

留学申请课程描述

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(一) 课程描述示例 I

31002041 Advanced Mathematics (Calculus)

The course is designed for students specializing in the social science, which includes limits, growth rate and the derivative; logarithmic exponential and trigonometric functions and their application to business, optimization and approximation methods; functions of several variables.

31001001 Computer Basis

The course mainly provides the basic programming background, including fundamental concepts and terminology of computing science, elementary skills for programming in a high-level language, and applications of computing science, such as the use of Microsoft Excel and Microsoft PowerPoint.

31001002 Multimedia Technology and Application

The course introduces a variety of programming tools and techniques, practically the application of some functional softwares, such as Authorware 7.0 and Cool Edit Pro.2.0, and issues in effectively representing, processing, and retrieving multimedia data such as text, graphics, sound and music, image and video.

31001004 Database Application

The course exams a variety of practical and important data structures, and introduces methods for implementation and for experimental and analytical evaluation, such as performing report forms and tables via Microsoft Access.

84330001 Bioethics

This course focuses on fundamental concepts and the history of Bioethics as well as events related to it, including Clone, AIDS and the birth of human.

85210001 Ancient Chinese History

This course offers the broad history of China from antiquity to the eve of its modern transformations at the turn of the nineteenth century, and aims to challenge the perception of an unchanging China.

85210004 Modern Chinese History

The course introduces the history of China from the end of the eighteenth century, to the end of the twentieth century. It also provides an introduction to the politics, society, and economy of mainland China from the aftermath of the Sino-Japanese war to the rapid social, political, and economic changes of the last two decades.

34000021 Cultivation of Ideological Morality & Fundamental of Law

The course helps current university students to recognize themselves and cultivate correct values, while introduces some fundamental knowledge about law.

85210003 Chinese Historical Literature

The course offers a host of famous Chinese historical passages throughout the ancient ages, and aims to improve students' capability of reading and understanding the historical literature.

83221016 Introduction to Cultural Heritage

The course introduces fundamental concepts of cultural heritage and related events, providing basic background to students.

85210002 World History of the Middle Ages

The course focuses on the history from the birth of human to the middle ages of the world, covering Western Europe, India and Egypt, etc.

87310001 History of Chinese Culture

The course provides the specific history of Chinese culture from Qin Dynasty to modern China in various fields including diet, costume and architect, which widens students' outlook and learn more about Chinese culture.

(二) Course Description II

Course Description(Term3&Term4)

Term3:

Basic Principles of Marxism

This course focuses on the basic theories of Marxism and closely combines them with practical issues in modern world while incorporating new findings from contemporary researches on philosophy. Students could analyze practical problems with these theories, including the methodology of Marxism; the principle of Dialectical and Historical Materialism; the principle of epistemology, etc.

Appreciation and Collection of Artifacts

An introduction to archaeological conservation and artifacts, the processes affecting the condition of archaeological materials prior to excavation, during excavation, during analysis, exhibition and during reposition. Successful completion of this course will give archaeologists a good understanding of the various materials they encounter

during excavation and how to preserve and appreciate these artifacts and other materials. It will not qualify students to be professional archaeological conservators.

Chemistry in the Life

The impact of chemistry on modern living. Students will gain a broad perspective on chemical processes with historical, environmental and economic importance in shaping society, examining both the beneficial and harmful aspects of the chemicals that shape our lives. Topics may include: perfumes, explosives, drugs, dyes, plastics, pesticides and greenhouse gases. Intended for both science and non-science students.

Chinese History (since 1949)

Analyzes the history of the P.R.C from 1949 to present. Special emphasis on ideology, inequality, diversity, the Great Leap Forward, Cultural Revolution, and economic reforms.

Modern World History

An introduction to the history of modern world, including the world of late Medieval and Renaissance Europe (c.1200-c.1500); European history emphasizing the French Revolution, and Napoleonic Europe and first Industrial Revolution, liberalism and its opponents, agrarian conservatism, liberalism and conservatism, the Revolutions of 1848, the struggles for political unification, the second Industrial Revolution and the origins of the First World War; early modern European history which will examine, among other topics, the wars of religion, the 17th century revolutions, 16th and 17th century economic development, the scientific revolution, the enlightenment and the political and social character of the old regime; the time from the First World War emphasizing the origins and effects of the World Wars, the emergence of the Soviet Union and of fascism.

Introduction to Cultural Industry Studies

This course focuses on the ways that the cultural industry applies in the marketplace. Students study the introduction to cultural industry, as well as the meaning, uses, processes and methodologies for creating effective and winning brands. Also, it explores the management, and organization of the performing arts, which will provide a grounding for students who wish to become further involved in the administration of the performing arts.

Term4:

Tourism and Culture

This course focuses on the various aspects of tourism planning, policy, and the development. Topics covered include: reasons for development; tourism development as a strategy for urban revitalization; tourism's links to heritage conservation and regional development; sustainability and the adverse impacts of development; cultural

considerations and community participation; and the importance of context for individual tourism projects. Meanwhile, it examines tourism as an amalgam of industries - transportation, accommodation, travel, trade and other facilitating services; follows a multidisciplinary approach in its analysis, organization, planning and control.

Introduction to Historical Science

The aim of the course is on historical methods and historical science. Focuses on the identification and analysis of sources in preparation for writing the essay.

Psychological Basis

Acquaints the student with the major issues in contemporary psychology and considers the historical antecedents. Special attention is given to questions of methodology and research design in psychology. Topics in physiological psychology, perception, cognition, learning and motivation are considered. Introduces the student to issues in Psychology by surveying the research on brain and behaviour and the implications of this work for individuals and society. Beginning with neurons, this course explores the transition to human experience.

Financial Management

This course is designed to introduce students to the concepts and techniques of corporate financial analysis. Three primary financial functions are considered: management of working capital, the investment decision, and funds acquisition. The goal is to provide them with the skills and understanding necessary to apply financial tools in a work-related context.

Seminars on Gender and Women's Studies

This course focuses on a study of women's place in society as revealed through the analysis of a variety of media, and selected topics on the sexual politics of urban space which may be organized by region, critical approach, or genre. Also, it contains an introduction to the major critical debates on gender from an interdisciplinary and cross-cultural perspective. Topics include the construction and regulation of gender and the relation between gender and ideologies of sexuality, race, class and nation.

Introduction to Archaeology

This course introduces methods used by archaeologists to discover and interpret the past. Examples will be drawn from selected sites and cultures around the world. Also, it contains a broad survey of the primate background of humans, fossil primates, and fossil humans, and the associated evidence of cultural development.

(三) 数学专业课程描述

课程名称：大学计算机基础

课程简介：大学计算机基础课程是面向我校非计算机专业的本科生，它是一门非计算机专业本科生的重要基础课，也是学习其它计算机课程的先导课。属于非计算机专业本科生计算机教育的计算机公共基础课程。

通过系统学习计算机的基本理论和基本概念以及相关的计算机文化的内涵。使学生掌握计算机的基本概念、基本知识和基本操作。提高学生使用计算机的基本技能，为结合本专业继续学习计算机知识奠定良好的基础。

Name of Course: Basic of College Computer

Syllabus: This course is oriented for non- computer major undergraduates. This course is an important foundation and the prerequisite for other computer courses. It belongs to the public basic computer education for non- computer major undergraduates.

Studying systematically basic theory, notion and connotation of computer culture, students will master the notions, knowledge and operations of computer basics. This course aims at improving students' skills of computer operation in order to pave a way for further study of computer.

课程名称：数学分析

课程简介：数学分析是高校本科数学专业必修的重要的基础课，是数学系的主干课之一。

本课程具体内容包括实数集和函数，数列极限与函数极限，函数的连续性，导数与微分，微分中值定理及其应用，实数完备性，不定积分，定积分及其应用，反常积分，数项级数、函数列与函数项级数，幂级数，傅里叶级数，多元函数的极限与连续，多元函数微分学，，隐函数定理及其应用，含参量积分，重积分，曲线积分与曲面积分。

本课程的任务是使学生获得极限论、函数微积分学、无穷级数等方面的系统知识，要求对基本概念、基本理论理解的基础上掌握其应用。

Course Title: Mathematical Analysis

Course Description:

Mathematical Analysis is an elementary required course for undergraduate Mathematics majors. The course encompasses the following sections: the real number sets and function, sequence limits and functional limits, functional continuity, derivative and differentiation, differential theorem of the mean and its application, completeness of real numbers, indefinite integral, definite integral and its application, improper integral, numeral item series, function sequence and function item series, power series, Fourier series, limits and continuity on function of several variables, differential calculus of function of several variables, implicit function theorem and its application, integral of including parameter, repeated integral, curvilinear integral and curved surface integral.

The teaching goal of this course is to equip students with the systematic knowledge of limits theory, function differential calculus and infinite series, etc. Students are require to grasp all the concepts and theories, and able to apply all of them.

课程名称：解析几何

课程简介：该课程是为大学数学专业一年级学生所开设的入门课程，因此我们局限于具体、系统地讲述解析几何论中经典的直线，曲线和曲面理论。通过本课程的学习，为学生深入地学习与研究现代几何学打下良好的基础。在课程的教学过程中，通过各个教学环节逐步培养学生具有抽象思维能力、逻辑推理能力、空间想象能力和自学能力，培养学生具有熟练的运算能力和综合运用所学知识去分析和解决实际问题的能力。

Course Title: Analytic Geometry of Space

Course Description:

This course is an introductory course oriented to the first-year Mathematics majors, confined to a specific and systematic account of theories of lines, curves and curved surfaces in analytical geometry. This course will equip students with solid foundation for the further study of modern geometry. In the process of teaching, all the programmed are aimed at training students in abstract thinking, logic reasoning, space imagination and self-study ability. Students are required to be skilled in computing and be able to apply what they learn in solving practical problems.

课程名称：C 语言程序设计

课程简介：C 语言是一种应用广泛的计算机高级语言，它具有语言简练、功能丰富、易于理解、结构化程度高等特点，既可以用于编写应用程序，又可以编写系统程序，同时也是进一步学习 C++、VC++ 等语言的基础。本课程共 54 学时，其中课堂教学 32 学时，上机实验 22 学时。

本课程在介绍 C 语言各种数据类型、表达式等基础知识的基础上，重点讨论顺序、选择、循环和函数等结构化程序设计思想和方法，同时还对各种典型算法、构造类型数据的应用及变量的存储类型和指针等知识进行详细的介绍。通过本课程的学习，使学生能够逐步掌握结构化程序设计的基本方法，提高学生的逻辑思维能力。

上机实践是学习程序设计的重要环节。通过上机环节的训练，增强学生阅读分析程序和调试程序的能力，培养独立分析和解决问题的能力，提高学生实际应用计算机的水平和技能。

Name of Course: C Language Programming

Syllabus: C language is a computer high-level language used widely, which has the features of polished language, plenty functions, understandability, complicated structure and so on. C language can be used to program both application software and system software. It is also the foundation of further study on C++, VC++ and other languages. This 54-hour course includes 32 hours of lecture and 22 hours of computer lab.

This course emphasizes the designing ideas and methods of structure programming on the basis of introduction of all kinds of data types and expressions of C language, and also interprets in details many typical algorithms, applications of constructed data type, storage styles of variants, pointer and other key knowledge. By studying this course, students will master the basic methods of structure programming step by step and advance the ideation.

Computer practice plays an important role in the study of this course, which helps students to improve abilities of reading and analyzing program, to foster the capabilities of analyzing and solving problems independently, and to improve the skill and technology of computer application.

课程名称：高等代数

高等代数是应用数学、信息与计算科学的重要专业基础课之一。高等代数课程主要是讲授线性数学理论。其一是线性方程组的理论，主要研究线性方程组解的结构与求解的算法；其二是线性空间的理论，主要研究一般有限维线性空间的结构及其上的几何。

Course Title: Advanced Algebra

Course Description:

Modern Algebra is one of the important elementary courses in the fields of applied mathematics, information and computing science. This course focuses on the theories of linear mathematics, composed of two parts: The first part is about linear equation theory, including the solution composition and computing methods of linear equations; the second is linear space theory, including the frame and geometry of limited linear space.

课程名称：数据库及其应用

课程简介：《数据库及其应用》课程是高等院校计算机科学，信息与信息系统专业的一门的专业课。本课程系统完整地讲述数据库技术从原理到应用实践的主要内容。主要任务是：通过课堂教学与实验环节的指导，使学生较全面地掌握数据库系统的基本概念和基本原理，深入理解关系数据模型、关系数据理论和关系数据库系统，掌握关系数据库标准语言 SQL；掌握数据库设计方法，具有一定的数据库设计能力，初步具备使用数据库技术和方法解决实际应用问题的能力，为今后从事信息系统的开发及相关工作打下坚实的基础。

Course Title: Database and Its Application

Course Description:

Database and Its Application is a specialized course for students majoring in Computer science, information and information system. This course will systematically introduce database, from theories to applications. The purpose of this course is to equip students with knowledge of concepts and theories of database system, relative data model, relative data theory, and relative database system. Students will learn from classroom instructions and classroom operations, and they are required to master standard SQL of relative database, methods of database design, the capability of designing database, and the capability of using database technologies and methods to solve practical problems, which will lay a solid foundation for their future work in information industry.

课程名称：离散数学

课程简介：离散数学是计算机专业的一门重要基础课。它所研究的对象是离散数量关系和离散结构数学结构模型。

由于数字电子计算机是一个离散结构，它只能处理离散的或离散化了的数量关系，因此，无论计算机科学本身，还是与计算机科学及其应用密切相关的现代科学研究领域，都面临着如何对离散结构建立相应的数学模型；又如何将已用连续数量关系建立起来的数学模型离散化，从而可由计算机加以处理。

离散数学课程主要介绍离散数学的各个分支的基本概念、基本理论和基本方法。这些概念、理论以及方法大量地应用在数字电路、编译原理、数据结构、操作系统、数据库系统、算法

的分析与设计、人工智能、计算机网络等专业课程中；同时，该课程所提供的训练十分有益于学生概括抽象能力、逻辑思维能力、归纳构造能力的提高，十分有益于学生严谨、完整、规范的科学态度的培养。

Course Title: Discrete Mathematics

Course Description:

Discrete Mathematics is an important elementary course for Computer majors. This course involves the study of objects and ideas that can be divided into separate or discontinuous parts

Since the structure of electronic computer is discrete, it can only deal with the objects that are separate. Faced with discrete structure, both computing field and other related fields are concerned about how to establish a mathematics model, and how to make the continuous numeric relations in the mathematics model discontinuous so that a computer can process.

This course will focus on the basic concepts, theories and methods of each branch of Discrete Mathematics, which are widely used in some specialize courses like Digital Circuit, Translating Theories, Data Structure, Operating System, Database System, Analysis and Design of Computing Method, Artificial Intelligence and Computer Network, etc. In addition, the training in this course will be beneficial for students to develop their abilities of generalizing, logic reasoning and induction, and will contribute to cultivate students' scientific attitudes like preciseness, perfectness, and standardization.

课程名称：数值分析（双语）

课程简介：数值分析是研究建立各种数学问题的数值计算方法的理论的课程，其任务是提供在计算机上实际可行的、理论可靠的、计算复杂性好的各种常用算法。

本课程的内容包括数值代数，数值逼近，数值积分、数值微分与常微分方程的数值解法。

Course Title: Numerical Analysis (Bilingual)

Course Description:

Numerical Analysis is a course to study the theories of computing method for all kinds of mathematical questions. These theories can provide with some computing methods which can be feasible in a computer-based environment and theoretically reliable and can cope with complex problems.

The course includes the following sections: numerical algebra, numerical approximation, numerical integration, numerical differentiation and initial-value problems for Ordinary Differential Equation.

课程名称：微分方程

课程简介：微分方程是数学专业及相关专业的重要基础课之一。它对先行课（数学分析与高等代数）及后续课（偏微分方程、微分几何、泛函分析等）起到承前启后作用，是数学理论中不可缺少的一个环节，对训练学生分析问题和解决问题的能力起重要作用；常微分方程又是理论联系实际的重要数学分支之一，在教学重要通过适当的实例，培养学生理论联系实际的意识和能力。

Name of Course: Differential Equations

Course Description:

Differential Equations is one of the most important elementary courses for Mathematics majors

and other related majors. It is an indispensable part of mathematical theories and an important link between preceding courses (Mathematical Analysis and Advanced Algebra) and subsequent courses (Partial Differential Equations, Differential Geometry and Functional Analysis). This course will equip students with abilities of analyzing and solving problems. In addition, Differential Equations is an important branch of mathematics which connects practice with theory, and this course will provide some practical examples in class, to raise student's awareness and capabilities regarding how to connect theory with practice.

课程名称：运筹学

课程简介：运筹学是一个重要的数学分支，它所研究的问题是讨论在众多的方案中什么样的方案最优以及如何找出最优方案。这类问题普遍存在于经济，管理，工业生产等各个领域。运筹学为此类问题的解决提供了理论基础和具体的求解方法，是一门实用性很强，应用广泛的方法科学。本课程将系统讲述线性规划的基本理论与方法，简介一些线性规划的新成果；系统讲述无约束最优化方法和约束最优化方法，简介一些无约束最优化方法的新成果；介绍求解整数规划的割平面法和分支定界法。

Name of Course: Operations Research

Syllabus: Operations Research is a important branch of mathematics, which is used to study the problems in which it will be discussed that what kind of plans are the optimal plans and how to find it out from many plans. The problems exit in economy, management, industry and many other fields. Operations Research is practical and wildly used methodology, by which the theoretical foundation and solution will be provided for solving the problems. In this course linear programming theory and methods will be discussed systematically, new results of linear programming will be introduced simply, unconstrained optimization and constrained optimization methods will be discussed systematically, new results of unconstrained optimization and constrained optimization methods will be introduced simply, and cutting plane algorithm and branch-and-bound methods for solving integer programming problems will be introduced.

课程名称：概率论

课程简介：概率论是研究自然界、人类社会及技术过程中大量随机现象中的规律性的一门数学学科，是统计理论和方法的基础，与数学的其他分支有着密切联系，并在自然科学、人文科学、工程技术及经营管理等方面有着广泛的应用。本课程主要阐述概率论的基本思想，介绍研究随机现象的基本方法以及基本结果。其主要内容有：随机事件与其概率的概念性质及有关的运算，随机变量及其分布，随机变量的数字特征，极限定理等。

Course Title: Probability Theory

Course Description:

Probability Theory is a branch of mathematics that studies the likelihood of occurrence of random events in nature, human society and industries. It provides with fundamental theories and methods for statistics, and is closely related with other branches of mathematics. Probability Theory is widely used in natural science, humanities, engineering technology, management and many other fields. This course is intended to introduce the basic concepts of probability theory, the basic methods and the common results of studying random events. The course includes the following sections: random event, concept and attributes of probability, computation of probability, random variables and their distribution, numeral characteristics of random variable, limit theorem and so on.

