

List of Business Courses Offered in English at SEM, BJTU 2019 Fall

No.	Course Title	Credits	Hours	Course Description	Program	Level
1	Accounting	3	48	This course consists of two parts. The first part of this course will briefly explain the basic theory of accounting, including the basic concepts and terms related to accounting, basis of accounting, double entry accounting principle, accounting subjects and accounts and other basic methods and theories. The second part of this course is based on the balance sheet, income statement and cash flow statement, according to the assets, liabilities, equity, income, expenses, profits, losses, comprehensive income and other elements of the financial statements to interpret the items. Through the study of this course, students can master basic accounting theories and methods, and lay a foundation for further study of financial management courses.	IMBA	Master
2	Management Information System	2	32	Management information system (MIS) refers to the processing of information through computers and other intelligent devices to manage and support managerial decisions within an organization. The concept may include systems termed transaction processing system, decision support system, <u>expert system</u> , or executive information system. The term is often used in the academic study of businesses and has connections with other areas, such as information systems, information technology, informatics, e-commerce and computer science; as a result, the term is used interchangeably with some of these areas.	IMBA	Master
3	Entrepreneurship and Innovation Management	2	32	To solve the problem of lack of practical platform and innovation and entrepreneurship training in the "Modern Enterprise Management" course teaching. The aim of this course is facilitate the development of skills and a knowledge base that will enhance your abilities to more effectively understand, interpret and engage in entrepreneurial acts and new venture creation in the international environment.	IMBA	Master
4	Data, Models, and Decisions	3	48	This course develops practical skills in statistical and operational research techniques commonly used in business decision-making. The emphasis is on computer generation of solutions to business problems. Topics include: probability distributions and tests of hypothesis; regression analysis; forecasting; statistical decision; linear programming; integer programming ; inventory Tools and queuing theory.	IMBA	Master

5	Organizational Behavior	3	48	"Organizational behavior" introduces bounded rational behavior of individuals in profit-seeking organization. It is based on disciplines such as psychology, sociology, social psychology, anthropology and political science. Content includes three clues: bounded rationality, uncertainty, the tendency to pursue consistency. Can be summarized into four frames: structure framework, humanistic framework, political framework and cultural framework. Three levels of the organization process are analyzed: the individual level, the group level and organizational level.	IMBA	Master
6	Managerial Economics	3	48	Managerial Economics integrates micro economic theory and management practice and addresses the application of the basic principles of micro-economics to analyze and compare alternative implementation schemes so as to provide a systematic and logical analytic procedure for decision-making activities. Simultaneously, it offers the guidance for enterprise decision-makers to allocate scarce resources effectively and make economic decisions which can achieve the enterprise operational goals.	IMBA	Master
7	Financial Market and Financial Instruments	2	32	Financial Market and Financial Instruments discusses the application of investment principles, apportionment of investment funds among alternatives, analysis of risk, and valuation timing of security acquisitions. This course covers the topics of investment analysis and financial institutions, which include types of securities, security analysis, principles of portfolio theory, and basic concepts of derivatives. We first discuss the major players in the financial markets, and explain how and where securities are traded. Part two of the course introduces students with general discussions of risk-return trade off, capital market theory, and whether the market is efficient or not. Part three is devoted to equity analysis. We start with the macroeconomic environment and then move on to stock valuation, fundamental analysis, and technical analysis. Part four of the course focuses on the analysis of fixed income securities, which includes bond pricing, term structure of interest rates, and risk management. Finally, the course exposes students to the derivative markets.	IMBA	Master
8	International Business	2	32	Many disciplines provide insight and frameworks for doing business across borders: macro economics, trade economics, marketing, strategy, HR, operations, politics, etc. The aim of this course is to develop your insights in how these different areas shape our ability to understand SUCCESS AND FAILURE in doing business across different countries. Some key case studies will be explored in class, where the Chinese perspective will be included, also some issues from Europe and US.	IMBA	Master
9	Logistic and Supply Chain Management	2	32	This course mainly introduces supply chain management theory, the logistics management knowledge under the background of global supply chain and the planning methods of modern logistics, which is based on the latest study.	LE	Master

