

2015年本科生暑期学校课程信息

目 录

*此为截止至4月7日之课程名录，后续新增课程以选课系统为准

**已删去不适用之A类课程及一门B类课程（有先修要求）

序号	课程号	课程名称	班号	开课系所	班号	学分	授课教师	课程开放范围	备注
15	00431740	可再生能源与低碳社会	1	物理学院	1	2	肖立新	B	提交论文
16	00432206	量子力学专题	1	物理学院	1	2	B. Rosenstein(校外)	B	最后一次课收作业
17	00432216	量子力学(II)	1	物理学院	1	2	钱志新	B	考试时间:第五周周二下午
20	01131180	植物发育及分子生物学	1	生命科学学院	1	2	邓兴旺, 瞿礼嘉	B	7.30日-8.3日上课
27	01233170	地震概论	1	地球与空间科学学院	1	2	赵克常	B	8月6日考试
31	01431440	珠宝鉴赏与珠宝文化	1	地球与空间科学学院	1	2	崔文元, 王时麒, 王长秋	B	8月6日考试
39	01610226	意识的脑机制	1	心理学系	1	2	李量	B	8月10日前提交期末论文
40	01630081	健康人格心理学	1	心理学系	1	2	杨眉(校外)	B	8月4日前提交期末论文
41	01630670	听视觉言语加工整合及其脑机制	1	心理学系	1	2	李量	B	8月10日提交期末论文
42	01630692	电影与心理	1	心理学系	1	2	易春丽	B	8月9日前提交期末论文

序号	课程号	课程名称	班号	开课系所	班号	学分	授课教师	课程开放范围	备注
43	01630693	用户体验研究与实践	1	心理学系	1	1	何吉波(校外)	B	7月23日前提交 期末论文
45	01834040	中东政治与文化传播	1	新闻与传播学院	1	2	许静, 马为公(校外)	B	
46	02230890	外国建筑史	1	考古文博学院	1	2	方拥	B	
47	02232290	考古学与社会记忆	1	考古文博学院	1	2	沈睿文	B	
48	02332311	佛教导论	1	哲学系	1	2	姚卫群	B	
50	02431710	亚太概论	1	国际关系学院	1	2	陈峰君	B	论文
51	02530060	微观经济学	1	经济学院	1	3	张元鹏	B	
53	03032360	中国文化史	1	信息管理系	1	2	王锦贵	B	
55	03633330	西班牙文化纵览	3	外国语学院	1	1	宋扬	B	
56	03835400	美国短篇小说与电影	1	外国语学院	1	2	马乃强	B	
57	03835400	美国短篇小说与电影	2	外国语学院	2	2	马乃强	B	
58	03835510	希腊与希伯来哲学	1	外国语学院	1	2		B	
59	03835510	希腊与希伯来哲学	2	外国语学院	2	2		B	
60	03835520	英美文学概况	1	外国语学院	1	2		B	
61	03835520	英美文学概况	2	外国语学院	2	2		B	
62	03835610	法律英语	1	外国语学院	1	2		B	
63	03835620	美国华人移民的历史与文化	1	外国语学院	1	2		B	
64	03835620	美国华人移民的历史与文化	2	外国语学院	2	2		B	
65	03835730	美国文化概览	1	外国语学院	1	2		B	
66	03835730	美国文化概览	2	外国语学院	2	2		B	
67	03835730	美国文化概览	3	外国语学院	3	2		B	
68	03835730	美国文化概览	4	外国语学院	4	2		B	
69	03835830	西方文化选读	1	外国语学院	1	2		B	