课程名称：数据结构

课程简介：数据结构是数学与应用数学专业、信息与计算科学中一门重要的专业基础课程。当用计算机来解决实际问题时，就要涉及到数据的表示及数据的处理，而数据表示及数据处理正是数据结构课程的主要研究对象，通过这两方面内容的学习，为后续课程，特别是软件方面的课程打下了坚实的知识基础，同时也提供了必要的技能训练。本课程的任务是：在基础方面，要求学生掌握常用数据结构的基本概念及其不同的实现方法；在技能方面，通过系统学习能够在不同存储结构上实现不同的运算，并对算法设计的方式和技巧有所体会。

Course Title: Data Structure

Course Description:

Data Structure is a fundamental specialized course for students majoring Mathematics and Applied Mathematics or Information and Computing Science. When a computer is used to solve a practical problem, data description and processing are quite necessary; Data Structure is the very course that focuses on the two aspects. The study of this course paves the way for subsequent courses, especially for courses in software, and simultaneously provides students with essential skill training. Students are required to learn the basic knowledge of data structure and ways of realizing data description, and learn the skills of computing in different memory structures and designing computing methods.

课程名称：数理统计

课程简介：数理统计是我校数学与应用数学专业的一门专业必修课，它是研究大量随机现象数量规律的一门学科。数理统计的方法在自然科学、工程技术研究及社会科学领域中应用极其广泛。数理统计通过对研究对象（总体）随机抽取 n 个个体（样本）进行观测，通过利用样本提供的信息对总体的分布、参数等进行种种推断。它的中心任务就是由局部推断整体。本课程可分为三大部分：第一部分是参数估计；第二部分是假设检验；第三部分是回归分析与方差分析。

Course Title: Mathematical Statistics

Course Description:

Mathematical Statistics is a required course for students majoring in Mathematics and Applied Mathematics, which studies quantitative laws of random events. The methods of Mathematical Statistics are widely used in natural sciences, engineering technology researches and social sciences. Based on the theories of Mathematical Statistics, n individuals (sample) are drawn out of the subjects (population) at random and observed. By using the information of the sample, the distribution and parameters of the population are deduced. The main task of Mathematical Statistics is to deduce the general situation from a small portion of the subjects. The course can be divided into three parts: the first part is parameter estimation, the second part is hypothesis testing, and the third part is analysis of regression and analysis of variance.

课程名称：复变函数与积分变换

课程简介：复变函数是高等数学在复数域的推广，研究对象是复自变量复值函数；积分变换是通过积分运算，把一个函数变成另一个更为简单且易于处理的函数。高等数学中的重要概念，如导数、积分、级数、微分方程等，在本课程中都有相应的定义，但又显示出新的特点及运算方法。学好高等数学是学好本课程的前提。本课程又是一门重要的基础课，它与工程

力学、电子技术，自动控制等课程有密切的联系，是解决诸如流体动力学、电磁学、热学、振动学、弹性理论、频谱分析的有力工具。

Name of Course: Complex Analysis and Integral Transforms

Syllabus: Complex Analysis is a generation of higher mathematics to complex domains. Integral transforms is a integral operation through which a function can be transformed into another simple and easily-treated function. Many concepts such as derivatives, integral, series, differential equations in higher mathematics have the corresponding definitions and are endowed new characteristics and operation methods. Mastering higher mathematics is the prerequisite for the study of complex analysis and integral transforms. This course is a fundamental course that is closely related to engineering mechanics and electronic technologies and automatic control ect. , and has become a powerful tool in solving the plane problems in fluid mechanics, aerodynamics, electromagnetics, thermology and elasticity, and spectrum analysis.

课程名称：编译原理

课程简介:本课程介绍计算机语言的实现与设计技术,介绍编译理论、编译方法与实现技术。主要内容包括文法与语言、词法分析、各种语法分析方法、语法制导翻译技术、属性文法与中间代码生成技术、编译自动生成技术。使得学生在掌握编译基本理论的基础上,熟悉计算机语言处理系统的设计方法,从而培养学生实现和设计计算机语言的能力,以及运用、选择和掌握计算机语言的综合能力、利用计算机语言抽象分析问题的能力。

Name of Course: Compile Principles

Syllabus: The course aims to help students understand the technique for realizing and designing computer language and familiarize them with compile principles and methods. The main components of the course are as follows: grammar and language, lexical analysis, various approaches to grammar analysis, grammar-oriented compiling technique, attributed grammar and middle-code creation technique, as well as compiling auto-creation technique. This course attempts to equip students with the knowledge of basic compile principles, with which they can achieve a good command of design technique of processing system. Hopefully, students' comprehensive ability to design, use, select and master computer language, and their capacity for abstract analysis can be effectively developed.

课程名称：数学模型

课程简介:

数学建模是二十世纪八十年代初进入我国大学的一门新课,其主要内容是通过众多的示例着重介绍如何将自然科学和社会科学诸领域的实际问题通过合理的假设和抽象“翻译”成数学问题,进而如何借助计算机进行求解,最后又如何依据计算结果对实际问题进行分析或预测。课堂讲授涉及简明的实际背景、合理的模型假设、有创意的模型构造及必要的模型检验,不会涉及太多的数学概念和繁琐的公式推导。旨在培养学生应用已学知识解决实际问题的能力。教学方式基本为“案例教学”。案例涉及自然科学、经济、军事、生态学和决策科学等。除课堂讲授外本课程还包含上机实践环节,培养学生应用常用数学软件,如 Matlab, Lindo, Sas, Spss 等,解决实际问题的能力。

Name of course: Mathematical Modeling

Syllabus: Mathematical Modeling has been introduced into Chinese universities as a new course since early 1980s. This course are mainly about how to translate an actual problem in natural and social sciences into a mathematical problem by rational hypothesis and abstract, how to get a

solution of the mathematical problem by numerical simulation on a computer, and how to give an analysis or prediction of the considered problem based on the numerical results. It deals with the actual background, the rational model hypothesis, the original model construction and necessary model validation, but not too many mathematical concepts and verbose mathematical formula are included. It aims to develop students' ability to solve actual problem by using knowledge they have learn. The teaching method is basically "cases teaching". These cases are chosen elaborately from natural, economic, military, ecological and decision-making sciences etc. Apart from teaching in class, it includes the numerical simulation experiment on computer. Students are encouraged to use mathematical software, such as Matlab, Lindo, SAS, SPSS, to finish their homework in order to improve their ability of using computer.

课程名称：密码学

课程简介：《密码学》课程主要包括两大方面内容，一方面是信息系统安全的理论，包括网络与信息安全概述，密码学的相关概念和数学知识，流密码，分组密码和公钥密码体制等；第二方面是信息系统的安全技术，包括数字签名和身份认证，这是电子商务安全的非常重要的分支，是实现电子交易安全的核心技术之一，在实现身份认证、数据完整性、不可否认等功能方面具有重要的应用，还有安全协议，计算机病毒及防范，防火墙和入侵检测技术，访问控制技术的原理及应用等，同时还包括无线局域网安全、移动通信系统安全等越来越受到人们广泛关注的技术，最后介绍信息系统安全评估的相关知识。

Course name: Cryptography

Syllabus: Information Security and Cryptography is composed of two main parts. The first part concerns the theory of information system security, including summary of network and information security, conceptions and mathematic knowledge related to cryptography, stream cipher, block cipher, public key mechanism and so on. The second part is security technology of information system which covers several subfields. One subpart, digital signature and identity authentication, is one of the most important fields of electric business security and the core technology of realizing secure electric trade, and it plays a significant role in data integrity and non-repudiation. Another subpart is the theory and application of security protocols, resistance to computer virus, firewall and intruder detection, access control, etc. In addition, security of WLAN and Mobile Communication System which is attracting increasing attention is also included. Finally the course is supposed to be concluded by the introduction to the theory of information system security assessment.

课程名称：专业发展前沿概述

课程简介：

专业发展前沿概述的内容主要包括：线性有限维系统的一般解，稳定与不稳定性，Hurwitz多项式，Liapunov 稳定性理论，复稳定性半径，多项式的稳定性半径，实稳定性半径和复稳定性半径的算法，Chua 电路，逐段线性系统的复杂性半径，混沌广义同步，细胞神经网络的鲁棒性设计，细胞神经网络的鲁棒性设计和图像处理。

Name of Course: A Brief Introduction to Forefront Applied Mathematics and Information Processing

Syllabus:

Applied mathematics and information theory have always benefited from developing of other disciplines. They have also always influenced the developments of other disciplines. This 36-hour course is not, and could not be, a definitive all-encompassing brief introduction the above two fields. It will provide a few fundamental modern mathematics concepts, methods and topic with four parts: stability theory, stability radii, nonlinear systems, and cellular neural networks. The main topics are listed as follows: general solutions of linear finite dimensional systems, stability and instability, Hurwitz Polynomials, Liapunov Stability theory, complex stability radius, stability radii of polynomials, algorithms for calculating complex and real stability radii, Chua's circuit, chaos generalized synchronization, complexity radii of piecewise linear dynamic systems and algorithms, cellular neural networks and image processing. Some practical examples are also provided in this course.

课程名称：思想道德修养

课程简介：《思想道德修养》是一门全校性公共必修课程。该课程以马克思主义理论为指导，根据青年学生成长的基本规律，综合运用多学科知识来教育和引导大学生认识自身、认识环境、认识时代特征，从人际交往、身心健康、生涯规划等方面来帮助大学生更好地适应大学生活，引导大学生树立正确的人生观、价值观和道德观，确立建设中国特色社会主义的共同理想与信念，增强大学生抵制错误思潮和拜金主义、享乐主义、极端个人主义等腐朽思想侵蚀的能力，促使大学生成为“有理想、有道德、有文化、有纪律”的社会主义建设者和接班人。

Name of Course:

Syllabus:思想道德修养 is a school wide required course and with Maxims theory as a guidelines and basic rules about young students' growth as basis, it is designed to educate and guide students to know more about themselves, the environment, features of era. It aims to help college students to adapt to college life through instruction on interpersonal communication, physical and mental health and career planning, to foster right outlooks on life, values and morals, to foster a common ideal and belief in the construction of a socialist country with Chinese characteristics, to improve their ability to resist money worshipping, hedonism and extreme individuality. Thus it cultivates students as socialist erectors and successors with lofty ideals, integrity, knowledge and a strong sense of discipline.

课程名称：毛泽东思想概论

课程简介：本课程为全校各专业本科生的公共课。该课概括地论述了毛泽东思想的主要内容及其基本立场、基本观点、基本方法。是对学生进行中国共产党领导的人民革命与建设社会主义新中国的实践和理论的教育，帮助学生理解毛泽东思想是马列主义同中国实际相结合的第一次历史性飞跃的伟大成果，掌握毛泽东思想的主要内容和活的灵魂，认识近现代中国社会历史发展和革命运动规律。本课对开拓学生智力，发展学生的创造性思维，提高政治思想水平和在实际工作中的能力，具有相当大的作用。

Name of Course: An introduction to Mao Tsetung Thought

Syllabus: This course outlines the main content of the Mao Tsetung Thought and its basic standpoint and method. It argues that it's the CPC who led the people of China into new democratic revolution. Also it led the people into the socialism and won tremendous successes. Thus Mao Tsetung Thought is the first great accomplishment of China national conditions combined with Marxism-leninism. The students can master the main content and real spirit of Mao Tsetung Thought and understand the history of modern China by learning this course and it will play an important role in cultivating the students' capability of solving practical problems.

课程简介：“马克思主义哲学原理”课主要是对学生进行比较系统的马克思主义哲学基本原理的教育。通过本课程的学习帮助学生准确地把握辩证唯物主义和历史唯物主义的基本观点，确立辩证唯物的物质观和意识观、唯物辩证的发展观、科学的认识论和真理观、唯物辩证的历史观，使他们能够科学地理解毛泽东哲学思想、邓小平哲学思想特别是“三个代表”重要思想的哲学基础，树立马克思主义的世界观、人生观和价值观，提高理论思维水平和运用马克思主义科学世界观、方法论观察和分析问题的能力。

Name of Course: The Principles of Marxist Philosophy

Syllabus: The aim of the course is to teach the principles of Marxist Philosophy in a systematic way for the students. The course can help the students to grasp the basic viewpoints of Dialectical Materialism and Historical Materialism exactly. Through this course, the students can establish the dialectical and material Concept of Matter and Consciousness, Concept of Development, scientific Epistemology and Concept of Truth, and Concept of History and understand the basement of Mao Zedong's and Deng Xiaoping's Philosophical thoughts, especially the important Three Representatives scientifically. The students can establish the world view, outlook on Life and the concept of value. In the meantime, they can improve the level of theoretical thinking and the ability to observe and analyze problems by Marxist World Outlook and Methodology.

课程名称：法律基础

课程简介：法律基础课的性质：法律基础课是一门思想教育课。这门课既要向学生传授一定的法律知识，又要通过传授法律知识向学生进行以社会主义法制为主要内容的思想教育。

法律基础课的任务和目的：通过教学，使学生认识法制建设的重要性，懂得马克思主义法学的基本观点，以及宪法和基本法律的知识，正确行使公民的权利与义务。增强法制观念，知法、守法和用法。

法律基础课的主要内容：法的一般原理，我国社会主义法的基本理论、宪法与行政法、刑法、民法、诉讼法的基本知识。

Name of Course: Fundamentals of Law

Syllabus: The property of the course: This is an ideological education course which not only requires students to learn certain law knowledge but also educates students with socialist legal system by passing on the law knowledge.

The objective of the course: The course enables the students to realize the importance of the legal system construction, understand the basic standpoint of Marxist Law and the knowledge of the constitution and other basic laws, carry on citizen's rights and duties, strengthen the legal system idea, know law, and obey the law.

Main contents of the course: The general theories of law; the basic theory of socialist law, constitution and Administration law, penal law, civil law and litigation law.

课程名称：马克思主义政治经济学原理

课程简介：马克思主义政治经济学原理课程系教育部所设置的马克思主义政治理论课程的组成部分。本课程主要是对学生进行马克思主义政治经济学资本主义部分基本原理的教育，引导和帮助学生运用马克思主义的立场、观点和方法去观察和认识资本主义生产关系和社会主义生产关系的实质，科学认识资本主义和社会主义经济运行的基本问题。把握经济全球化发展的大趋势，认识世界经济发展的新变化与中国经济发展面临的新问题，从而科学认识资本主义和社会主义发展的历史进程，坚定为建设有中国特色的社会主义而奋斗的理想信念。

Name of Course: Principles of Marxist Political Economics

Syllabus:Principles of Marxist Political Economics is part of courses on Marxist Political theory authorized by Ministry of Education. It is mainly designed for students to enable them to learn the basic principles of capitalism of Marxist Political Economics, help them observe and discover the essence of production relationships in capitalist and socialist world with the principles, opinions and methods of Marxism, and get a scientific cognition of the basic problems in economic operations of capitalist and socialist. It also helps them grasp the main trend of economic globalization, learn the new changes of economic development of the world and the new problems facing the economic development of China, thus to obtain a right awareness of the historical processes of capitalist and socialist development and to strengthen the ideal and the conviction of striving hard for constructing the socialism with Chinese characteristics.

课程名称：邓小平理论和“三个代表重要思想”概论

课程简介：该课程为高校马克思主义政治理论公共课，属本科必修科目。

本课程从邓小平理论形成的时代背景和社会历史条件，到邓小平理论的形成发展过程，重点介绍邓小平理论的科学体系和主要内容。“三个代表”重要思想是马克思主义中国化的最新理论成果，“三个代表”重要思想的主要内容、历史地位和指导意义也是本课程的重点所在。本课程还涉及社会主义的本质和根本任务，社会主义初级阶段和党的基本路线、基本纲领，中国社会主义建设的发展战略，中国发展社会主义市场经济、坚持改革开放，一国两制和实现祖国的完全统一等各方面的内容。

Name of Course: The Introductory Course for Dengxiaoping' Theories and “Three Representatives”

Syllabus:The course is a public class of Marxism and political theories in college, belonging to the undergraduate course required subject. In this course, we learn the process of formation and development of Deng Xiaoping theory, introduces science system and main content of the theory. The important thought of “three representatives” is the latest theories result of China-Marxism. The main contents, the history position and current significance of the important thought are also essential parts in this course. This course is concerning the nature and basic tasks of socialism; the basic route and creed of the Chinese Communist Party; developing strategy of Chinese socialism construction; socialism market economy; reforming-opening policy; one nation-two systems policy and complete reunion of the country,etc.

English

Intermediate to advanced level English course. Review and further study of grammar. Classical English literature reading. Practice on spoken English. Modern English literature and articles reading and writing.

(四) 西北工大信息工程专业课程描述



西安工业大学
北方信息工程学院

Xi'an Technological University

North Institute of Information Engineering

Course Description --Mechanical Design, Manufacturing and Automation

A345 Course Title: P.E.I

Credit: 1.5

This course intends to make students master a number of basic physical activities; develop students' physical & mental consciousness of physical exercises and lay a sound foundation for their life-long participation in physical exercises. In P.E.I, there are basketball, football, table tennis and badminton, from which students can one to learn.

0051 Course Title: Higher Mathematics A I

Credit: 5.5

Higher Mathematics A I is one of the important courses for training students basic quality, and it has important applications in extremely wide range of areas. The preceding course of advanced mathematics is primary mathematics. By studying this course ,it can nurture student's abstract thinking, logical reasoning, the ability to imagine space, in particular, can train the ability of calculation , problem-analysis and solving with integrated mathematical knowledge. This subject builds up necessary mathematical foundation for studying the follow-up professional lessons and basic professional lessons, scientific research, furthering modern scientific knowledge. It includes Function and Limit, Derivative and Differential Coefficient, Differential Value Theorem and the Application of Derivative, Indefinite Integral, Integral, Integral Applications, Analytic Geometry of Space and Vector Algebra, Differential of Pluralistic Function and its Application, Re-integration, Integral Curve and Integral Surface, Infinite Series and Differential Equations. The course is assessed by examination.

0088 Course Title: Engineering Graphics

Credit: 4

This course covers lettering, geometric construction, sketching and shape description, basic descriptive geometry, developments and intersections, axonometric, oblique and perspective drawings, multiview projection, principal views, conventional practice, sectional views, auxiliary views, dimensioning techniques. Besides, the course introduces computer drawing, drawing aids, geometrical construction, and the appropriate commands of text, editing, plotting, sections, layers and pictorial views.

4001 Course Title: English I**Credit: 5**

The aim of this course is to improve students' basic skills of English—listening, speaking, writing, reading and translating.

Listening: Students should be able to follow classroom instructions, everyday conversations and lectures on general topics conducted in English. They should, by and large, be able to understand Special English programs spoken at a speed of about 130 words per minute (wpm), grasping the main ideas and key points. They are expected to be able to employ basic listening strategies to facilitate comprehension.

Speaking: Students are able to communicate in English in the course of learning, to conduct discussions on a given theme, and to talk about everyday topics with people from English-speaking countries. They should be able to give, after some preparation, short talks on familiar topics with clear articulation and basically correct pronunciation and intonation. They are expected to be able to use basic conversational strategies in dialogue.

Reading: Students should be able to read, in the main, English texts on general topics at a speed of 70 wpm. With longer yet less difficult texts, the reading speed should be at 100 wpm. They should be able to read, in the main, English newspaper and magazines published in China, grasping the main ideas, and understanding major facts and relevant details. They should be able to understand texts of practical styles commonly used at work and in life. They are expected to be able to employ effective reading strategies while reading.

