



**Bachelor Program of
Management Science and Engineering**
(in English)

管理科学与工程教学计划（英文授课）

2014

School of Economics and Management

Beihang University, Beijing, China

北京航空航天大学经济管理学院

April, 2014

Bachelor Program of Management Science and Engineering

[Introduction to School of Economics and Management]:

School of Economics & Management of Beihang University (BUAA), originally established in 1956 as a Department of Aeronautic Engineering Economics, is one of the first founded Management Schools among technology and engineering based universities in China. Over the past 50 years, the School has achieved her nationwide prestige in scientific research and training program. With more than 5000 B.S., M.S., and PhD Degree students graduated from the school, the school has been providing excellent and talented management experts and economists in various areas, working industriously for development of aeronautic and astronautic industries as well as other key industries and business sectors in national economy. The school consists of seven Departments: Business Administration, Information System, Management Science and Engineering, International Economics and Trade, Insurance & Risk Management, Finance, and Accounting.

There are four major research centers in the School. 4 laboratories are running at the School. The school also owns one a 350 square meter library with more than 50 international journals in academic and business management fields (English version) and more than 100 domestic published key journals in management and economics. More than 10000 English and Chinese version of professional books are collected in the library. PhD thesis and master degree thesis of the School graduates for past 20 years are also collected in the library.

Education Curriculum:

the 1st Semester						
Code	Title	Hours	Credits	Note	Type	Evaluation
A09A10II	工科高等数学(1)* Advanced Mathematics for Engineering (1)	64	4	Compulsory	A	Examination
B25D11II	中国概况* Introduction to China	16	1	Compulsory	B	Examination
B25D116I	汉语 (1) Chinese (1)	64	3	Compulsory	B	Examination
C05D10II	航空航天概论 B Introduction to Aeronautics and Astronautics B	26	2	Compulsory	C	Examination
C06D10II	计算机文化基础 Basic Knowledge of Computer	44	2	Compulsory	C	Examination
C32D10II	工程认识 Engineering Experience and Cognition	20	0.5	Compulsory	C	Test
E08B112I	管理学* Management	48	3	Compulsory	E	Examination
the 2nd Semester						
Code	Title	Hours	Credits	Note	Type	Evaluation

A09A102I	工科高等数学(2)* Advanced Mathematics for Engineering (2)	48	3	Compulsory	A	Examination
A09A103I	工科高等代数* Advanced Algebra	112	6	Compulsory	A	Examination
B25D117I	汉语 (2) Chinese (2)	64	3	Compulsory	B	Examination
C25D121I	C 语言程序设计 C Programming Language	48	3	Compulsory	E	Examination
G32A2010	机械工程技术训练 A Mechanical Technology Practice A	140	3.5	Compulsory	F	Examination
E08B113I	会计学* Accounting	48	3	Compulsory	E	Examination
G08D111I	课程设计 (会计学) Course Design (Accounting)	8	0.5	Compulsory	G	Test
the 3rd Semester						
Code	Title	Hours	Credits	Note	Type	Evaluation
A09B204I	概率统计 A* Probability Statistics A	64	4	Compulsory	A	Examination
B25D118I	汉语 (3) Chinese (3)	64	3	Compulsory	B	Examination
E08B211I	微观经济学* Microeconomics	64	4	Compulsory	E	Examination
E07D101I	机械工程引论 Introduction to Mechanical Engineering	56	3.5	Compulsory	E	Examination
F08C212I	数据库原理与应用 Database Principles and Applications	40	2.5	Compulsory	F	Examination
G08D215I	课程设计(数据库原理与应用) Curriculum Design (DB Principles and Applications)	8	0.5	Compulsory	G	Test
the 4th Semester						
Code	Title	Hours	Credits	Note	Type	Evaluation
B25D119I	汉语 (4) Chinese (4)	64	3	Compulsory	B	Examination
E08B212I	宏观经济学 Macroeconomics	64	4	Compulsory	E	Examination
E08B213I	应用统计学* Applied statistics	48	3	Compulsory	E	Examination
E08B214I	运筹学* Operations Research	64	4	Compulsory	E	Examination

F08C213I	财务管理学 Financial Management	48	3	Compulsory	E	Examination
G08D211I	课程设计 (应用统计学) Course Design (Applied Statistics)	8	0.5	Compulsory	G	Test
G08D2120	课程设计(运筹学) Course Design (Operations Research)	8	0.5	Compulsory	G	Test
G08D213I	课程设计 (财务管理学) Course Design (Financial Management)	8	0.5	Compulsory	G	Test
the 5th Semester						
Code	Title	Hours	Credits	Note	Type	Evaluation
E08B323I	管理信息系统* Management Information Systems	40	2.5	Compulsory	B	Examination
E08B224I	组织行为学* Organization Behavior	32	2	Compulsory	E	Examination
E08B321I	工程经济学* Engineering Economics	48	3	Compulsory	F	Examination
F08D235I	现代程序设计技术 Mordern Programmng Methods	48	3	Compulsory	F	Examination
F08C214I	系统工程与工业工程原理* Systems Engineering and Industrial Engineering	32	2	Compulsory	F	Examination
G08D317I	课程设计(管理信息系统) Course Design(MIS)	8	0.5	Compulsory	G	Test
the 6th Semester						
Code	Title	Hours	Credits	Note	Type	Evaluation
B25D123I	商贸汉语 (2) International Business Chinese (2)	48	3	Compulsory	B	Examination
F08C314I	生产运作与管理* Production and Operations Management	40	2.5	Compulsory	F	Examination
F08D336I	工作研究* Work Study	32	2	Compulsory	F	Examination
F08B322B	市场营销* Marketing	48	3	Compulsory	F	Examination
F08C411I	系统仿真及其应用* Systems Simulation and Its Applications	40	2.5	Compulsory	F	Examination
F08D338I	人因工程 Human Factors Engineering	32	2	Compulsory	F	Examination
G08D415I	课程设计(系统仿真) Course Design(Systems Simulation and Its Applications)	8	0.5	Compulsory	G	Test

G08D311I	课程设计(市场营销) Course Design(Marketing)	8	0.5	Compulsory	G	Test
the 7th Semester						
Code	Title	Hours	Credits	Note	Type	Evaluation
F08C311I	物流管理* Management of Logistics	32	2	Compulsory	F	Examination
F08D437I	项目管理* Project Management	40	2.5	Compulsory	F	Examination
F08C414I	质量管理与可靠性工程* Quality Management and Reliability Engineering	32	2	Compulsory	F	Examination
F08D436I	企业与制造战略管理* Corporate and Manufacturing Strategic Management	32	2	Compulsory	F	Examination
G08D312I	课程设计(物流管理) Course Design of Logistics Management	8	0.5	Compulsory	G	Test
G08D417I	课程设计(企业制造战略与综合) Course Design(Manufacturing Strategic Management and Synthesis)	8	0.5	Compulsory	G	Test
the 8th Semester						
Code	Title	Hours	Credits	Note	Type	Evaluation
G08D0410	毕业设计 Graduation Thesis	16wks	8	Compulsory	G	Test

Explanation of course type:

NSC: Natural Science Courses (自然科学类课程)

ETC: Engineering Technology Courses (工程技术类课程)

MC: Major Courses (专业课程)

HC: Humanities Courses (人文社科类课程)

FMC: Fundamental Major Courses (学科与专业基础课程)

PC: Practice Courses (实践类课程)