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70	03835830	西方文化选读	2	外国语学院	2	2		B	
71	03835860	英语公众演讲	1	外国语学院	1	2		B	
72	03835860	英语公众演讲	2	外国语学院	2	2		B	
73	03835860	英语公众演讲	3	外国语学院	3	2		B	
74	03835860	英语公众演讲	4	外国语学院	4	2		B	
75	03835950	高级英语口语	1	外国语学院	1	2		B	
84	04330881	基本乐理与管弦乐基础	1	艺术学院	1	2	马清	B	
85	04331020	中外名曲赏析	1	艺术学院	1	2	李静	B	
87	04630710	认知科学与经济学	1	元培学院	1	2	杨英锐(校外)	B	
88	04630720	推理与决策	1	元培学院	1	2	杨英锐(校外)	B	
92	04831840	职业规划与领导力发展	1	信息科学技术学院	1	2	边凯归	B	
93	04831950	生物特征识别	1	信息科学技术学院	1	2	李文新	B	与香港张大鹏合开
98	04832990	微纳电子专业综合实验	1	信息科学技术学院	1	2	傅云义, 韩德栋, 贾嵩, 王玮	B	第一次课在2705, 每日下午做实验
99	06239030	市场微结构模型专题	1	国家发展研究院	1	1	Tai	B	
105	18050150	营养与疾病	1	医学部教学办	1	1	张玉梅, 朱文丽	B	最后一次课3-4节开卷考试
106	18050180	人体免疫与健康养生	1	医学部教学办	1	1	王月丹	B	最后一次课3-4节开卷考试
107	30330500	ACM/ICPC竞赛训练	1	信息科学技术学院	1	2	郭炜	B	7.20-7.31
108	30340009	中国民俗与文化	1	国际暑期学校, 英文授课	1	2	王娟	未名湖畔好读书不适用	7.6-7.31
109	30340015	比较哲学: 中国和西方	1	国际暑期学校, 英文授课	1	2	Roger T. Ames(校外)	未名湖畔好读书不适用	7.6-7.31。IARU课程

序号	课程号	课程名称	班号	开课系所	班号	学分	授课教师	课程开放范围	备注
110	30340025	中国经济导论	1	国际暑期学校, 英文授课	1	2	秦雪征, 季曦	未名湖畔好读书不适用	7.20-7.31
111	30340028	转型时期的中国公共政策	1	国际暑期学校, 英文授课	1	2	李永军	未名湖畔好读书不适用	7.6-7.31
112	30340032	1949年以来的中国	1	国际暑期学校, 英文授课	1	2	王希	未名湖畔好读书不适用	7.6-7.31
113	30340033	镜中观花——中国人的价值观	1	国际暑期学校, 英文授课	1	2	韩金鹏	未名湖畔好读书不适用	7.20-7.31
114	30340035	中国因素: 应对中国的全球挑战	1	国际暑期学校, 英文授课	1	2	梁薇(校外)	未名湖畔好读书不适用	7.6-7.19
115	30340043	现代中国文化与社会(1910年至今)	1	国际暑期学校, 英文授课	1	2	蒋晖	未名湖畔好读书不适用	7.6-7.19
116	30340045	中国地方政府与政治	1	国际暑期学校, 英文授课	1	2	张长东	未名湖畔好读书不适用	7.20-7.31
117	30340048	中国传统认同与其现代变迁	1	国际暑期学校, 英文授课	1	2	孙飞宇	未名湖畔好读书不适用	7.20-7.31
118	30340049	“中国崛起”专题研讨课	1	国际暑期学校, 英文授课	1	2	徐昕(校外)	未名湖畔好读书不适用	7.6-7.31。IARU课程
119	30340052	中国传统健身、饮食与养生	1	国际暑期学校, 英文授课	1	2	卢福泉	未名湖畔好读书不适用	7.6-7.31
120	30340053	中国的宪法和政治体系	1	国际暑期学校, 英文授课	1	2	段德敏	未名湖畔好读书不适用	7.6-7.31
121	30340055	中国经济专题	1	国际暑期学校, 英文授课	1	2	王章卫(校外)	未名湖畔好读书不适用	7.6开始, 周四周五7-8, 10-11节。IARU课程
122	30340058	当代中国的社会问题与政策应对	1	国际暑期学校, 英文授课	1	2	高翔	未名湖畔好读书不适用	7.6-7.31