Writing: Students should be able to complete writing tasks for general purposes, e.g. describing personal experiences, impressions, feelings, or some events, and to understand practical writing. They should be able to write within 30 minutes a short composition of 120 words on a general topic or an outline. The composition should be basically complete in content, appropriate in diction and coherent in discourse. Students are expected to be able to have a command of basic writing strategies.

Translation: With the help of dictionaries, students should be able to translate essays on familiar topics from English into Chinese and vice versa. The speed of translation from English into Chinese should be 300 English words per hour whereas the speed of translation from Chinese into English should be 250 Chinese characters per hour. The translation should read smoothly. Students are expected to be able to use appropriate translation techniques.

Recommended Vocabulary: Students should acquire a total of 4,500 words and 700 phrases, among which 2,000 are active words. Students should not only be able to comprehend the active words but be proficient in using them when expressing themselves in speaking or writing.

2897 Course Title: College Chinese**Credit: 3**

This course mainly focuses on the major genres of Chinese literature from its ancient origins to the present. It examines selected works representative of the development of the literary tradition in its historical and cultural contexts. Philosophic classics and early historical writing are introduced, but more emphasis is put on poetry, drama, and fiction, and on critical approaches to them.

4984 Course Title: Chinese History**Credit: 2**

This course focuses on the basic theories of Marxism and closely combines them with practical issues in modern china while incorporating new findings from contemporary researches on philosophy , and students could analyze practical problems with these theories .The course's main contents include the corporality of world and its law of development ; understand the world and change the world ; the human society and its law of development ;the formation of capitalism and its essence; the historical process of capitalism, etc. It helps students understand the national history and the national conditions.

Course Title: Marketing**Credit: 1.5**

Application of current theories and concepts in effectively marketing goods and services to define target customers from a domestic and global perspective. Includes market research, the influence of external factors, corporate social responsibility and consumer behavior, identifying target customers, developing product offers, branding, pricing, marketing communications and distribution channels. Marketing is critically examined from the perspective of the consumer, economy, technology, legal/political issues and ethical/social responsibility.

A344 Course Title: Basic Computer**Credit: 3**

This course examines some of the fundamental ideas of the science of computing. Classes and hands-on assignments cover a wide variety of topics such as hardware organization, the Internet, computer programming, limits of computing, and graphics.

0052 Course Title: Higher Mathematics AII**Credit: 5.5**

Higher Mathematics AII is an important fundamental theory subject of mathematics for Science and engineering specialist professional in university. Its precourse is Elementary Mathematics. By studying this course build up necessary foundation for the study of the follow-up fundamental subjects and other professional subjects. Higher Mathematics II mainly study the problems of Limit and Continuity of a Function, Derivative and Differentia, Mean Value Theorems and Applications of Derivatives, Indefinite Integral, Definite Integral and its Applications, Differential Equations etc. This subject will be assessed by the form of closed-book exam.

0063 Course Title: Linear Algebra**Credit: 3**

Linear algebra is an important component of undergraduate mathematics, particularly for students majoring in science, engineering, and social science disciplines. At the practical level, matrix theory and the related vector-space concepts provide a language and a powerful computational framework for posing and solving important problems. Beyond this, elementary linear algebra is a valuable introduction to mathematical abstraction and logical reasoning because the theoretical development is self-contained, consistent, and accessible to most students. This course is to help students to develop those aforementioned skills.

0084 Course Title: Physics I**Credits: 3.5**

For science major students whose mathematics background includes algebra and trigonometry. This course includes mechanics, energy, thermodynamics, electricity and magnetism, optics, wave motion and modern physics.

4002 Course Title: College English II**Credit:5**

The aim of this course is to improve students' basic skills of English—listening, speaking, writing, reading and translating.

Listening: Students should be able to follow, in the main, talks and lectures by people from English-speaking countries, to understand longer English radio and TV programs produced in China of familiar topics spoken at a speed of around 150 wpm, grasping the main ideas, key points and relevant details. They should be able to understand, by and large, course in their areas of specialty taught by foreign teachers in English.

Speaking: Students should be able to hold conversation in fairly fluent English with people from English-speaking countries, and to employ fairly well conversational strategies. They should, by and large, be able to express their personal opinions, feelings and views, and to state facts, events and reasons with clear articulation and basically correct pronunciation and intonation.

Reading: Students should, in the main, be able to read essays on general topics in newspaper and magazines published in English-speaking countries at a speed of 80 wpm. With longer texts for fast reading, the reading speed should be 120wpm. Students should be able to skim or scan reading materials. When reading summary literature in their areas of specialty, students should be able to get a correct understanding of the main ideas, major facts and relevant details.

Writing: Students should be able to express personal views on general topics, compose English abstracts of these in their own specialization, and write short English papers on topics of their specialty. They should be able to describe charts and graphs, and to complete within 30 minutes a short composition of 160 words. The composition should be complete in content, clear in organization and coherent in discourse.

Translation: With the help of dictionaries, students should be able to translate texts on familiar topics in newspapers and magazines published in English speaking countries, to translate on selective basis articles of popular science relevant to their own specialty. The speed of translation from English into Chinese should be 350 English words per hour whereas the speed of translation

from Chinese into English should be 300 Chinese characters per hour. The translation should read smoothly, convey the original meaning and be free from serious mistakes in understanding or expression.

Recommended Vocabulary: Students should acquire a total of 5,500 words and 1,200 phrases, among which 2,500 are active words (including the active words that have been covered in the Basic Requirements).

4982 Course Title: Thought Morals Tutelage and Legal Foundation

Credit: 3

This course is focus on the correct view of life, good values, morality and general understanding of law and it can lead the students to improve their own moral values and law sense. The course's main contents include:

Pursue lofty ideal and firm impregnable belief;

Inherit patriotic tradition and carry forward the national spirit;

Digest the meaning of life and create the value of life;

Improve personal morality and enhance moral trait;

Abide social morality and preserve public order;

Enhance the sense of law and carry forward the spirit of rule by law;

Understand the legal system.

8502 Course Title: Military Training

Credit: 4

This course cultivates students' virtue of patriotism and collectivism and the quality of indomitable characters. It is one of the compulsory courses for the bachelor degree program and taught on the basis of the Marxist theory theories, Mao Zedong's thoughts, Deng Xiaoping's Theories and Jiang Zemin's 'Three Represents'.

A346 Course Title: P.E.II

Credit: 1.5

This course intends to make students master a number of basic physical activities; develop students' physical & mental consciousness of physical exercises and lay a sound foundation for their life-long participation in physical exercises. In P.E.II, there are Chinese kungfu, swimming, aerobics dancing basketball, football, table tennis and badminton, from which students can one to learn.

A877 Course Title: Basic computer Training

Credit: 1

This course will provide an overview of experimental design, statistical modeling and analysis strategies that have been developed specifically for treating data from complex codes. Approximations of the code output by statistical surrogates and the visualization of input-output relationships are key components of such a strategy. The course will emphasize understanding and portraying the methods through explicit examples; technical issues will be addressed through ancillary material that will be provided.

A716 Course Title: C Programming Language

Credit: 4

This course provides students with a comprehensive study of the C programming language. Upon completion of this course, students will be able to:

Write C programs that are non-trivial.

Use the variety of data types appropriate to specific programming problems.

Utilize the modular features of the language.

Demonstrate efficiency and readability.

Demonstrate the use of the various control flow constructs.

Use arrays as part of the software solution.

Utilize pointers to efficiently solve problems.

Include the structure data type as part of the solution.

Create their own data types.

Use functions from the portable C library.

0065 Course Title: Probability and Statistics

Credit: 3

This course provides an elementary introduction to probability and mathematical statistics. Topics include: axiomatic probability; conditional probability; random variables/vectors; distribution functions; expectations; moment-generating functions; special distributions; functions of random variables/vectors; random sampling and sampling distributions; central limit theorem; weak law of large numbers.

0085 Course Title: Physics II

Credit: 3.5

For science major students whose mathematics background includes algebra and trigonometry. This course includes mechanics, energy, thermodynamics, electricity and magnetism, optics, wave motion and modern physics.

2284 Course Title: Electro Technical

Credit: 3.5

This course is designed to develop a broad range of skills and knowledge relating to electrical installation practical skills, electrical theory and knowledge, electrical science and principles.

3690 Course Title: Theoretical Mechanics B

Credit: 4

The study of forces and energy and their effect on the motion of particles. Topics include the motion of a particle in a force field, the dynamics of rigid bodies, the detailed study of damped, forced and coupled oscillators. Newtonian and Lagrangian formulation of mechanics as well as computational methods of solution will be studied.

4003 Course Title: College English III

Credit: 5

The aim of this course is to improve students' basic skills of English—listening, speaking, writing, reading and translating.

Listening: Students should be able to understand longer dialogues and passages, and grasp the key points even when sentence structures are complicated and views are only implied. They should, by and large, be able to understand radio and TV programs produced in English-speaking countries. They should be able to understand lectures related to their areas of specialty and grasp the gist and main points.

Speaking: Students should be able to conduct dialogues or discussion with certain degree of fluency and accuracy on general or specialized topics, and to make concise summaries of extended texts or speeches in difficult languages. They should be able to deliver papers at academic conferences and participate in discussions.

Reading: Students should be able to read rather difficult texts, and understand their meanings. With the help of dictionaries, they should be able to read original versions of English textbooks and articles in newspapers and magazines published in English-speaking countries, and to read literature related to their areas of specialty without much difficulty.

Writing: Students should be able to express their opinions freely on general topics with clear structure, rich content and good logic. They should be able to write brief reports and papers of their areas of specialty, and to write within 30 minutes expository or argumentative essays of 200 words on a given topic. The text has complete content, logical thinking, and clear expression of ideas.

Translating: With the help of dictionaries, students should be able to translate fairly difficult English texts on popular science, culture, and reviews in newspapers and magazines published in English-speaking countries into Chinese, and translate Chinese introductory texts on the conditions of China or Chinese culture into English. The speed of translation from English into Chinese should be 400 English words per hour whereas the speed of translation from Chinese into English should be 350 Chinese characters per hour. The translation should convey the idea with accuracy and smoothness and be basically free from mistakes and misinterpretation.

Recommended Vocabulary: Students should acquire a total of 6,500 words and 1,700 phrases, among which 2,500 are active words (including the active words that have been covered in the Basic Requirements and Intermediate Requirements).

4505 Course Title: Marxist Philosophy**Credit: 3**

This course focuses on the basic theories of Marxism and closely combines them with practical issues in modern China while incorporating new findings from contemporary researches on philosophy and students could analyze practical problems with these theories, such as the weltanschauung and methodology of Marxism; the principle of Dialectical and Historical Materialism; the principle of epistemology, etc.

Course Title: Design Practice A**Credit: 2**

This course is a compulsory course for the students majoring in Mechanical Design, Manufacturing and Automation. Its main contents is:

- (1) Power supply design: workshop power supply and voltage, power supply system;
- (2) Electrical control circuit design: the number of motor control, a typical lathe, outside the park grinder, universal milling, bridge cranes and other control lines;
- (3) Electric lighting design: power, voltage, capacity, selection and distribution system in the form illumination;
- (4) Lightning protection and security;
- (5) Installation Practice: Installing distribution lines, low voltage electrical equipment installation, indoor wiring installation, lighting system installation.

Course Title: Three-dimensional design

Credit: 3

Three-dimension Designing is an elective course for the student majoring in Mechanical Design, Manufacturing and Automatization. Machine Produce Technology is the precourse for this course. The students will mainly learn Solidworks software and method and skill. Assessment methods for this course are checking, testing or other methods.

A347 Course Title: P.E.III

Credit: 1.5

This course intends to make students master a number of basic physical activities; develop students' physical & mental consciousness of physical exercises and lay a sound foundation for their life-long participation in physical exercises. In P.E.III, there are artistic gymnastics, Chinese kungfu, aerobics dancing, basketball, football, table tennis and badminton, from which students can one to learn.

A350 Course Title: Physical Experiment I

Credit: 1.5

Intermediate-level laboratory course to develop experimental design and measurement techniques, data reduction and analysis methods and oral and written presentation skills. Experiments vary as equipment and technologies evolve.

A351 Course Title: Physical Experiment II

Credit: 1.5

Intermediate-level laboratory course to develop experimental design and measurement techniques, data reduction and analysis methods and oral and written presentation skills. Experiments vary as equipment and technologies evolve.

A335 Course Title: Mechanical Drawing

Credit: 3

Mechanical Drawing teaches the basic concepts of mechanical drafting and print reading. Students will learn to use drafting instruments such as sliding parallels, triangles, and compasses to produce drawings of mechanical objects. Students will also learn all about line weights, lettering, dimensioning, and other drawing techniques. Students will also learn to use Computer Assisted Drawing (CAD) programs to produce some of these same drawings. If students are enrolled in other courses such as Woodshop, Metal Shop, Electricity, etc., they will find that the skills learned

in Mechanical Drawing can be put to use doing drawings for these classes.

1010 Course Title: Mechanical Manufacturing

Credit: 3

Mechanical Manufacturing is a compulsory course for the students majoring in Mechanical Design, Manufacturing and Automatization. The preceding course is Mechanical Drawing. The purpose is to lay a foundation for Graduate design and related internship. Through this course, students will master the basic theories and knowledge of machining and assembly, and they will have a certain understanding of computer-aided manufacturing and special processing technology. Assessment method for this course is examination.

2285 Course Title: Electronics

Credit: 3.5

This introductory course teaches students the basics to electronic technology. Students experiment with direct current and series-parallel circuits, fiber optic components and oscillators. Study of Ohms' law, Watt's law and superposition theory is covered.

3598 Course Title: Mechanics of Materials A

Credit: 3.5

Mechanics of Materials is a compulsory course for the student majoring in Mechanical Design, Manufacturing and Automatization. Physics and Mechanical Drawing are the precourses for this course. This course will lay the foundation for student to study Basic Theory of Machines and Mechanisms, Advanced Design Methods and Computer Aided Engineering. The majors will mainly learn basic theory and basic knowledge. Students will acquire the preliminary ability to select proper materials for mechanical components and to design the line of crafts according to the conditions to use mechanical parts and the requirements for functions. Assessment methods for this course are checking, testing or other methods.

4004 Course Title: College English IV

Credit: 5

In English IV, students will integrate all the language arts skills gained throughout all english courses. The curriculum both affirms these skills and equips the students to be life-long learners. Students are able to explore expressive, expository, argumentative, and literary contexts. The emphasis in English IV is on critical analysis of texts through reading, writing, speaking, listening, and using media. In addition, the students will:

Express reflections and reactions to texts.

Explain principles inspired by the curriculum. *interpret and qualify texts.

Research and address issues of public or personal concern.

Create products and presentations which maintain standard conventions of the written and spoken language.

4985 Course Title: Mao Zedong Thought, Deng Xiaoping Theory and "Three Represents"

Credit: 6

The course focuses on the process that Chinese Communist Party's combining the basic theories of Marxism with China's reality, which has fully reflected the three major theoretical results by using the Marxism in China. The course helps students to systematically master Mao Zedong Thought, Deng Xiaoping Theory and the basic principles and main content of the "Three Represents" important thought, to strengthen the ideals and beliefs of following the socialist road with Chinese characteristics under the leadership of the Communist Party of China.

A348 Course Title: P.E.IV

Credit: 1.5

This course intends to make students master a number of basic physical activities; develop students' physical & mental consciousness of physical exercises and lay a sound foundation for their life-long participation in physical exercises. In P.E.IV, there are artistic gymnastics, Chinese kungfu, swimming, aerobics dancing, basketball, football, table tennis and badminton, from which students can choose one to learn.

A796 Course Title: Information Retrieval

Credit: 1

This course studies the basic principles and practical algorithms used for information retrieval and text mining. The contents includes: statistical characteristics of text, several important retrieval models, text categorization, recommendation system, clustering, information extraction, etc. The course emphasizes both the above applications and solid modeling techniques (e.g., probabilistic modeling). Students will learn the theories and techniques behind Web search engines, E-commerce recommendation systems and get hands on project experience by developing real-world applications.

Course Title: Metalworking A

Credit: 4

Metal Technology is a compulsory course for the student majoring in Mechanical Design, Manufacturing and Automatization. Engineering Drawing and Machinery Engineering Materials are the precourses for this course. This course will lay the foundation for student to study the basic mechanical processing knowledge and structures or principles of related equipments. Students will obtain some operating skills by lessons and practices of this course. Assessment methods for this course are checking, testing or other methods.

3102 Course Title: Theory and Application of Microcomputer

Credit: 3

This course is mainly about the basic theory of microcomputer and classic application of interface. Because the detail architecture and mechanism of modern microcomputer and interface are updated very quickly, understanding how to learn these technologies is much more important than understanding detail technologies in this course. So, the core content of this course is about most stable theories of microcomputer, most classic applications of interface, and study ways for these contents. Assignments are demanded to be completed after school. The content of this course includes internal architecture and basic mechanism of CPU, instruction system and assembler

language, external architecture of CPU, architecture and sequential operation of system bus, memory architecture, general interface architecture and operation mechanism. Debug tool of assembler language based program is also introduced in this course for practice requirement. After learning students would have a good grasp of the basic theory of microcomputer and interface, the basic study way in applications concerned, and be able to practice them in application development.

1110 Course Title: Interchangeability and Technical Measurement

Credit: 2.5

Interchangeability and Technical Measurement is a compulsory course for the student majoring in Mechanical Design, Manufacturing and Automatization. Mechanical Drawing and Advanced Mathematics are the precourses for this course. This course will lay the foundation for student to study Mechanism design technology and graduate design etc. As the Major, mostly learning the basic knowledge of exchangeability production principles and the rules and proper use of tolerance and conjugate, the principles of precision design of column connection and measurement technology, the basic principles and methods of the precision design of components to lay a solid foundation for the reasonable application of tolerance standards in structural design. Assessment methods for this course are checking, testing or other methods.

1294 Course title: Mechanical Principle

Credit: 3

Familiarizes the student with basic mechanical concepts. The lecture presents the principles which are applied and practiced in the laboratory. Laboratory experiences include blueprint reading sketching, visualization and hand tool skills. The sketching assignments directly relate to the hand tools laboratory projects. The hand tools projects include mechanical fabrication and dissection of some common machines.

1116 Course Title: Control Engineering

Credit: 2.5

This course is a compulsory course for the student majoring in Mechanical Design, Manufacturing and Automatization. Advanced Mathematics, Electrical Engineering and Mechanical Design are the precourses for this course. This course will lay the foundation for student to study graduate design. As Majors, they will mainly learn the basic concepts of foundation of Control in Mechanical Engineering, to understand research and the main content of mechanical engineering Cybernetic; they will also learn to grasp the foundation of mathematical modeling and function approach of transmission system, grasp paintings law and simplified methods of System dynamics chart and grasp the temporal response of system and analytical method of frequency and characteristic, especially polar coordinate and logarithmic coordinates method of second-order system's performance analysis, frequency and character analysis. They are expected to grasp the basic conception and discrimination techniques of system stability, and to calculate system emendation and system identification. Assessment method for this course is examination.

