprises Operation Comprehensive Training	practic e	1	0	0	0	0	7
		ZS006A	Practice on Labor Education	practic e	0.5	-	-	-	-	2-7
		AS886B	Thesis	practic e	12	0	0	0	0	3-8
		ZS003A	Innovation and Entrepreneurship Practice	practic e	2	0	0	0	0	8
Subtotals by category					28.5	0	0	0	0	

## 7、 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. **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)".

Prepared by: Zhou Xuefeng

Reviewed by: Zhang Gongfu