10	Senior Operational Research (1)	2	32	< Advanced Operations Research I> is a important and compulsory course for major of management. It studies how to overall arrange the resources to provide the most optimal solution for decision makers in order to realize the effective management under the condition of the limited resources. Its basic contents include linear programming, sensitivity analysis, transportation problem, assignment problem, graph and network analysis and network plan technology. etc.	LE	Master
11	Senior Operational Research (2)	2	32	This course is a continuation of the course Advanced Operations Research I, and enables students to learn relevant theory, improve the ability of analyzing and solving the problems regarding a management system and to lay a good foundation for further studying, such as operation management.	LE	Master
12	Production and Operation management	3	48	The aim of operations & production management is to understand the core philosophy of operations strategy and the management of operations activities in a firm, and the tendency of operations management. In addition, the students can understand the principle and method of operations planning.	LE	Master
13	Quantitative Models and Methods of Logistic Management	2	32	The main content: principle of operations management, operations strategy, development of product and service, capability planning, business process design and optimization, quality management, enterprise resource planning, inventory management, lean production, and design of production system.	LE	Master
14	Communication	2	32	Communication focuses on practice. This course mainly introduces the basic knowledge of communication and communication practice. Main content includes the basic knowledge of communication, communication process, communication skills, meetings, business negotiation skill, speeches and business writing. Using a variety of forms of lectures, classroom games, classroom exercises, using a variety of testing tools of enterprise management, classroom, after-school case analysis, report and keynote,the course focuses on training various concept and awareness of management and makes students to identify problems, analyze problems and solve problem.	LE	Master
15	Advanced Management	2	32	This course consists of three parts: management review, management frontier and management innovation. Based on the review of the principle of management, introducing the era characters of the economic globalization and knowledge economy, learning network construction, enterprise upgrade and other senior management methods and enterprise innovation development paths, training senior management talents with foresight and innovation ability.	LE	Master

16	Warehouse Management and Stock Control	2	32	This course mainly introduces the theory of warehouse management and inventory control, including the frontier development of modern warehouse management, warehousing system planning theory, inventory control theory and method, which is based on the latest academic research and industrial practice.	LE	Master
17	Applied Statistics	3	48	This course will cultivate the students' habit of using "data to speak", train students to find quantitative law from uncertain data in the field of economics and business, and cultivate students' ability to design appropriate statistical model, use statistical analysis software, and explain the results of quantitative analysis. This course is mainly composed of descriptive statistics, inferential statistics and commonly used statistical methods. Descriptive statistics focuses on data collection, data presentation and data summarization. Inferential statistics mainly introduces the various types of parameter estimation and hypothesis testing. Commonly used statistical methods main introduce contingency analysis, variance analysis, correlation and regression analysis, time series analysis, index numbers, etc. This course will require the students to use Excel and SPSS statistical analysis software to accomplish the above data processing.	EM	Bachelor
18	Principles of Accounting	3	48	"Principles of Accounting" is a fundamental course to all students of the School of Economics and Management. Through the teaching of the course, students should be able to: master the basic theory and the basic method of accounting, command accounting cycle; understand the whole profound of accounting method and accounting procedure. This course mainly consists of the general instruction, establishing accounting accounts, double entry bookkeeping, simple application of debit-credit double entry bookkeeping and the method of cost calculation, classification of accounting accounts, theory and practice of accounting documents and accounting books, property inspection, accounting cycle and the final adjustment of account, the theory and practice of accounting procedure, the theory and practice of financial report.	EM	Bachelor

19	Management Information System	3	48	<p>This course is a fundamental course for all majors of School of Economics and Management.</p> <p>This course is used in "the research teaching" mode and "problem-based" learning method, which make students analysis and solve problems from the view of the application system and think organizational problems from the perspective of information systems. At the same time, they can cultivate students' overall understanding of management information systems.</p> <p>Focuses on: the concept of management, information, system and management information system and the relationship among them; the development tools of management information system: hardware, software, databases and networks; applications of management information system: development modes and development methods of management information system; focus on a structured development methodology, including system planning, system analysis, system design, system</p>	EM	Bachelor
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Program:
IMBA=International MBA
LE=Master of Logistics Engineering
EM=Bachelor of Engineering Management