1004 Course Title: Mechanical Design

Credit: 4

This course focuses on meaning, phases, evaluation, considerations of design, stress analysis, deflection analysis, static strength and theories of failure, fatigue strength; design of fasteners and connections; riveted joints, bolts and screws, force-deflection diagrams of bolted connections; welded joints; mechanical springs, helical, leaf and torsional spring shafts.

1011 Course title: Hydraulic and Pneumatic Transmission**Credit: 2**

Hydraulic and Pneumatic Transmission is a compulsory course for the student majoring in Mechanical Design, Manufacturing and Automatization. Mechanical Drawing and Advanced Mathematics are compulsory courses for the students majoring in Mechanical Design, Manufacturing and Automatization. As majors, they will mainly learn elementary knowledge of hydraulic transmission technology and structural feature and work principle of typical hydraulic part. Students are also expected to grasp composition of hydraulic basic loop and work principle of typical hydraulic transmission system; to understand design and calculation of hydraulic transmission system, and application in actual project. Assessment methods for this course are checking, testing or other methods.

1248 Course Title : Engineering Measurements**Credit: 2.5**

This course covers report writing, basics of metrology, inspection and measurements.; errors & error analysis, uncertainty analysis, statistical methods, least squares method; basics of transducers. Static and dynamic characteristics of systems, measurement of flow, pressure, and temperature. Strain gauges, strain rosettes.

1251 Course Title: Course Exercise in Mechanical Design II**Credit: 2**

A project oriented course aimed at applying the design and selection techniques covered in machine design courses into an integrated project. Students work in teams on real life mechanical design problems.

6134 Course Title : Design of Mechanical and Electrical System**Credit: 2.5**

Design of Mechanical and Electrical System combining theoretical and practical applications with real world constrictions. The designs are to incorporate sensors, actuators, microprocessor interfacing, PLC, and computer control.

(五) 吉林大学珠海学院课程简介

1. 大学英语 (1)

培养学生的英语综合应用能力,特别是读.写能力,使他们在以后的工作和社会交往中能用英语进行有效地口头和书面信息交流,同时增强其自主学习能力、提高综合文化素养,以适应我国经济发展和国际交流的需要。

College English I

To cultivate students' comprehensive ability of using English, especially in reading and writing ability, so that they in the future work and social interactions can be used effectively in English both oral and written exchange of information, like writing articles and compositions, while enhancing their self-learning ability, increase cultural awareness, in order to adapt to China's economic development and international exchange needs.

2. 大学英语 (2)

本课程教学的目的是培养学生具有较强的阅读能力和一定的写作能力,使他们能用英语交流信息,帮助学生掌握良好的语言学习方法,打下扎实的语言基础,提高文化素养,适应社会发展和经济建设的需要。

College English II

The purpose of this course continues and expands upon materials covered in English Composition 1, prove students with strong writing ability and a certain degree of listening, speaking, writing and translation capabilities, so that they will be expected to read, analyze and write articles, essays, novels and plays. This course is include extensive research and essay writing.

3. 大学英语 (3)

本课程教学的目的是,在中学英语学习的基础上,培养学生具有较强的阅读能力和一定的听、说、写、译的能力,使他们能用英语交流信息,帮助学生掌握良好的语言学习方法,打下扎实的语言基础,提高文化素养,适应社会发展和经济建设的需要。

College English III

The purpose of this course is to train students to treat English as a foreign language and to engage students in English-based educational activities. The main goal is to get students talking in English. The main manner to teach them is to give them the opportunity to talk to other one, to small group, to large group. Students will be required to deliver a thoughtful and informative presentation about key cultural and English cultural.

4. 会计学

本课程是会计专业的一门最重要的专业基础课，主要介绍会计的基本概念、基本理论和基本方法。具体包括基本职能、对象、会计要素、会计等式等基本理论；会计科目设置与账户体系建立，借贷记账原理及其运用（供产销三大环节的账户设置及运用），会计凭证的识别、审核与填制，账簿的设置与登记，资产计价与财产清查，会计报表的编制等基本方法。

Accounting

This course is the accounting profession in one of the most important professional basic course introduces fundamental accounting concepts, basic theory and basic methods. Including its basic functions, objects, elements of accounting, accounting equation, the basic theory; chart of accounts set up with the establishment of a system account, loan accounting principles and its application (for the three sectors of production and marketing account settings and use), the accounting documents to identify, auditing and fill in, books of account setup and registration, asset valuation and property inventory, accounting statements and other basic method of preparation.

5.线性代数

线性代数是一门重要的基础理论课程，通过本课程的学习，使学生获得应用科学中常用的矩阵方法、线性方程组、二次型理论及有关的基础知识，并且有熟练的矩阵运算能力和矩阵方法解决一些实际问题的能力，从而为提高学生的数学素质。

Linear Algebra

Linear algebra is an important foundation for the theory courses, through this course of study, students can commonly used in applied science-matrix method, linear equations, quadratic form theory and the basic knowledge and skilled operation of matrix capacity and matrix methods to solve some practical problems, such as powers, roots, ratios, and proportions. so as to improve the quality of students in mathematics.

6.经济法

国家调整经济活动中所发生的各种经济关系的法律规范的总称。经济法与商法类似，法律理念的目标模式是有利于政治统治的秩序、效率、公平和正义，并相信通过法律可以达到该种目标。经济法理念比民商法等法律更加鲜明地体现了整个法理念的社会化新时代特征。

Economic Law

Economic law is a study of the world legal system, it contains business and trade principles, and the business ethical issues that the trader encounter. Economic Law include Business Law, contracts and sales, third party right, consumer law and internet law. The economic law is a legal system of the world, through this study, students can mainly deal with business law problems around the world.

7.马克思主义基本原理

课程主要内容有马克思主义的产生、历史发展和特点、物质世界及其发展规律、认识世界和改造世界、人类社会历史发展及其规律，资本主义的产生、本质和历史进程、社会主义社会的实践和发展、共产主义社会是人类最崇高的理想社会等。本课程的内容涵盖马克思主义哲学原理、马克思主义政治经济学原理和科学社会主义的基本理论，突出了马克思主义是一个高度统一的有机整体。

Marxist Philosophy

The main content of Marxist curriculum generation, the historical development and characteristics of the material world and its laws of development of understanding of the world and transform the world, the historical development of human society and its laws, the emergence of capitalism, nature and historical process, the practice of socialist society and development of communist society is the highest ideals of human society. The course covers the principles of Marxist philosophy, Marxist political economy principles and the basic theory of scientific socialism, highlighting that Marxism is a highly integrated organic whole.

8.统计学

介绍统计推理。强调概念，而不是深入的传统统计方法的覆盖范围。主题包括取样和试验，描述性统计，概率，二项分布和正态分布，估计，单样本及两个样的手段和比例假设检验。其他主题将选择从回归和相关，或联表分析的描述方法。

Statistics

Introduction to statistical reasoning. Emphasis on concepts rather than in-depth coverage of traditional statistical methods. Topics include sampling and experimentation, descriptive statistics, probability, binomial and normal distributions, estimation, single sample and two sample hypothesis tests for means and proportions. Additional topics will be selected from descriptive methods in regression and correlation, or contingency table analysis.

9.宏观经济学

在对大量社会问题出现的分析介绍，让经济理论的用途。具体课题包括消费者的选择，决定以公司的价格决策和价格搜索的情况下，通货膨胀和总就业的分析。没有先决条件。

Macro Economics

An introduction to the uses of economic theory in the analysis of problems emergent in large societies. Specific topics include consumer choice, decision making by firms in price taking and price searching situations, and inflation and aggregate employment analysis.

10. 计算机文化基础

课程包括计算机的基本知识、WINDOWS 2000 操作系统、办公自动化集成软件 OFFICE2000 和 INTERNET 的应用、信息安全和职业道德等内容，达到国家教育部提出的计算机基础教学第一个层次的要求。

Introduction of Computer Technology

This course include basic knowledge of computers, WINDOWS 2000 operating system, office automation integrated software OFFICE2000 and INTERNET applications, information security and ethics and other content, up to the national Ministry of Education of the computer-based teaching the first level requirement.

11. 思想道德修养和法律基础

课程主要涉及人生观、价值观、道德观和法制观四个大的方面，具体教学内容包括理想信念教育、爱国主义与民族精神教育、人生观与价值观教育、社会主义与共产主义教育、社会公共生活中的道德与法律规范教育、职业生活中的道德与法律规范教育、恋爱婚姻中的道德与法律规范教育、社会主义法律精神与法治观念教育、我国基本法律制度与规范知识教育等。

Thought and Morals Accomplishment and Law Basis

Course includes outlook on life, values, ethics and the rule of law concept of four major aspects. Course covers ideals and beliefs of education, patriotism and national spirit, life and values education, socialism and communism, education, social and public life, the moral and legal norms of education, professional life, the moral and legal norms of education, love, marriage ethical and legal norms of education, the socialist spirit of the law and the rule of law and the concept of education, our knowledge of basic legal system and standardized education.

12. 商务谈判

本课程将集中在商业和贸易谈判。发言和谈判的特点进行讨论。进一步的主题包括自我发展，态度和动机，目标设定，时间管理，学习和研究技能，互联网资源和团队精神。将推出一个学习和资格投资组合的风格记录的概念，将成为整个学生工作文件的学术课程。完成此课程的学生将有更好的准备，以便在执行贸易和学术生涯的挑战完成

Negotiation

This course will focus on the negotiation of business and trade. The characteristics of speaking and negotiation will be discussed. Further topics include self development, attitude and motivation, goal setting, time management, study and research skills, internet resources and teamwork. Students will be introduced to the concept of a portfolio style record of learning and

qualifications that will become a working document throughout their academic program. Upon completion of this course students will be better prepared to undertake the challenges of the trade and academic careers.

13. 管理学

课程基本内容关注三方面知识的教学：管理发展的历史演变；组织管理的基本原理；以巴纳德组织内部平衡、外部平衡、动态平衡为核心依次展开的管理职能和要素。伴随近年来中国企业管理发展实际，逐步增加和充实有关中国式管理方面的教学内容。教学中有意识地介绍管理学相关基础学科的知识和文献，引导学生拓宽知识面。

Management

Course content to focus on three areas of basic knowledge of teaching: the historical evolution of management development; the basic principles of organization and management; to Barnard balance within the organization, external balance, dynamic balance in turn carried out as the core management functions and elements. With the management of Chinese enterprises in recent years, the development of practical, gradual increase and enrich the Chinese-style management of the teaching content. Teaching in the conscious presentation of the relevant basic disciplines of management knowledge and literature, guide the students to broaden their knowledge.

14. 应用文写作

本课程共包括五大教学单元，分别讲述实用型文章的特征、提供应用写作水平的途径以及行政文体、财经文体、法律事务文体、科研文体等四大类文体中常用文种的写作知识。本课程的教学目的，是使学习者系统掌握常用的应用类文章的主要用途及其写作要领，获取为应用型人才所必备的文章写作能力及文章分析与处理能力，使其实际写作水平乃至工作能力、总体素质得到提高，以适应当前和今后在工作、学习以及研究中的各种写作需要。

Application of writing

The course includes a total of five teaching modules, respectively, the characteristics of the article about the practical and provide ways to use writing skills as well as administrative style, financial style, style legal affairs, research and style, etc. commonly used in four major categories of sports kinds of writing knowledge of the text. The purpose of this teaching course is to enable learners to master the system commonly used in application class and its main purpose of the article Writing Essentials, access to application-oriented talents writing skills necessary for articles and papers on analysis and processing capacity to the level of the actual writing and even the ability to work, the overall quality improved to meet current and future work, learning and research needs of the various writing.

15. 中外广告欣赏

本课程以审美为主线，以古今中外的广告作品为基础，扩大学生的音乐视野，内容有音乐欣赏的基本常识；声乐作品及声乐表演常识；民歌、中外传统艺术歌曲、中外现代创作歌曲的欣赏；中外歌剧、舞剧音乐欣赏；中外著名音乐家生平介绍及代表作欣赏；现代音乐的发展及作品欣赏；中外音乐发展简史。

Chinese and foreign cultural appreciation

This course explores the role of advertising with a focus on the structure, foreign cultural diversity and its impact on society. Topics include Chinese and foreign traditional advertising, Chinese and foreign advertising culture of the appreciation; Chinese and foreign culture difference, help us know more culture of foreign countries.

16.中外文化概述

中外文化的概念，目的是扩大和加深学生的理解，经验，和批判性思维技能方面的文化差异和跨文化的互动，在不同文化和观点，有效地参与世界。这个程序可以帮助您开发的敏感性，提高认识，知识和技能，用以确定的相同和不同文化的差异。这个计划还将指导探索和跨意味着你种族，跨民族，跨地方，国家和全球社区的文化互动..

Chinese-foreign Culture Concept

Chinese-foreign culture concept aims to broaden and deepen students' understanding, experience, and critical thinking skills with regard to cultural differences and cross-cultural interactions, for effective participation in a world of diverse cultures and viewpoints. This program can help you develop sensitivity, awareness, knowledge and skills with which to determine the similarities and differences of various cultures. This program will also guide you in exploring ways and means for cross-racial, cross-ethnic and cross-cultural interaction in the local, national and global communities.

17.就业指导课

通过实施系统的就业指导教学训练，使学生了解就业形势，熟悉就业政策，提高就业竞争意识和依法维权意识；了解社会和职业状况，认识自我个性特点，激发全面提高自身素质的积极性和自觉性；了解就业素质要求，熟悉职业规范，形成正确的就业观，养成良好的职业道德；掌握就业与创业的基本途径和方法，提高就业竞争力及创业能力。

Career Guidance Course

Career guidance through the implementation of teaching and training systems to enable students to understand the employment situation, familiar with employment policy, employment rights protection awareness of competition, and according to law; understanding of social and occupational status, personality characteristics of self-understanding, and comprehensively improve their own quality to stimulate the enthusiasm and consciousness; understand the quality of employment requirements, are familiar with professional norms, the formation of a correct concept of employment, to develop good professional ethics; to master the basic employment and entrepreneurial ways and means to improve the employability and competitiveness.

18.数据库原理

本课程属于专业基础课，主要讲授数据库系统的原理，并兼顾数据库系统设计方法。通过本课程的学习，使学生了解数据库的基本概念、基本原理、基本方法和应用技术，掌握关系数据库设计理论和 SQL 语言的使用，为今后进一步学习和开发有关数据库应用系统打下基础。

本课程介绍数据库系统的基本概念、原理,重点介绍当前流行的关系数据库系统原理和设计、数据库结构化查询语言 SQL.

Database application

This course belongs to professional basic courses, the main teaching principles of database systems, and taking into account database system design method. Through this course of study, students understand the basic concepts of database, basic principles, the basic method and application of technology, master relational database design theory and the use of SQL language, for the further study and development of

19.货币银行学

旨在促进金融体系的升值和金融决策,作为个人的经济财富,商业企业决定的过程,和国家。该方案既强调了金融经济学领域(研究在金融市场交易行为和价格形成的决定因素)和财务管理(研究制订战略,以实现财务目标的商业惯例有用)。在一个高资本流动和金融市场一体化,国际视野的环境是至关重要的机会和在全球舞台上的风险的认识。在整个计划特别重视对银行服务和金融市场的全球化进程,下列世界的制订和修订。

Accounting and Banking

This lesson is designed to promote an appreciation of the financial system and the financial decision-making process as determinants of the economic wealth of individuals, business enterprises, and nations. The Program stresses both the area of financial economics (studying the behavior of traders in financial markets and the determinants of price formation) and of financial management (studying business practices useful in devising strategies to attain financial goals). In an environment of high capital mobility and integrated financial markets, an international perspective is essential to the understanding of the opportunities and risks in the global arena. Throughout the Program special attention is given to the process of globalization of banking services and financial markets, and to the changes following the introduction of the world.

20.信息系统安全

本课程是信息专业的一门专业核心课程。涉及信息系统及其与安问题相关的多学科领域的基础知识的技术方法。主要内容包括信息安全机制,信息安全服务和信息安全管理在开放互连运行环境下如何构成信息系统安全体系的基本原理,方法和策略。通过学习学生对信息安全体系结构有一个全面的了解并掌握相关技术和管理方法。

Information System Safety

This course is the professional core subject for the major of information.It mainly deals with multi-disciplinary basic knowledge and technique related with information system and safety Mechanism, Information Safety Service and the basic theory and method and strategies about how to construct Information Safety System under the condition of open interconnection. Through this course, the students can have a comprehensive understanding of the Information Safety System and master the relative technology and management metheds。

税法

税法课程是高等院校经济类专业的一门专业基础课。其主要目的是培养学生对我国现行的税收法律制度与其在调控经济的作用及在实际税收工作中的应用的了解;指导学生学会利用税

收法律知识正确处理税收征缴问题。课程的主要内容包括税法概论、流转税类的增值税法和消费税法及营业税法、所得税类的企业所得税法与外商投资企业和外国企业所得税法及个人所得税法、资源税类及财产行为税类的具体税种，并根据理论知识选择相关税收实际工作的案例，讲解其具体应用。

Taxation

Taxation is a basic specialized curriculum of economic major in higher institutions. Its main purpose is to cultivate students' comprehension on our country's policies of taxation and law, their functions on adjusting and controlling economy and applications in actual tax work. It can instruct students to how to utilize knowledge of taxation and law to deal with problems of taxation collection. The chief content of this course includes taxation outline, circulate appreciation taxation, consumption taxation, business taxation and tariff, enterprises' income taxation, foreign-invested and foreign companies' income taxation and personal income taxation, then explaining its concrete application by choosing relevant real taxation precedents.

(六) 吉林大学课程描述

Description of Courses (Year2007-2008)

学号: 21070729	姓名: 步冠男	学院: 经济学院
Student No.21070729	Name: Bu Guannan	Department: Economic
年级: 二年级	专业: 金融	学制: 四年
Grade: sophomore	Major: Finance	Length of schooling: 4 Years

1.军事理论

学分: 1

该课程主要包括对有关军队和战争的该概念, 范畴, 原理, 原则等的体系的学习和研究。使学生明白科学的军事理论是军事活动的本质及客观规律的正确反映。

Title: Military Theory

credits: 2

This subject mainly includes the definition, category and principle of army and war, to make students aware that the scientific military theory is the essential of military activities and the correct reaction of object principle.

2.军事训练

学分: 3

该课程主要包括军事方面的基本日常训练, 主要内容包括: 队列训练、军事体育、战术基础、防护训练、野营拉练等。

Title: Military Training

credits: 3

The course includes the daily training of military affairs, such as queue, military sports, and the basic of tactics, defense, and camping.

3. 政治经济学 I&II

学分: 6

它主要讲述了马克思主义政治经济学的基本原理, 包括资本主义部分和社会主义部分。该课

程具有很强的理论性和逻辑性，其目的在于培养学生运用科学的抽象方法分析和研究问题，依靠抽象思维能力，透过现象去认识经济事物发展的规律性。政治经济学是经济学科中最古老的一门基础学科，是其他各个经济学分类学科以至于整个经济学学科体系的理论基础，它科学地说明了当今世界两种社会经济制度的经济运动规律，并为其他学科提供方法论指导。通过本课程的学习，培养学生用马克思主义观点、方法认识经济制度、经济运行机制的演变规律的能力，提高学生对现实世界的认识能力和水平，为其它经济理论课的学习打下良好的理论基础。

4. 西方经济学原理 I(微观经济学原理)

学分：3

该课程讲述了微观经济学的基本原理和关注的话题。我们讨论微观经济学中重要的问题，例如：（1）为什么人们会从交易中受益？（2）企业怎么形成利润最大化？（3）在一个给定的市场，交易的结果是好还是坏？（4）如果交易的结果是坏的，怎么做可以使它变好？通过该课程的学习，我们将涵盖的主题如下的方面如机会成本，效用最大化，需求，利润最大化，供给，均衡，效率，税收/补贴金，完全竞争，垄断，寡头垄断，公共物品，外部性，收入分配等等。

Title: Principles of Economics II (Microeconomics) credits: 3

This course is an introduction to the basic structure and specific topic of microeconomics. We answer important question such as: (1) Why may people benefit for exchange? (2) How do firms maximize profit? (3) Given a market, is the result of exchange "good" or not? (4) If the result is not "good", what can be done to correct it? Along this course, we will cover topics including opportunity cost, utility maximization, demand, profit maximization, supply, equilibrium, efficiency, tax/subsidy, perfect competition, monopoly, oligopoly, public goods, externality, income distribution, etc.

5. 西方经济学原理 II(宏观经济学原理)

学分：3

本课程主要讲述了宏观经济学的有关原理。并介绍了分析各种宏观经济现象所需要的基本工具，包括通货膨胀，国内生产总值，以及失业问题。此外，这些工具还用来分析政府对于整体经济的行为与决策。最后，这门课程教会我们分析各种不同的金融机构在经济中的作用，如银行、股票和债券市场等。课程目标是：（1）向学生介绍基本经济指标，如国内生产总值，个人收入，失业和居民消费价格指数；和（2）学习目前主要的宏观经济学理论，如国家收入和就业，通货膨胀，汇率和贸易平衡，以及各种政策等，并学会分析实际问题。

Title: Principles of Economics II (Macroeconomics) credits: 3

It is an introductory course which develops the basic tools needed to analyze the behavior of various macroeconomic phenomena including inflation, gross domestic product, and unemployment. In addition, these tools are used to study how and whether the government can impact the behavior of the overall economy. Finally, the course looks at the role various institutions such as banks and the stock and bond markets play in affecting the economic environment. Course objectives are: (1) to introduce students to basic measures of aggregate-level economic performance such as gross domestic product, personal income, unemployment, and the consumer price index; and (2) to present the major (competing) theories of national income and employment, inflation, exchange rates and the balance of trade, as well as the policy.

6.思想道德修养与法律基础

学分：3

本课程是教育部规定的思想品德教育课，是大学本、专科的公共必修课。主要内容：绪论、大学是人生历程的新阶段、审势度势——认清时代责、刻苦读书、立志成才、保持健康的心理状态、树立远大理想、追求崇高的人生价值、正确处理交往、友谊和爱情的关系、培养崇高的道德情操。中国特色社会主义法的基本理论（法的本质历史发展和作用，我国社会主义法的本质特征作用，制定与实施）邓小平明珠法制理论三个代表重要思想与我国民主法制建设。宪法，行政法，民法，经济法，刑法，诉讼法，国际法。

Title: Moral Education & Fundamentals of Law **credits: 3**

This is a public required course that contains moral principles, self-disciplines, merits origination. Students are encouraged to work hard and keep healthy and active aspiration toward future. Students are aware of the current social and economic situation by adapting individuals to the society. It also introduces the basic regulations related with legal issues that cover constitutional law, civil law, economic law, penalty law and international law.

7.高等数学 I & II

学分：9.5

该课程主要包括函数、极限、连续、导数、微分、中值定理、导数的应用、微分学在经济学中的应用、不定积分、定积分及在经济学中的应用、无穷级数、多元函数微积分（偏导、全微分、复合函数与隐函数的微分法、极值应用、二重积分、多元函数极值）、微分方程（一、二阶微分方程及高阶线性微积分方程等），差分方程简介，及在几何、经济等方面的应用。通过本课程的学习，使学生获得必要的微积分知识，学习从数量的角度观察问题，分析问题，培养抽象思维和逻辑推理能力。

Title: Advanced Mathematics **credits: 9.5**

This subject introduces mainly function, limit, sequence, derivative, differential, theorem of mean, application of derivative, application of differential in the economics, indefinite integration, definite integration and its application in Economics, infinite series, multi-variables function calculus (partial derivative, total differential, composite function and differential method of implicit function, application of extreme, double integral, extreme value of multi-variable function), differential equation (first and second order differential equation and higher order linear equation), brief introduction to difference equation and its application in geometry and economy. By learning this subject, students could understand essential knowledge of Calculus, observe and analyze questions from quantity.

8. 线性代数

学分：3

本课程主要内容有：行列式；矩阵；向量与向量空间；线性方程组；特征值和特征向量以及矩阵的相似对角化；二次型；线性空间和线性变换等基本理论和方法。通过本课程的教学，重点培养学生熟练的矩阵运算能力以及运用矩阵方法解决线性问题的能力。为进一步学习后续课程打下基础。

9. 管理学

学分：2

该课程系统地讲述了管理学的基本理论、管理思想的演变和全球的管理实践活动。它引导学

员对与管理相关的文化、社会责任、道德以及全球化等问题进行探讨，使学员了解管理学的历史和发展，对计划、组织、领导和控制等管理职能有一个清晰的认识，从而真正领悟管理的真谛。通过本课程的教学，学员应具备一个现代管理者应有的理论素质，并为工商管理专业其它相关课程的学习和将来的实践活动打下坚实的基础。教学的基本要求为：掌握管理基本概念和特点；了解管理学基本内容；掌握管理思想发展的主要过程、理论和代表人物；理解企业伦理和企业文化在现代管理的地位和作用；掌握决策的基本过程，了解决策方法；掌握组织设计基本概念和原则，理解各种组织结构的特点、适应范围；掌握领导影响力的概念，理解领导理论对管理的启发意义；理解各种激励理论在管理中的应用；理解控制的基本概念；掌握控制的基本过程。

10. 会计学

学分：3

通过本门课的学习，使学生能系统地掌握会计学的基本理论和会计核算的基本方法，了解企业会计核算的具体内容和方法，并能较为熟练地运用借贷记账法对企业的会计核算对象进行确认、计量与报告。教学基本要求为：1、掌握财务会计学的基本理论和体系，对会计学的理论体系有全面认识。2、全面了解财务会计学的内容体系和会计核算的全过程及其相互关系。3、全面了解企业会计核算的内容和程序。4、熟练掌握借贷记账法，并能运用借贷记账法对企业的经济活动进行账务处理。5、注重理论和实践的结合以及实际动手能力的培养和提高，做到学以致用。

Title: Financial Accounting

credits: 3

Helps students become informed users of firms' external financial reports. The basic structure and contents of such reports and the process by which they are prepared will be studied. Discussion topics will include what items are included in the reports, how such items are measured, and how various economic events affect them. An understanding of what can be inferred from the reports about past performance, present position, and future prospects of the firm will be developed.

11. 大学英语 I

学分：4

本课程是学生学习专业知识的基本课程。它主要通过讲解英语的基本语法与用法，训练学生的初级英语听、说、读、写、译的综合运用能力。本课程的目的旨在初步训练学生的英语阅读能力与基本的听、说、读、写、译能力，为培养学生具有较强的阅读能力和一定的听、说、读、译能力奠定最初的语音、语法、语感的坚实基础。课程任务精读为只要详解内容，通过对基础语法的介绍、联系，辅以初级英语听、说训练，来帮助学生打好英语学习的基础。

Title: College English I

credits: 4

It is a basic course to teach students the professional knowledge. By explaining the English grammar and usage of English, it trains student's ability in listening, speaking, composing and translating of elementary English. The purpose of this subject is to nurture students' ability in listening, speaking, reading, writing and translating, laying a solid foundation in pronounce, grammar and speech feeling for their higher abilities. Taking intensive reading as the main content, introducing basic grammar, practicing students' listening and speaking, this subject lays a foundation for future English studies.

12. 大学英语 II

学分：4

本课程是一门训练学生综合英语技能尤其是阅读理解、语法修辞与写作能力的课程。该课程通过阅读和分析内容广泛的材料，扩大学生的知识面，培养学生对名篇的分析和欣赏能力、逻辑思维能力和独立思考的能力。巩固和提高学生英语语言技能。讲授内容：教材教学及教材规定的各项训练；运用课堂小组讨论等多种形式，实现读中有说；结合各类英语语言运用能力测试，进行各类英语运用能力的专项训练。

Title: Comprehensive English II **credits: 4**

This is a subject to train students' comprehensive ability, especially reading, grammar and writing. Through reading and analyzing various materials, students could widen their knowledge, and cultivate their appreciation in famous works, logic thought and independent thinking, to solidify and enhance students' English techniques. Content: teaching and practicing, group discussing professionally practicing various abilities in English.

13. 马克思主义基本原理 **学分: 3**

本课程是一门经济学理论课，他的研究对象是“资本主义生产方式下的生产关系交换关系”。着重介绍可马克思的《资本论》的主要内容与理论体系，并在此基础上分析了垄断资本主义的发展现状。他的设置为提高高大学子的经济学素质和学习其他经济学课程奠定了坚实的基础，同时，也为高大学生今后从事社会实践活动提供了理论上的指导。

Title: The Principles of Marxist Philosophy **credits: 3**

This is a theoretic subject in economics. Its researching object is producing and exchanging relation under the capitalism producing model, focusing on introducing main content and theory system of Marx's Capitalism, and on the basis of this, analyzing situation of monopoly capitalism. This course lays a solid foundation for student to enhance their qualities in economics and learn other courses in economy. Meantime, it provides theory instruction for student to do social work.

14. 国际商务英语 **学分: 2**

这个课程的目的是侧重于英语在国际业务有关的情况下，帮助学生通过剑桥商务英语的考试，这是一个国际商务英语考试，提供了一个语言学习者资格谁使用，或将需要使用，英文为他们的国际商务领域。主要强调的是发展语言技能的工作：阅读，写作，听力和口语。

Title: International Business English **credits: 2**

This course is designed to focus on English in the international business-related situations, helping the students to pass the Exam of Cambridge Business English Certificate (BEC), which is an international business English examination that offers a language qualification for learners who use, or will need to use, English for their work in the international business field. The major emphasis is on the development of language skills for work: reading, writing, listening and speaking.

15. 大学生计算机基础 **学分:4**

Title: The basic of computer **credit: 4**

This course is a broad introduction to the use of computers as tools for creativity, communications

and organizing information. It's a systematic study of the concepts abstract data types, stacks, queues, lists, trees, searching, sorting and recursion. Additional subjects covered are hashing, priority queues, search trees. Problem trees, text searches, sets, simple syntax analysis, and algorithm analysis.

16.环境学概论

学分： 2

Title: Introduction to Environment

credits:2

This course features an introduction to environmental sciences and management of the environment. Topics include: Historical perspectives on current conditions; how values influence problem definition; the use of natural/social sciences in integrated problem solving; public/private factors; and ethical professionalism within integrated environmental teams.

This course examines the processes that influence the formation, circulation and modification of water at or near Earth's surface. The course begins with a detailed analysis of the physical aspects of the hydrologic cycle and the chemical and physical nature of water. Students will investigate the sensitivity and vulnerability of these systems to change, emphasizing the effects of agricultural, industrial, and other land-use practices on the compositions and use of water resources. The role of politics and ethics in developing environmental policy will also be considered.

17.广告创意与欣赏

学分： 2

本课程是让学生通过欣赏和分析优秀著名的广告作品去学习广告创作的有关知识,提高欣赏和分析能力。让大家对广告进行初步了解。

Title: Advertisement Creative & Appreciate

credits: 2

This course enables students to learn the relevant knowledge about advertisement by appreciate and analyze the best-known ads. Teaching students how to create and enjoy the ads. In addition, help them improve their appreciation and analysis level.

18.大学生就业指导

学分： 1

该课程讲述了当前的就业形势和未来趋势,让大学生学会如何选择就业方向。给学生提供就业指导。

Title: The Guide of Employment

credits: 1

This course describes the current employment situation and the future trend. Let students know how to choose their employment direction in the future.

(七) 密苏里大学化学工程专业课程描述

- **Introduction to Chemical Engineering**
 - CH_ENG 1000 | 2 Credit Hours
 - Orientation course for freshmen-level students. Introduction to careers and opportunities in chemical engineering, basic engineering principles, simple calculations. Prerequisites: Mathematics [MATH] 1500, Chemistry [CHEM] 1320, or concurrently.
- **Introduction to Chemical Engineering - Honors**
 - CH_ENG 1000H | 2 Credit Hours
 - Orientation course for freshmen-level students. Introduction to careers and opportunities in chemical engineering, basic engineering principles, simple calculations. Prerequisites: Mathematics [MATH] 1500, Chemistry [CHEM] 1320, or concurrently. Honors eligibility required.
- **Advanced Experimental Course**
 - CH_ENG 2001 | 1 - 9 Credit Hours
 - Content and number of credit hours to be listed in Schedule of Courses. Prerequisite: sophomore standing.
- **Mass and Energy Balance**
 - CH_ENG 2225 | 3 Credit Hours
 - Industrial stoichiometry, material and energy balances, thermophysics, thermochemistry; related topics. Prerequisites: Physics [PHYSCS] 2750 , Chemistry [CHEM] 2100, or concurrently.
- **Engineering Process Computations and Laboratory**
 - CH_ENG 2226 | 3 Credit Hours
 - Engineering applications of ordinary and partial differential equations, spreadsheets, Matlab, discipline-specific software (Aspen), process simulation, data collection, data regression, and modeling of multiple experimental systems. Pre or Co - requisite: Mathematics [MATH] 1700.
- **Principles of Chemical Engineering I**
 - CH_ENG 3234 | 3 Credit Hours
 - Fluid flow, heat transfer. Prerequisites: grade of C or better in Chemical Engineering [CH_ENG] 2225.
- **Principles of Chemical Engineering II**
 - CH_ENG 3235 | 3 Credit Hours
 - Mass transfer. Prerequisite: Chemical Engineering [CH_ENG] 3234.
- **Chemical Process Measurements**
 - CH_ENG 3242 | 3 Credit Hours
 - Laboratory study of physical and chemical measurements and some chemical engineering unit operations essential to chemical process industries. Prerequisites:

junior standing, CH ENG 3234.

- **Chemical Engineering Laboratory I**
 - CH_ENG 3243 | 3 Credit Hours
 - Laboratory study of some principal unit operations of chemical engineering. Prerequisite or Co-Requisite: Chemical Engineering [CH_ENG] 2226 and 3235.
- **Chemical Engineering Thermodynamics I**
 - CH_ENG 3261 | 3 Credit Hours
 - Study of thermodynamics, with particular reference to chemical engineering applications. Prerequisites: grade of C or better in Chemical Engineering [CH_ENG] 2225.
- **Chemical Engineering Thermodynamics II**
 - CH_ENG 3262 | 3 Credit Hours
 - Prerequisite: Chemical Engineering [CH_ENG] 3261.
- **Topics in Chemical Engineering**
 - CH_ENG 4001 | 3 Credit Hours
 - Current and new technical developments in chemical engineering. Prerequisite: instructor's consent.
- **Problems in Chemical Engineering**
 - CH_ENG 4085 | 2 - 4 Credit Hours
 - Directed study of chemical engineering problems. Prerequisite: instructor's consent.
- **Hazardous Waste Management**
 - CH_ENG 4220 | 3 Credit Hours
 - (same as Civil Engineering 4220). Engineering principles involved in handling, collection transportation, processing and disposal of hazardous waste minimization, legislation on hazardous wastes and groundwater contamination. Prerequisite: junior standing.
- **Design of Experiments and Statistical Quality Control for Process Engineers**
 - CH_ENG 4270 | 3 Credit Hours
 - (same as Biological Engineering [BIOL_EN] 4270). A practical statistical tool box for experimenters: process means, effects of variables, factorial experiments, and statistical quality control. Prerequisite: experience with Excel or instructor's consent.
- **Advanced Engineering Math**
 - CH_ENG 4306 | 3 Credit Hours
 - (same as Nuclear Engineering [NU_ENG] 4306). Applies ordinary and partial differential equations to engineering problems; Fourier's series; determinants and matrices; Laplace transforms; analog computer techniques. Prerequisite: Mathematics [MATH] 4100.
- **Chemodynamics**
 - CH_ENG 4311 | 3 Credit Hours
 - Environmental movement of chemicals in air, water, and soil; designed to introduce students to the basic principles and techniques useful for the prediction of the movement and fate chemicals in ecosystems. Prerequisites: Chemical

Engineering [CH_ENG] 3234 or instructor's consent.

- **Air Pollution Control**
 - CH_ENG 4312 | 3 Credit Hours
 - Modeling of urban air pollution and control techniques. Topics treated are plume dispersion theories, photochemistry, methods of monitoring, methods of industrial abatement and legal aspects. Prerequisites: Chemical Engineering [CH_ENG] 3234 or instructor's consent.
- **Biochemical Engineering Operation**
 - CH_ENG 4314 | 3 Credit Hours
 - (same as Biological Engineering [BIOL_EN] 4314). Transport processes in bioreactors, agitation and aeration, scale-up, sterilization, liquid-solid separation, cell distegration, and other units operations related to product recovery. Prerequisite: instructor's consent.
- **Introduction to Bioprocess Engineering**
 - CH_ENG 4315 | 3 Credit Hours
 - (same as Biological Engineering [BIOL EN] 4315). This general introduction to bioprocess engineering covers the fundamentals of microbiology and biochemistry in the context of a biomass refinery. Analyses proceed through the use of mass balances, energy balances, and empirical or theoretical models. Prerequisites: Biological Engineering [BIOL EN] 2180 (for Biological Engineering students) or Chemical Engineering [CH ENG] 2225 (for Chemical Engineering students) or instructor's consent.
- **Biomass Refinery Operations**
 - CH_ENG 4316 | 3 Credit Hours
 - (same as Biological Engineering [BIOL_EN] 4316). Design and operation of processes for conversion and/or fractionation of biomass and associated upstream and downstream unit operations. Emphasis on separations and product recovery. Prerequisite: Biological Engineering [BIOL EN] 2180 or Chemical Engineering [CH ENG] 2225 (for Chemical Engineering students) or instructor's consent.
- **Chemical Processing in Semiconductor Device**
 - CH_ENG 4317 | 3 Credit Hours
 - This course covers the current plasma processing methods used to produce semiconductor devices with emphasis on memory devices. The physics and chemistry of how plasmas are formed, sustained and interact with the semiconductor wafers being processed. Plasma chemistry and the chemical reactions used in plasma etching are discussed. MATH 4100/7100.
- **Energy Technology and Sustainability**
 - CH_ENG 4318 | 3 Credit Hours
 - An introductory course on energy technology, resources, practices, and common calculations used for energy analysis. Prerequisite: at least one engineering thermodynamics course or a Physical Chemistry course or instructor's consent. May be repeated for credit.
- **Introduction to Polymer Materials**
 - CH_ENG 4319 | 3 Credit Hours

- An introduction to the structure and properties of polymers. Solution properties, molecular weight determination and rheological behavior are studied. Manufacturing and processing techniques are considered. Prerequisites: Chemical Engineering [CH_ENG] 3262 and Chemistry [CHEM] 2110.
- **Introduction to Ceramics**
 - CH_ENG 4321 | 3 Credit Hours
 - Introductory course in ceramics materials, crystal structure, processes and properties. The course content and level of presentation would allow an entry level engineering to be conversant with the terminology and concepts of ceramic science and engineering. Prerequisite: Chemistry and Physics.
- **Transport Phenomena**
 - CH_ENG 4335 | 3 Credit Hours
 - Integrated study of momentum, heat and mass transport. Prerequisites: CH ENG 3235, and MATH 4100/7100.
- **Special Reading in Chemical Engineering**
 - CH_ENG 4345 | 2 - 5 Credit Hours
 - Individually supervised special reading leading to an engineering report. Prerequisite: senior standing.
- **Chemical Reaction Engineering and Technology**
 - CH_ENG 4363 | 3 Credit Hours
 - Reactor design and optimization; rate equations; thermal effects in reactor. Prerequisites: Chemical Engineering [CH_ENG] 2226, 3262, or instructor's consent.
- **Process Control Methods and Laboratory**
 - CH_ENG 4370 | 3 Credit Hours
 - Stat-space modeling, simulation, and experimental validation; stability analysis; feedback design and experimental studies; methods for disturbance rejection. Prerequisites: Chemical Engineering [CH ENG] 2226.
- **Chemical Engineering Design I**
 - CH_ENG 4385 | 3 Credit Hours
 - The course presents optimum design methods, cost estimation, material selection and other relevant areas for the design of chemical plants. In addition, chemical safety and risk assessment will be covered. Prerequisite: Chemical Engineering [CH_ENG] 2226, 3235, 3262, Physics [PHYSCS] 2760, Chemistry [CHEM] 2110.
- **Electrochemical Reaction Engineering Science**
 - CH_ENG 4464 | 3 Credit Hours
 - Phenomenological behavior of electrochemical processes (battery emphasis). Theoretical interpretations of diffusion and reaction processes including system modeling. Prerequisite: A course in thermodynamics or physical chemistry; Chemical Engineering [CH ENG] 3261 or Mechanical and Aerospace Engineering [MAE] 2300 or Chemistry [CHEM] 3310 or instructor's consent. Graded on A/F basis only.
- **Process Synthesis and Design**

- CH_ENG 4980 | 3 Credit Hours
- Continuation of Chemical Engineering [CH_ENG] 4385: application of chemical analysis and modeling to a capstone design project. Prerequisite: Chemical Engineering [CH_ENG] 4385.
- **Undergraduate Research in Chemical Engineering**
 - CH_ENG 4990 | 2 - 4 Credit Hours
 - Directed study of chemical engineering problems. Prerequisite: instructor's consent.
- **Undergraduate Research in Chemical Engineering - Honors**
 - CH_ENG 4995 | 3 - 6 Credit Hours
 - Individual research for a senior thesis; research is supervised by the chemical engineering faculty. The thesis is to be defended before the departmental Honors committee. Prerequisite: senior standing.

(八) 上海大学哲学专业课程内容简介

体育（一~六）（6 学分）

课程编号：00853001~00853006

任课教师：平杰、顾红、丛群、柏慧敏，贺晓明，周珏，周兰萍等

课程内容

基础体育课：大学体育目的、任务、体育与健康、体育保健常识、田径、球类、体操等相关项目的基础理论和技能。

选项体育课：根据学生爱好和特长，按篮球、排球、足球、乒乓球、羽毛球、网球、武术、健美、艺术体操、健美操、游泳等分别设项，学习专项的基础理论和技能。

保健体育课：体育保健知识和康复方法与实践。体育选修课：运动项目同选项体育课，理论部分有体育养生学。

Physical Education (1-6) (6 Credits)

Code: 00853001-00853006

Instructor(s): Ping Jie, GU Hong, Cong Qun, Bai Huiming, He Xiaoming, Zhou Jue, and Zhou Lanping etc.

Content

Basic Physical Education: the aim and task of university physical education, sports and health,

general knowledge of sports and health care, track and field, ball games, gymnastics and other relevant fundamental theory and skills.

Option Physical Education: Based on their own interests and special accomplishments, students are divided into option groups of basketball, volleyball, football, table tennis, badminton, tennis, martial art, health building, calisthenics and swimming to study fundamental theory and skills.

Health Care in Physical Education: knowledge of health care and method and practice of health recovery. **Elective Courses of Physical Education:** sports games are the same as the option groups in Option Physical Education courses while sports theory is Chinese regimen of physical education

军事技能（2 学分）

课程内容

本课程包括军事训练，军事高技术和步枪射击训练等。每天学生都会进行军事化的训练，强身健体。

Military Technology & Ability（2 credits）

Content

This course adheres to military training, military high technology and rifle shooting training etc. Every day the students should be training in a military-style, which can build a strong body.

生态学（3 学分）

课程编号：11445009

任课教师：梁霞,赵军,何池全

课程内容：

本课程的内容包括：1 环境问题及环境因子的生态作用；2 种群生态学，群落生态学，生态系统生态学及生物圈中的主要生态系统；3 环境污染防治的生态对策；4 生态监测及生态环境质量评价；5 生态工程及最新研究进展。

Ecology（3Credits）

Code: 11445009

Instructor(s):Liang Xia, Zhao Jun, He Chiquan

Objectives

Undergraduate student of environmental engineering specialty

Content

This course includes: the environment problem and the ecological function of the environment factor; the population ecology、the community ecology、the ecosystem ecology and the major ecosystem in biosphere; the ecological countermeasure of the environment pollution prevention; the ecological inspection and ecological environment quality assessment ; the ecological engineering and the latest progress.

形势与政策（1 学分）

课程编号：16583109

任课教师：吉征艺、夏耕、杨一之、顾晓英、宋津明、黄桂珍、翁志勇、奚建群、栾科军、潘哲初、张丹华等

课程目的：

旨在宣传中国共产党的基本路线方针政策，指导大学生正确认识国情民情，了解国家的发展方向，树立建设社会主义的信心。

课程内容：

本课程无固定教材，介绍学生感兴趣的热点问题、国内外重大的事件，内容涉及政治、经济、军事、文化等。

Situation and Policy (1 Credits)

Code: 16583109

Instructor(s): Ji Zhengyi, Xia Geng, Yang Yizhi, Gu Xiaoying, Song Jinming, Huang Guizhen, Weng Zhiyong, Xi Jianqun, Luan Kejun, Pan Zhechu, Zhang Danhua

Objectives

Propagating Chinese Communist Party's basic course and policy, guiding undergraduates to understand the situation of China and the Chinese, comprehend the direction of country's development; build up their confidence to construct our country.

Content

Introducing home and abroad issues that students interest in, which includes politics, economics, military affairs and culture etc.

思想品德与法律基础（实践）（1 学分）

任课老师：陆耀峰

课程内容：

本课程是以马克思主义为基础的中国政治教育的重要课程之一。它着重于教育，人生观，价值观，道德价值观，法治理念相结合的相关学科知识。根据学生成长的规律，教导学生加强自身思想道德观念和法律意识。

Ideology and Morality & Introduction to Law(Practice) (1 credit)

Instructor(s): Lu Yaofeng

Content

This course is an important course in China's ideological and political education, which is based on the guidance of Marxism. It focuses on the education of outlook on life, values, moral values, the rule of law concepts and combines the knowledge of relevant disciplines. It educates students to strengthen their own ideological and moral concepts and the legal sense according to the basic rules of college students' growth.

马克思主义哲学（1~2）（8 学分）

课程编号：16615002-16615003

授课老师：彭立群

课程目的：

通过本课学习，让学生们领会马克思主义哲学原理是什么和清楚地了解学习目的。主要目的：
1、帮助学生们培养和树立科学的世界观 2、提高学生们的理论思维能力和帮助他们掌握科学的思维方法 3、提高学生的整体素质

课程内容：

马克思主义哲学原理的哲学观；马克思主义哲学原理的实践观；马克思主义哲学原理的物质观；马克思主义哲学原理的发展观；马克思主义哲学原理的本体论；马克思主义哲学原理的社会本质论；马克思主义哲学原理的社会结构论；马克思主义哲学原理的社会发展论；马克思主义哲学原理的社会动力论；马克思主义哲学原理的社会主体观。

Principles of Marxist Philosophy (1~2) (8 Credits)

Code: 16615002-16615003

Instructor(s): Peng Liquan

Objectives

Through the study of this course, students are supposed to grasp what Marxist philosophy is and to have a clear understanding of the purpose of studying Marxism. The main purpose of the study of Marxist philosophy is: 1. to help students foster and set up a scientific world outlook. 2. To enhance students' level of theoretical thinking and help them to grasp the scientific methods of thinking. 3. To improve the general quality of the students.

Content

The Marxist view of philosophy; The Marxist view of practice; The Marxist view of matter; The Marxist view of development; The Marxist view of epistemology; The Marxist view of the essence of society; The Marxist view of the structure of society; The Marxist view of the development of society; The Marxist view of the dynamics of society; The Marxist view of the subject of society.

高等数学 C(一、二) (6 学分)

课程编号：01013007~3008

任课教师：石忠锐、姜勤等

课程目标：

掌握微积分的基本思想与基本方法，培养文科学生的数学素养。

课程内容：

1. 函数；
2. 极限与连续；
3. 导数与微分；
4. 中值定理，导数的应用；
5. 不定积分；
6. 定积分。

先修课程：初等数学

Calculus C (1, 2) (6 Credits)

Code: 01013007-3008

Instructor(s): Shi Zhongrui, Jiang Qin et al

Objectives

Master the fundamental idea and basic methods of calculus; cultivate art majors, to possess mathematics accomplishment.

Content

1. Functions;
2. Limits and continuity;
3. Derivatives and differentials;
4. Mean value theorem, and applications of derivatives;
5. Indefinite integration;
6. Definite integration.

Prerequisite: Elementary Mathematics

中国近现代史纲要 A（4 学分）

课程编号：16584135

任课教师：丰箫

课程目的：

系统了解近代以来中国人民为实现中华民族的伟大复兴所进行的艰难曲折的奋斗历程

课程内容：

从鸦片战争到五四运动前中国历史风云变换的八十年，五四运动到新中国成立前中国历史翻天覆地的三十年，中华民族为争取民族独立和人民解放前赴后继斗争的基本历程及其重大事件；从新中国成立到社会主义现代化建设新时期，中华民族为实现国家繁荣富强和人民共同富裕不写烦恼都的辉煌的历史征程。

The Outline of Modern Chinese History A (4 credits)

Code: 16584135

Instructor(s): Feng Xiao

Objectives

Get into know the tortuous struggling course of Modern Chinese people to realize the great rejuvenation of the Chinese Nation.

Content

The Historical Transformation of the Chinese Eighty Years from the Opium War to the May 4th Movement, the great changes of the thirty years from the May 4th Movement to the founding of New China, The basic process and major events of Chinese Nation to strive for national

independence and liberation, the brilliant historical course of Chinese Nation for realizing a rich, strong and prosperous country and people's prosperity from the founding of New China to the new period of Socialist modernization construction

大学英语 B 级(1) (4.5 学分)

课程编号: 03004333

任课教师: 蔡俏兰

课程目的: 本课程旨在进行与语言素质教育, 通过计算机网络教材, 培养学生自主学习的能力, 并通过网上答疑和多媒体面授课堂, 帮助学生解决课文难点和消化教学重点, 形成独立获取知识的能力和自学习惯, 培养学生实际应用语言的能力和逻辑思维的能力, 使大学阶段英语教学最终达到或基本达到教育部《大学英语课程教学要求》中的“较高要求”。

课程内容:

本课程主要通过学习《新视野大学英语是听说教程(第一册)》,《新视野大学英语读写教程(第一册)》,《新视野大学英语泛读教程(第一册)》和《新视野大学英语综合训练(第一册)》等来培养学生的英语听, 说, 读, 写, 译的实际应用能力。

College English B(1) (4.5 credits)

Code: 03004333

Instructor(s): Cai Qiaolan

Objectives

The course aims to cultivate the students' autonomous learning ability through the Language Quality Education and computer network teaching model, develop the students' independent knowledge acquisition ability and habit through online FAQs and multimedia teaching model and also cultivate the students' practical language application ability and logical thinking ability. The course requires the college English finally or basically to meet the higher requirements of The Ministry of Education's "University English Teaching Requirements"

Content

The course mainly develop the students' practical application ability of listening, speaking, reading and writing application ability by learning "New Horizon College English Viewing .Listening &Speaking (one)", "New Horizon College English Reading &Writing (one)", "New Horizon College English Extensive Reading (one)", "New Horizon College English Comprehensive Exercises (one)"

计算机文化与应用技术 C(1) (3 学分)

课程编号: 00864057

任课教师: 计算中心, 各院系

课程目的:

了解与计算机及网络相关的软硬件基本知识, 熟练地掌握 Windows 和浏览器的应用并具有

系统维护的初步能力。

课程内容：

二进制及编码，计算机软硬件组成，Windows 应用，系统和数据维护，Windows 和局域网，互联网的基本知识和常用协议，浏览器及电子邮件的应用和多媒体基本知识。

Computer Culture and Applications C (1) (3 credits)

Code: 00864057

Instructors: Teachers from Computer Centers, different colleges

Objectives

Get into know the related software and hardware knowledge about computers and internet, master the application of Windows and browsers and get the preliminary ability of system maintenance.

Content

The course includes Binary, Code, components of hardware and software, Windows' application, System and data maintenance, Windows and Local area network, the internet basic knowledge and commonly used protocol, Browser and e-mail application and basic multimedia knowledge.

哲学概论（1-2）（6 学分）

课程编号：16615059

任课教师：陈新汉

课程目的：通过对哲学概论基本了解，为哲学专业的学生进一步系统的学习打下理论基础。

课程内容：

本课程主要解决如些问题：1.形而上学；2.事实与价值；3.人与人学新论域；4.科技生产力与知识社会的发展；5.传媒世界与文化行为；6.公民社会与公共领域；7.意识形态及其三重诠释模式；8.现代性与后现代性；9.方法与创新等。

An Introduction to Modern Philosophy (1-2) (6 credits)

Code: 16615059

Instructor(s): Chen Xinhan

Objectives

The course helps the students lay a theoretical foundation for further philosophy study through the basic philosophy knowledge learning.

Content

The course mainly solves the following problems: 1. Metaphysics 2. Fact and Value
3. Human and human New Area 4. The productivity of science and technology and the development of knowledge society 5.The media word and Cultural behavior
6. Civil society and the public sphere 7. Ideology and Three interpretation mode

8. Modernity and Post Modernity 9. Method and innovation

音乐鉴赏（2 学分）

课程编号：0093X114

任课教师：陶维加，刘朝，卿扬，常沁怡，初海倫，章民，纪晔晔，王石磊，袁勤，盛聪，任华清，胡思思，高霞，阳军，高一鸣，胡君

课程目的：

通过欣赏中外名曲和名剧，感受理解不同时期中外音乐作品的音乐风格。了解中外音乐发展概况，了解音乐的形式，体裁，结构，学习音乐鉴赏的方法和途径，学习作曲家的个人风格和代表性作品。从艺术什么角度进行崇高的情感教育，达到“怡情，启智，育德”的目的，净化心灵，提升审美情趣，丰富想象，激发热情，开拓智慧。

课程内容：

艺术与音乐欣赏；中西方音乐发展概况；声乐器乐意识经典作品欣赏；综合音乐艺术经典作品鉴赏。

Music Identification and Appreciation (2 credits)

Code: 0093X114

Instructors: Tao Weijia; Liu Chao; Qing Yang; Chang Qinyi; Chu Hailun; Zhang Ming, Ji Yeye, Wang Shilei, Yuan Qin, Sheng Cong, Ren Huaqing, Hu Sisi, Gao Xia, Yang Jun, Gao Yiming , Hu Jun

Objectives

The course makes the students feel and understand the different music styles of Chinese and foreign music in different times through appreciating the famous Chinese and foreign music. It lets the students get into know the music development, the form of music, style, structure, learn the methods and ways of appreciating music, learn composer's personal style and representative works. The course develops the students' noble emotion education from the view of art in order to purify the mind, enhance aesthetic taste, enrich the imagination, stimulate the enthusiasm, and develop wisdom.

Content

Art and music appreciation; Western Music Development Overview; Classical Music Appreciation of Vocal Instrument; Classical Music Appreciation of Integrated Music

中国文化导论（3 学分）

课程编号：02085037

任课教师：罗珍

课程内容

本课程简要探析中国文化起源的机制、文化演变的契机，分析各个文化发展阶段的特征和文化内蕴，内容涉及文化的诸多方面。着重于智慧性启迪和文化性体悟，使学生对中国文化有概要的把握，提高建设无愧于时代的民族新文化的自觉性。

选课对象：中文、社会、广告等专业本科生

参考书目：

《中国文化概论》中山大学出版社

Introduction to Chinese Culture (3 Credits)

Code: 02085037

Instructor(s): Luo Zhen

Content

The course aims to inform students of Chinese culture and the characteristics of traditional Chinese culture, and how Chinese culture evolved. The geographical environment, economic foundation, social and political organization will be touched upon. Students taking this course will get to know the spirit and values of Chinese culture.

大学语文(3 学分)

课程编号：02073094

任课教师：李海霞

课程目的：

本课程让学生欣赏文学作品同时，了解中国文学发展的大概脉络。

课程内容

涉及内容广泛。从中国文学到外国文学；从古代文学到近代文学；从诗词散文到小说戏剧；收集了各个时代各种文体中的优秀作品。本课程内容编排看似包罗万象，实质上内中贯串一条清晰的文学史发展线索。在教师的指导下，学生们在欣赏各文学名篇的同时，也比较系统地了解了文学发展的大概脉络。

选课对象：

先修课程：

参考书：

College Chinese (3 Credits)

Code: 02073094

Instructor(s): Li Haixia

Objectives

This course lets the student enjoy literature works as well as understand the Chinese literature development grain.

Content

This course has a large range, from Chinese literature to foreign literature, from ancient literature to nowadays literature, from poetry and prose to story and opera, including the excellent works of every style in every age. It seems many things; in fact there is a very clear clue among the literature development. So the students can know the mainly skeleton of the literature development when they appreciate the works.

Prerequisite

Reference book

佛学概论（3 学分）

课程编号：1658X128

任课教师：沈海燕

课程目的：介绍佛教基础知识，包括佛教历史，经典，教义理论和哲学思想，使学生对作为中国三大宗教之一的佛教及其哲学有一个基本的了解。

课程内容：

佛教的历史，教理，思想，经典，制度，组织等。

Introduction on Buddhism (3 credits)

Code: 1658X128

Instructors: Shen Haiyan

Objectives

The course introduces the basic Buddhism knowledge including Buddhism history, classics, doctrine theory and Philosophy thought and let the students have a basic understanding of Buddhism and philosophy.

Content

Buddhism history, Catechism, Thought, classics, system, organization

大学英语 B 级(2)（4.5 学分）

课程编号：03004334

任课教师：蔡俏兰

课程目的：本课程旨在进行与语言素质教育，通过计算机网络教材，培养学生自主学习的能力，并通过网上答疑和多媒体面授课堂，帮助学生解决课文难点和消化教学重点，形成独立获取知识的能力和自学习惯，培养学生实际应用语言的能力和逻辑思维的能力，使大学阶段英语教学最终达到或基本达到教育部《大学英语课程教学要求》中的“较高要求”。

课程内容：

本课程主要通过学习《新视野大学英语是听说教程（第二册）》，《新视野大学英语读写教程（第二册）》，《新视野大学英语泛读教程（第二册）》和《新视野大学英语综合训练（第二册）》等来培养学生的英语听，说，读，写，译的实际应用能力。

College English B(2) (4.5 credits)

Code: 03004334

Instructor(s): Cai Qiaolan

Objectives

The course aims to cultivate the students' autonomous learning ability through the Language Quality Education and computer network teaching model, develop the students' independent knowledge acquisition ability and habit through online FAQs and multimedia teaching model and also cultivate the students' practical language application ability and logical thinking ability. The course requires the college English finally or basically to meet the higher requirements of The Ministry of Education's "University English teaching requirements"

Content

The course mainly develop the students' practical application ability of listening, speaking, reading and writing application ability by learning "New Horizon College English Viewing .Listening &Speaking (two)", "New Horizon College English Reading &Writing (two)", "New Horizon College English Extensive Reading (two)", "New Horizon College English Comprehensive Exercises (two)"

逻辑学（5 学分）

课程编号：16615013

任课教师：宁莉娜

课程目的：通过本课程的学习，使学生了解逻辑哲学的主要命题及逻辑和哲学的密切关系；了解现代哲学和逻辑在某方法上的相通性；通过反思逻辑学的某些预设，培养学生的怀疑精神。

课程内容：

本课程主要探讨的是有逻辑引发的哲学问题，这些问题包括：逻辑真理的性质，有关推理和蕴含的问题，有关可能世界的理论，逻辑与本体论的关系，有关悖论的讨论等。

Logic (5 credits)

Code: 16615013

Instructor(s): Ning Lina

Objectives

The course makes the students understand the intimate relationship among the main proposition of logic philosophy, logic and philosophy, get into know some methodological similarities between modern philosophy and logic, develop the students' skepticism spirit through the reflection of some default logic.

Content

The course mainly discusses the philosophy problems caused by logic, which includes the nature of logic truths, the reasoning and Implication problem, the possible world theory, the relationship between logic and Ontology, paradox discussion.

计算机文化与应用技术 C(2)（3 学分）

课程编号：00864058

任课教师：计算中心，各院系

课程目的：

全面掌握 Office 软件的使用，满足办公自动化的要求。

课程内容：

Microsoft Word, Microsoft Excel, Microsoft Power Point

Computer Culture and Applications C(2) (3 Credits)

Code: 00864058

Instructors: Computer Centers, Different colleges

Objectives

Fully master the application of office software and meet the requirements of office automation

Content

Microsoft Word, Microsoft Excel, Microsoft Power Point

文艺心理学（3 学分）

课程编号：02076189

任课教师：邓金明

课程内容及目的：

本课程以文化的心理活动为研究对象，通过对文化发展的历史、心理学的研究方法及社会个体与群体心理等内容讲述，使学生对文化心理学的理论有初步的认识。

Psychology of Literature and Art (3 Credits)

Code: 02076189

Instructor(s):Deng Jinming

Courses Description& Objectives

This course introduces students to the theories of culture psychology by studying the psychological activities in Culture. It analyzes the history of cultural development, the research methodology in psychology and the individual and group psychology.

美国史(3 学分)

课程编号：02086155

任课教师：张勇安

课程内容：

讲述美利坚民族的形成与成长，美国的发展历程，揭示这个国家民族和文化的独特性。

先修课程：世界通史

参考书：

《美国史纲》 重庆出版社

American History (3 credits)**Code:** 02086155**Instructor(s):** Zhang Yong'an**Content**

It tells of the formation and growing process of the United States of America, exhibiting this great nation's peculiarities.

Prerequisite The general history of world

军事理论（3 学分）

课程编号：00914002

任课教师：张金翠

课程目的：

通过课堂多媒体教学和课外自学，使学生掌握基本的军事理论和军事知识，掌握认识国防和战争现象的科学方法。增强国防意识、世界意识、未来意识和爱国主义理念，提升思想理论修养和人文素养。为新世纪国家人才培养的长远战略目标和国防现代化建设服务。

课程内容

“军事理论”课是普通高等学校军事课的构件之一，是大学本科和专科学生的必修公共基础课。其内容包括：“军事高技术”、“高技术战争”、“世界军事”、“中国国防”、“军事思想”五个部分。

先修课程：无

参 考 书：

《毛泽东军事文选》战士出版社；《中国近代战争史》军事科学出版社；《中国人民解放军战史简编》解放军出版社等。

Military Theory (3 Credits)**Code:** 00914002**Instructors:** Zhang Jincui**Objectives**

Through classroom teaching with multimedia means and extra-curriculum studies, students are expected to get knowledge of certain military theories and whereabouts, acquire the scientific ways for recognizing the importance of national defence and the nature of war. With this aim realized, the students will enhance their sense of national defence, the global consideration and the future of our world as well as their patriotic mind. They will raise their ideological ideas and their humane attainment to a new height.

Content

As a component in military curricula, military theory is a compulsory course for college students, which includes five parts, namely military hi-tech, hi-tech war, world military survey, China's

national defence and military concepts.

Non Pre-required courses

Reference Books

Selected Military Readings of Mao Ze-dong, Beijing: Soldiers' Press; Modern War History of China, Beijing: Military Science Press; Brief History Combats by People's Liberation Army; Beijing: PLA Publishing House

动漫中的音乐（2 学分）

课程编号：0093X087

任课教师：王石磊

课程目的：

本课程结合美术领域中的动画和漫画对古典，浪漫以及现代音乐进行欣赏，题材包括管弦乐，钢琴作品和歌剧唱段等，是一门综合音乐与美术，古典与现代的艺术作品赏析课程。通过课程的学习，达到提高大学生艺术修养，培养其高雅审美情趣之目的。

课程内容

本课程以动画为视觉主体，结合雕塑，设想，高科技多媒体等多种艺术手段，为古典，浪漫，乃至现代音乐中一些代表性的作品编配精美画面。帮助大学生在视觉上更加直接而轻松愉悦认识理解西方音乐。学生在聆听高雅音乐的同时，或风趣幽默，或典雅隽永的动画映入眼帘，耳濡目染，沁人心脾，带给大学生们一个唯美，空灵的艺术世界。

先修课程：无

Music in Animation (2 credits)

Code: 0093X087

Instructors: Wang Shilei

Objectives

It is the classical and modern works of art appreciation course with art and music, which let students appreciate the classical music, romantic music and modern music through combining the animation and comics. The topics contain orchestral music, Piano works and Opera Aria. Students can improve their artistic accomplishment and develop their elegant aesthetic taste

Content

The course allocates exquisite pictures for representative works in the classical music, romantic music and modern music, which emphasized animation as the visual themes combined sculpture, imagine, high-tech multi-media art means. The course helps the students more easily understand the western music in visual. The humorous and elegant and timeless animation brings the students into a beautiful, ethereal art word.

中国哲学史（1-3）（12 学分）

课程编号: 16615051-53

任课教师: 黄圣平, 吴立群

课程目的:

全面系统地了解中国哲学的流派及其演化脉络。以历史与逻辑相统一的方法, 适当评价中国哲学学的成就与不足, 中允地评估传统哲学对于当今中国人的价值, 力争做到古为今用。

课程内容

先秦诸子哲学, 秦汉哲学, 魏晋玄学, 隋唐佛学, 宋明理学, 清代朴学, 近现代中国的马克思主义哲学及专业哲学家的思想。

先修课程: 无

History of Chinese Philosophy (1-3) (12 credits)

Code: 16615051-53

Instructor(s): Huang Shengping, Wu Liqun

Objectives

Comprehensively and systematically understand Chinese philosophical schools and its evolution skeleton. It evaluates properly the achievements and shortcomings of Chinese philosophy using the history and logic unity method and the values of the traditional Chinese philosophy to the modern Chinese people, which strives to adapt it into be used in the modern society.

西方哲学史 (1-3) (12 学分)

课程编号: 16615048-50

任课教师: 王天恩, 张艳芬, 刘绍学, 刘友古, 彭立群

课程目标及内容:

从某种意义上说, 哲学就是哲学史。西方哲学史是最重要的哲学课程之一。学习西方哲学史可以使我们了解西方的文明和智慧, 认识西方人的心理, 生活状态和存在方式。主要内容包括以下三个部分: 第一, 系统讲解各个历史时期西方主要哲学家的思想; 第二, 对古今不同学派的主要理论做出全面梳理; 第三, 对各种理论作尽可能多的讨论。以此使学生对西方哲学有一个全面系统的掌握。

先修课程: 无

History of Western Philosophy (1-3) (12credits)

Code: 16615048-50

Instructors: Wang Tianen, Zhang Yanfen, Liu Shaoxue, Liu Yougu, Peng Liqun

Objectives & Content

In a sense, philosophy is the history of Philosophy. Western Philosophy is one of the most important philosophy courses. It can make the students get into know the wisdoms, civilization, the psychology, living conditions and existence model of western people. The main three parts are 1. Systematically explains the main western philosophers' thoughts in different periods. 2. to make a comprehensive combination of different schools 3. To discuss the different theories
The course makes students have a comprehensive understanding about western philosophy.

大学英语 B 级(3) (4.5 学分)

课程编号: 03004335

任课教师: 蔡俏兰

课程目的: 本课程旨在进行与语言素质教育, 通过计算机网络教材, 培养学生自主学习的能力, 并通过网上答疑和多媒体面授课堂, 帮助学生解决课文难点和消化教学重点, 形成独立获取知识的能力和自学习惯, 培养学生实际应用语言的能力和逻辑思维的能力, 使大学阶段英语教学最终达到或基本达到教育部《大学英语课程教学要求》中的“较高要求”。

课程内容:

本课程主要通过学习《新视野大学英语是听说教程(第三册)》,《新视野大学英语读写教程(第三册)》,《新视野大学英语泛读教程(第三册)》和《新视野大学英语综合训练(第三册)》等来培养学生的英语听, 说, 读, 写, 译的实际应用能力。

College English B(3) (4.5)

Code: 03004335

Instructor(s): Cai Qiaolan

Objectives

The course aims to cultivate the students' Autonomous Learning Ability through the Language Quality Education and computer network teaching model, develop the students' independent knowledge acquisition ability and habit through online FAQs and multimedia teaching model and also cultivate the students' practical language application ability and logical thinking ability. The course requires the college English finally or basically to meet the higher requirements of The Ministry of Education's "University English teaching requirements"

Content

The course mainly develop the students' practical application ability of listening, speaking, reading and writing application ability by learning "New Horizon College English Viewing .Listening &Speaking (three)", "New Horizon College English Reading &Writing (three)", "New Horizon College English Extensive Reading (three)", "New Horizon College English Comprehensive Exercises (three)"

计算机文化与应用技术 C(3) (3 学分)

课程编号: 00864059

任课教师: 计算中心, 各院系

课程目的:

通过 HTML 语言, FrontPage 以及一些相关技术的介绍, 使学生掌握网站制作和发布的技能。

课程内容:

HTML, FrontPage 以及 Access, ODBC, JavaScript, VBScript 和 ASP 的基本知识。

Computer Culture and Applications C(3) (3 Credits)

Code: 00864059

Instructors: Computer Centers, different schools

Objectives

To make the students master the website production skills and website release skills through introducing the HTML language, Frontpage and the related technology.

Content

HTML, FrontPage, Access, ODBC, JavaScript, VBScript and ASP basic knowledge

英语口语（3 学分）

课程编号：04135028

任课教师：外教

课程目标及内容：

培养和提高学生的口语能力，通过大量的口语训练，使学生领悟口语的真谛，掌握口语的基本技巧，教学内容涉及西方历史政治，文化等领域。

Oral English (3 credits)

Code: 04135028

Instructors: Foreign teachers

Objectives & Content

Improve the students' speaking ability through a large number of speaking training. It makes the students master the basic skills of speaking. The teaching content includes western history, politic and cluture.

文献检索（2 学分）

课程编号：

00924001 数学、力学专业；00924002 机、电、土建专业；00924003 生、化、材料专业；00924004 经、管、法律专业；00924005 文史、社科、艺术专业。根据学校教务处通知，从 2003 年春季学期起，课程编号为 00924001，00924002 和 00924003 归并为理工科文献检索，00924004 和 0924005 归并为文科文献检索，不再区分具体专业，但是学生不得跨文理选修。

任课教师：

蒋永新、叶元芳、鲍国海、徐志娟、王德英、陈敏、毛琴芳、邵明、李雅仙、赵伯兴、盛兴军、刘雅君、李琦等。

课程目的：

文献课是知识时代培养学生终身所必须的信息意识和信息技能的极为重要的科学方法课。课程的目的在于提高大学生的自学能力和独立研究能力。

课程内容

1、文献信息概论：信息和文献类型的概念、文后参考文献出版类型的识别方法以及文献的内部和外部特征。2、专业文献信息源及文献信息的手工检索原理：专业文献信息分布、信息检索的五个基本步骤、分类途径的检索步骤和课题归类方法以及著者途径的检索步骤。3、计算机信息检索原理：文献信息数据库的类型和结构、计算机信息检索的基本步骤、检索概

念的分析方法、基本算符的概念以及检索策略调整的基本方法。4、综合性光盘和网络数据库及其使用方法：中国期刊网专题全文数据库、Compendex 数据库以及各专业相关的典型数据库。5、互联网信息的检索和利用：互联网信息资源的构成、特点和主要服务功能、典型搜索引擎的使用方法、虚拟图书馆的概念和利用方法以及网上专业文献信息的查找方法。6、信息的收集、整理和利用：文献信息的综合调研方法，已知书目信息文献原文的获取方法和文献信息标准引用方法。

先修课程：

计算机文化和应用技术、专业外语

多媒体教学

指定教材：

《信息文化教程》 蒋永新、叶元芳 上海大学出版社 2003.2；《文科信息检索导论》本书编辑组 校内教材 2003.3

参考书目：

《信息检索利用技术》 四川大学出版社 2001 年

Information Literacy (Social Science) (2 Credits)

Code: 00924001, 00924002, 00924005, 00924003, 00924004, 00924005

Instructor(s): Jiang Yongxin, Bao Guohai, Wang Deying, Ye Yuanfang, Xu Zhijuan, Mao Qinfang, Chen Min, Zhao Boxing, Shen Xingjun, Liu Yajun, Li Qi, Gao Ming, Li Yaxian

Objectives

Provides students with proven methods for successfully accessing proliferating information resources. Students are faced with diverse, abundant information choices in their academic studies. Information is available through libraries, community resources, special interest organizations, media, and the Internet and increasingly, information comes to individuals in unfiltered formats, raising questions about its authenticity, validity, and reliability. The sheer abundance of information will not in itself create a more informed scholar without a complementary cluster of abilities necessary to use information effectively.

Information literacy is a set of abilities requiring individuals to "recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information." An information literate individual is able to:

- * determine the extent of information needed
- * access the needed information effectively and efficiently
- * evaluate information and its sources critically

Content

1. Introduction to literature and information. The sorts of literature and its distribution law 2. Manual retrieval principles, How to retrieve information manually 3. Computerized retrieval principle; The search procedures with computerized textual database 4. Typical online database search principle; More detailed techniques for computerized retrieval. 5. Internet information utilization; The information on the Internet, the search engines and virtual library 6. Access to

full-text literature and citing methods

Prerequisites Computer literacy, Professional English Bilingual Teaching

One class for each semester

Use of Multimedia

现代科技概论（2 学分）

课程编号：18464052

任课教师：叶志明、杨骁、张莉、宋少沪等

课程目标：

掌握现代科学技术的发展历史，当今社会的高科技产业领域，科学研究的一般方法。了解现代科学技术各个领域的发展趋势和主要的研究问题。

课程内容：

现代科技导论、近代科学技术、物理宇观与微观、地球生命系统、当代高科技、计算机与数字化、现代通信技术、生物基因技术、能源交通、海洋空间技术、环境科学等。

先修课程：无

多媒体教学

Introduction to Modern Science and Technology (2 Credits)

Code: 18464052

Instructor(s): Ye Zhiming, Yang Xiao, Zhang Li, Song Shaohu, etc

Objectives:

Grasp history of modern science and technology and main high-tech fields in current world. Understand development and main research fields of the modern science and technology in current world.

Contents:

Brief Introduction of modern science and technology, Modern science and technology, nuclear physics and astrophysics, Earth and organism System, Current high technologies, Computer and digital world, Modern communication technology, Gene technology, Energy and traffic, Technology of Space and Ocean, Environment science, etc.

Prerequisite None

Use of Multimedia

托尔斯泰精读（3 学分）

课程编号：02075258

任课教师：景春雨

课程内容及目的：

本课程以托尔斯泰的小说作品为研究对象，通过对《战争与和平》等多部著作的深度分析与介绍，使学生对托尔斯泰及其所属历史时期的文化，社会等方面有一个初步的认识，并掌握

一定的文学批判和分析意识。

Intensive Reading on Tolstoy's Works (3 credits)

Code: 02075258

Instructors: Jing Chunyu

The course researches Tolstoy's Works. It makes the students have a basic understanding about the culture and society in Tolstoy period and master the certain literary critique and analysis consciousness through analyzing "War and Peace" et la

西方基督教史（3 学分）

课程编号：02086220

任课教师：肖清和

课程目标：

使学生了解基督教是既西方文化的总背景，又是西方文化的一部分。了解基督教的发展脉络，由此为宗教之于文化的关系考察提供视野。

课程内容：

主要讲授基督教的诞生背景，早期活动，罗马帝国时期的教会，乃至教会之后的分化，及其在今日的发展。

History of Western Christianity (3 credits)

Code: 02086220

Instructors: Xiao Qinghe

Objectives

To make the students understand that Christianity is not only the general background of western culture but also a part of western culture. To get into know the Christianity development and provide vision for the relationship between religion and culture.

Content

Mainly teach about Christian background, early activity, churches of Rome Empire, the church differentiations and its development in modern times

外国报刊选读(一、二)（4 学分）

课程编号: 03115044~045

任课教师: 外教

课程目的

培养学生不借助词典阅读英美报刊杂志原文。

课程内容

本课程教材取自美国《时代周刊》、《新闻周刊》及《新闻与世界报导》，题材广泛，涉及政治、经济、文化、教育、科学、医学等诸方面。目的在于让学生养成阅读外刊的习惯，了解世界，熟悉新闻英语，扩大各方面的词汇量。

选课对象 英语专业本科四年级学生

先修课程 综合英语（一、二）、英语阅读

Foreign Press Reading (1, 2) (4 Credits)

Code: 031156044~045

Instructor(s): Foreign teachers

Objectives

This course aims at improving the students' proficiency in reading foreign newspapers and magazines on condition that they are not allowed to consult the dictionaries.

Content

The teaching materials, which cover a wide range of subjects, such as politics, economy, culture, education, science and medicine, are chosen from Time, Newsweek and U.S. News and World Report of America. The purpose is to help students form a habit of reading foreign magazines, keep abreast of current affairs of the world, get familiar with news English and enlarge their vocabulary.

Students: Seniors of English major

Prerequisite: Comprehensive English (1, 2), English Reading

人际关系心理学（2 学分）

课程编号：0935X038

任课老师：杨丽华

课程目标：

把人际交往的有关知识介绍给学生，使学生能够理解影响他们人际关系的各种因素，能够评价人际关系各种现象中的信息，理解交往中可能出现的问题，以及学会如何解决这些问题。

课程内容：

主要讲授人际关系的心理学理论，影响人际关系的各种因素，交往技巧等，并提供丰富案例探讨实际交往问题种哪些是重要因素，怎样处理这些问题，从而建立起良好的关系。

Psychology of Human Relations (2 credits)

Code: 0935X038

Instructor(s): Yang Lihua

Objectives

To introduce human relations knowledge to students and make them understand the various factors influencing their relationships and evaluate the various Phenomena information of interpersonal relationship, understand the possible problems during the contact and learn how to resolve them

Content

Mainly teach about Psychology theories of Human relations, various factors influencing relationships, communication skills. Provide lots of cases and discuss the most important factors during the real relationship, how to resolve the problems in order to get along well with others.

社会建构论研究 A (3 学分)

课程编号: 16616044

任课教师: 张亚月

课程目标:

为哲学专业的学生了解社会建构主义的基本思想, 理论体系与科技哲学的关系。

课程内容:

“社会建构主义”主要涉及到社会建构主义的性质, 来源, 方法论, 几种取向, 社会建构主义与科学哲学的关系, 与技术哲学的关系, 与社会哲学的关系以及社会主义所受到的批判。

The Social Constructivism A(3 credits)

Code: 16616044

Instructors: Zhang Yayue

Objectives

To let the students from philosophy department get into know the relationship among the basic thoughts of Social Constructivism, Theoretical system and Philosophy of science and technology

Content

Social Constructivism is mainly about its the nature, source, Methodology and Several orientations and the relationship among social constructivism and science philosophy, science philosophy, social philosophy and socialism critique.

大学英语 B 级(4) (4.5 学分)

课程编号: 03004336

任课教师: 沈澄

课程目的: 本课程旨在进行与语言素质教育, 通过计算机网络教材, 培养学生自主学习的能力, 并通过网上答疑和多媒体面授课堂, 帮助学生解决课文难点和消化教学重点, 形成独立获取知识的能力和自学习惯, 培养学生实际应用语言的能力和逻辑思维的能力, 使大学阶段英语教学最终达到或基本达到教育部《大学英语课程教学要求》中的“较高要求”。

课程内容:

本课程主要通过学习《新视野大学英语是听说教程(第四册)》,《新视野大学英语读写教程(第四册)》,《新视野大学英语泛读教程(第四册)》和《新视野大学英语综合训练(第四册)》等来培养学生的英语听, 说, 读, 写, 译的实际应用能力。

College English B(4) (4.5)

Code: 03004336

Instructor(s): Shen Cheng

Objectives

The course aims to cultivate the students' Autonomous Learning Ability through the Language Quality Education and computer network teaching model, develop the students' independent knowledge acquisition ability and habit through online FAQs and multimedia teaching model and also cultivate the students' practical language application ability and logical thinking ability. The course requires the college English finally or basically to meet the higher requirements of The Ministry of Education's "University English teaching requirements"

Content

The course mainly develop the students' practical application ability of listening, speaking, reading and writing application ability by learning "New Horizon College English Viewing .Listening &Speaking (four)", "New Horizon College English Reading &Writing (four)", "New Horizon College English Extensive Reading (four)", "New Horizon College English Comprehensive Exercises (four)"

科技哲学研究（5 学分）

课程编号：16615032

任课教师：徐琴，杨庆峰，周立昀，欧阳光明

课程目标：

本课程以科技概念与科技活动形态的历史演变过程为主线，了解科技哲学的状况。

课程内容：

综合知识的生成与辩护探讨科学与技术知识的构成及其性质，着重展开从逻辑实证主义到后分析哲学关于科学实在论与建构论，逻辑主义与历史主义，现代主义与后现代主义等问题的讨论。

Study of The philosophy of Science and Technology (5 credits)

Code: 16615032

Instructors: Xu Qin, Yang Qingfeng, Zhou Lijun, Ouyang Guangming

Objectives

The course introduces the philosophy of Science and Technology conditions through science and technology concepts and the historical evolution of Science and technology activities

Content

Comprehensive knowledge generation and defense discuss the structure and properties of science and technology knowledge; discuss the scientific realism and constructivism from logical positivism to post analytic philosophy; discuss the logicism and Historicism, Modernism and post modernism

西方哲学原著（5 学分）

课程编号：16616018

任课教师：王天恩，张艳芬，刘友古

课程目标：

通过对重要原著的了解，使学生们得到一些基本理论训练，为进一步阅读原著打下基础。

课程内容：

本课程主要讲解柏拉图的《理想国》，压力适度的《形而上学》和康德的《纯粹理性批判》。

Western Philosophy Original (5 credits)

Code: 16616018

Instructors: Wang Tianen, Zhang Yanfen, Liu Yougu

Objectives

To let the students have some basic theories training to lay a foundation for the further studying through the important works learning

Content

The course mainly teach platon's "Ideal State", "metaphysics" and Kant's " Critique of Pure Reason"

外电听力（4.5 学分）

课程编号：03004365

任课教师：吴雪颖，戴晓富 等

课程目标：培养和提高学生的英语听力理解能力，尤其是听懂英美主要媒体中的新闻以及热门话题的能力，这些媒体包括 CNN，VOA，BBC，ABC 等；通过听力扩大学生的词汇量以及加深对英美国家文化的了解。

课程内容：

本课程主要通过 CNN，VOA，BBC，ABC 等播放的新闻以及热门话题等来提高学生的英语听力理解能力，听力内容包括 Pampered Pets, Silly Sports, Modern Marriage, Las Vegas, Gluttony, Get Rich Quick 等。

English Listening from Foreign News Channels (4.5 credits)

Code: 03004365

Instructors: Wu Xueying, Dai Xiaofu

Objectives

Culture and improve students' listening and comprehension ability especially the ability to understand the media news and hot topics of United States and the untied kingdom. The Medias includes CNN, VOA, BBC and ABC. Students can enlarge their vocabulary and deepen their

understanding about USA and UK.

Content

The course mainly improves the students' listening and comprehension ability through CNN, VOA, BBC and ABC. The listening contents include Pampered Pets, Silly Sports, Modern Marriage, Las Vegas, Gluttony, Get Rich Quick and so on.

电影中的音乐家故事（1）（2 学分）

课程编号：0093X117

任课教师：初海伦

课程目标：

本课程将通过著名音乐家的生平纪实影片向大学生介绍艺术家的艺术贡献及创作生涯，是大学生多方面地了解音乐家独特的艺术人生，更加深刻地领悟经典艺术的价值和意义，从而达到提升自身的艺术素养和审美能力的目的。

课程内容：

概述影片中音乐家的时代背景，艺术风格，主要作品等。

观赏影片，提问并总结。

Story of Musicians in Movie (1) (2 credits)

Code: 0093X117

Instructor(s): Chu Hailun

Objectives

The course introduces the artists' artistic contribution and career through the famous musician's biographical documentary film. It makes the students get into know the musicians unique art of life from various aspects and more deeply understand the value and meaning of classical art in order to enhance their own artistic accomplishment and aesthetic ability

Content

Summarize the era background, artistic style, and the main works of musicians

Watch the films and ask questions and summarize

哲学专业英语 A（1）（3 学分）

课程编号：16615057

任课教师：闵东潮，沈海燕

课程目标及内容：

本课程主要学习英文版的意志哲学，生命哲学，现象学，解释学，存在主义，结构主义，逻辑实证主义，批判理性主义，历史主义，后现代主义，社会建构主义等哲学流派的主要哲学家的哲学思想。

Professional English A(1) (3 credits)

Code: 16615057

Instructor(s): Min Dongchao, Shen Haiyan

Objectives & Content

The course mainly teaches English version's will philosophy, life philosophy, Phenomenology, Hermeneutics, Existentialism, Structuralism, Logical positivism, Critical rationalism, Historicism, Post Modernism, Social Constructivism

美学 A (3 学分)

课程编号: 16615061

任课教师: 陈新汉, 刘冰

课程目标: 本课程目的在于充分理解美的本质和审美活动的机制, 使学生形成健康的审美观念, 增强学生的审美能力。

课程内容: 美的本质和特征, 审美活动中的形象思维, 审美活动中的艺术活动以及审美与人生。

Introduction to Aesthetics A (3 credits)

Code: 16615061

Instructor(s): Chen Xinhan, Liu Bing

Objectives

The course aims to help students inform the healthy aesthetic idea and enhance the students' Aesthetic appreciation ability through fully understanding the nature of beauty and aesthetic activity mechanism

Content

The essence of beauty and utility, Image thinking, art activities, aesthetic and people's life

马克思主义哲学史 (5 学分)

课程编号: 16615011

任课教师: 彭学农

课程目标:

通过本课学习, 让学生们领会马克思主义哲学原理是什么和清楚地了解学习目的。主要目的:
1. 帮助学生们培养和树立科学的世界观 2. 提高学生们的理论思维能力和帮助他们掌握科学的思维方法 3. 提高学生的整体素质

课程内容:

马克思主义哲学原理的哲学观; 马克思主义哲学原理的实践观; 马克思主义哲学原理的物质观; 马克思主义哲学原理的发展观; 马克思主义哲学原理的本体论; 马克思主义哲学原理的社会本质论; 马克思主义哲学原理的社会结构论; 马克思主义哲学原理的社会发展论; 马克思主义哲学原理的社会动力论; 马克思主义哲学原理的社会主体观。

History of Marxist Philosophy (5credits)

Code: 16615011

Instructors: Peng Xuenong

Objectives

Through the course learning, it let the students understand what Marx philosophy is and the learning objective. The main aims are:

1. Help the students to develop and establish a scientific world outlook 2. Improve the students' thinking ability and help them to master scientific thinking method 3. Improve the students' overall quality

Content

Philosophy view of Marx's philosophy principles, Practice view of Marx's philosophy principles, Matter view of Marx's philosophy principles, Development view of Marx's philosophy principles, Ontology of Marx's philosophy principles, Social essence of Marx's philosophy principles, Social structure theory of Marx's philosophy principles, social development theory of Marx's philosophy principles, Social dynamics theory of Marx's philosophy principles, Social subject of Marx's philosophy principles

宗教学研究（4 学分）

课程编号：16616031

任课教师：沈海燕

课程目标：

了解宗教的产生，发展过程以及它在社会中的地位和作用。使学生们正确对待信仰问题。

课程内容：

宗教的产生，发展及其本质。基督教的产生，发展与基督教文化。佛教的产生，发展与佛教文化。伊斯兰教的产生，发展与伊斯兰教文化。

Study on Religion (4 credits)

Code: 16616031

Instructor(s): Shen Haiyan

Objectives

Get into know the religion's creation, development and the position and role in society. Make students have a correct attitude towards religion.

Content

The religion's creation, development and its essence, Christian creation, development and Christian culture, Buddhism creation, development and Buddhism culture, Islam creation, development and its culture.

英语中级听力（4.5 学分）

课程编号：03004351

任课教师：商晓芳，Celine

课程目标：

培养和提高学生的英语听力理解能力，使之达到或基本达到《上海市英语中级口译资格证书考试大纲》对英语听力理解能力所规定要求达到的水平。

课程内容：

本课程主要通过听写与回答问题，单据听力理解，段落听力理解和练习听译来提高学生的英语听力理解能力，听力内容包括 Talking about oneself, How do British people spend holidays, My first day in New York, Crime and punishment, Life on a small island, News in brief 等。

Intermediate Listening English (4.5credits)

Code: 03004351

Instructors: Shang Xiaofang , Celine

Objectives

Culture and improve the students' listening and comprehension ability and make them meet the requirement of "Examination Outline of Shanghai Intermediate English interpreter certificate"

Content

The course mainly improve the students' listening ability through listening, writing and answering questions, word listening comprehension, Passage listening comprehension and practicing Listening translation. The listening contents include Talking about oneself, How do British people spend holidays, My first day in New York, Crime and punishment, Life on a small island, News in brief and so on.

中国当代小说研究（3 学分）

课程编号：02076089

任课教师：蔡翔

课程目标：

本课程旨在培养学生当代小说的鉴赏能力，理解能力，分析能力，审美能力，以利于提高研究中国文学能力以及文学批判素质。

课程内容：

通过本课程学习，使同学了解中国当代小说的基本形式，流派，不同时期的风格特点，以及写作的基本框架笔法和情节结构；使同学站在纯文学的立场上较为仔细，深入地阅读，体位，分析，研究，中国当代小说，从而发现其中的文学精神，特质要素，并进行一定程度的文学批判。

Study of Chinese Contemporary Literature (3 credits)

Code: 02076089

Instructor(s): Cai Xiang

Objectives

The course aims to develop the students' Contemporary novel appreciation ability, comprehension ability, analysis ability, aesthetic ability and improve their Chinese literature ability and literary criticism quality

Content

Through the course learning, students get into know the basic forms, schools, The style characteristics of different period, the basic writing frame style and plot structure. Students read deeply, feel, analyze and research contemporary novel from the pure literature standpoint and find literature spirit, personal traits, and do some literary criticism

十至十三世纪亚洲史（3 学分）

课程编号：02086208

任课教师：舒健

课程目标：

了解和理解十至十三世纪亚洲历史的基本脉络，帮助学生扩充历史观，培养历史意识，提高其综合素质

课程内容：

十至十一世纪的大事年表——两宋，辽，西夏，金，蒙古及亚洲诸民族的历史进程及其互相间的联系

History of Asia (from 10th century to 13th century) (3 credits)

Code: 02086208

Instructor(s): Shu Jian

Objectives

Get into know and understand the basic sequence of history of Asia from 10th century to 13th century and help students expand view of history, develop culture history consciousness, improve their comprehensive quality

Content

Events Chronology from 10th century to 13th century—The two Song Dynasty, Liao Dynasty, Xixia Dynasty, Jin Dynasty, Mongolia and The historical process of Asian nations and their relationships

高尔夫球(1)(1 学分)

课程编号：00853421

任课教师：黄军海

课程内容：

选项体育课：根据学生爱好和特长，学习高尔夫球的基础理论和技能。

西方文化史(4 学分)

课程编号：02085018

任课教师：夏正伟

课程内容：

“西方文化史”既是一门基础性课程，又是一门与世界通史配套的专业课程。她不仅使世界和欧美历史具有真正意义的整体史，而且大大丰富了西方线性历史的维度和内涵。“西方文化史”课程教授教学内容涵盖了物质文化和精神文化各个层次的内容但其核心是通过对西方文化的总结和西方文化历史的基础训练，扩大学生知识面与文化视野，提高文化与思想素质，培养学生用正确的历史观考察世界文化和西方文化。

课程目标：

通过本课程的学习，希望学习者能够掌握西方文化史的总体理论构架和基本知识，并能熟练运用文化学的基本方法，来评论和研究西方文化事件和文化表征。

英美散文名篇选读(2 学分)

课程编号：03004422

任课教师：刘侃

课程内容：

本课程荟集了古今中外散文之精华，文章内容精辟，文字优美。

课程目标：

通过本课程的学习，希望学生既能感受文学的魅力，又能体会宇宙的浩茫，世事的纷沓，人生的跌宕，从而对世界有更为成熟的认识，并亲近文学，亲近语言。

思想道德修养与法律基础 A (3 学分)

课程编号：16584153

任课教师：陈蕾

课程内容：

本课程是以马克思主义为基础的中国政治教育的重要课程之一。它着重于教育，人生观，价值观，道德价值观，法治理念相结合的相关学科知识。根据学生成长的规律，教导学生加强自身思想道德观念和法律意识。

伦理学（5 学分）

课程编号:16615015

任课老师：张亚月

课程内容：

伦理学是对道德进行哲学研究的一门科学，故也可称为道德哲学。其体系大致可包括三部分：第一部分在考察人类道德的起源、历史类型和中西思想的演变和发展的基础上，揭示道德的哲学本质、内在结构和特殊功能；第二部分分析社会道德规范体系的生成、根据和调控机制；第三部分研究人类道德实践活动，如道德选择、道德评价、道德人格修养等，最终说明伦理

智慧对于人生的意义以及真、善、美的关系。

Ethics (5 Credits)

Code 16615015

Instructor(s) Zhang Yayue

Content

Ethics is about human morality in the level of philosophy, so it is also called moral philosophy. Its system includes three parts: firstly, it reviews such aspects of morality as the origin, the historical types and the evolution and development in China and the western countries. On this basis, it unveils the philosophical nature, the inherent structure and the special function of morality; secondly, it analyses the genesis, the base and the modulating and controlling mechanism of the regulation system of social morality; thirdly, it studies the human moral practices including the moral choice, moral evaluation, moral personality culture, etc., and ultimately illustrates the meaning to life of the ethical wisdom and the relation ship between the truth, the goodness and the beauty.

中国现代哲学(1) (3 学分)

课程编号: 16615034

任课教师: 吴立群

课程内容:

十九到二十世纪, 鸦片战争以来晚清民国至新中国成立时期中国哲学大家思想体系概述。

课程目标:

系统而历史地了解中国哲学在十九至二十世纪中国社会政治大变革时期的形态与演变, 考察中国哲学的当代走向。

现代西方哲学(1) (3 学分)

课程编号: 16615036

任课教师: 张艳芬

课程目标及内容:

本课程主要学习包括存在主义, 后现代主义在内的近现代西方哲学流派的主要哲学思想。

哲学专业英语 A (2) (3 学分)

课程编号: 16615058

任课教师: 刘冰

课程目标及内容:

本课程主要学习英文版的意志哲学, 生命哲学, 现象学, 解释学, 存在主义, 结构主义, 逻辑实证主义, 批判理性主义, 历史主义, 后现代主义, 社会建构主义等哲学流派的主要哲学家的哲学思想。

Professional English A(2) (3 credits)

Code: 16615058

Instructor(s): Liu Bing

Objectives & Content

The course mainly teaches English version's will philosophy, life philosophy, Phenomenology, Hermeneutics, Existentialism, Structuralism, Logical positivism, Critical rationalism, Historicism, Post Modernism, Social Constructivism