序号	课程号	课程名称	班号	开课系所	班号	学分	授课教师	课程开放范围	备注
123	30340059	中国古典诗词	1	国际暑期学校, 英文授课	1	2	梅申友	未名湖畔好读书不适用	7.6-7.31
124	30340060	国际人力资源管理: 东方、西方和新兴市场	1	国际暑期学校, 英文授课	1	2	杨妮妮(校外)	未名湖畔好读书不适用	7月13日开始上课, 7月17日7-9节上课
125	30340062	从历史视角看当代中国女性、体育和社会	1	国际暑期学校, 英文授课	1	2	董进霞	未名湖畔好读书不适用	7.6-7.19
126	30340063	中国政治经济导论	1	国际暑期学校, 英文授课	1	2	周强	未名湖畔好读书不适用	7.6-7.31
127	30340064	环境与中国: 自然, 文化和发展	1	国际暑期学校, 英文授课	1	2	周宇(校外)	未名湖畔好读书不适用	7.6-7.31
128	30340065	丝绸之路: 一种全球史	1	国际暑期学校, 英文授课	1	3	陆扬	未名湖畔好读书不适用	7.6-7.31, IARU课程
129	30340066	解读中国: 从媒体、沟通、文化的视角	1	国际暑期学校, 英文授课	1	2	龚文庠	未名湖畔好读书不适用	7.6-7.19
130	30340067	新中国: 哲学与政治	1	国际暑期学校, 英文授课	1	2	蒋洪生	未名湖畔好读书不适用	7.6-7.19
131	30340068	亚太安全	1	国际暑期学校, 英文授课	1	2	Dr Marc Lanteigne (兰马克)(校外)	未名湖畔好读书不适用	7.20-7.31

课程信息

课程号 (Course Number) : 00332847

课程名称 (Course Title) : 现代控制系统/Advanced Control Systems

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 3

授课教师 (Faculty) : Iven MAREELS(校外) 待定 , Ying Tan(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

本课程提供了现代控制理论导论与状态空间方法和最优控制概念的基本引入。

英文简介 (Course Description) :

This subject provides an introduction to modern control theory with a particular focus on state-space techniques and optimal control.

Students will study topics including:

? System modelling, state-space models, Lyapunov stability theory, and linearization;

? Controllability and observability of linear-time-invariant system, state feedback and pole placement, output feedback and observer design;

? Linear quadratic regulators, moving-horizon predictive control with constraints, and dynamic programming.

This material is complemented by the use of software tools (e.g. MATLAB/ Simulink) for computation and simulation.

-End-

课程号 (Course Number) : 00333050

课程名称 (Course Title) : 金工实习/Metalworking Practice

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 3

授课教师 (Faculty) : 邹如强 副研究员 Associate Research Fellow

先修课程 (Prerequisites) : 无

中文简介:

本课程共60学时3学分，学生暑期完成。教师授课和工厂实习同时进行，教师授课占22学时，工厂实习占38学时。主要培养学生金属加工和机械操作的基本技能。通过金工实习使学生了解实验安全、工艺技术及工业机械操作的基本知识和流程。课程共分十个章节，包括铸造、焊接、钢的热处理、切削加工基本知识、车工、铣工、刨工、磨工、钳工、数控加工技术等实践内容。

英文简介 (Course Description) :

This is a one-semester course designed to introduce the student to basic metal working and machining concepts. This hands-on course will introduce students to many metal characteristics and machining procedures. Students will learn safety, craftsmanship, and an appreciation of the machining industry. The class includes casting, welding, cutting, lathe, milling machine, planing machine, and digital control machining techniques etc.. The experience and knowledge gained in this course will begin to develop an appreciation of industrial design, craftsmanship, orderly procedures, safe work habits, pride in their work, integrity, proper work ethic, and an understanding of hand and power tools used in the metals shop.

-End-

课程号 (Course Number) : 00333117

课程名称 (Course Title) : 跨文化设计: 对生态负责的商业模型/Cross-Cultural Design for an Eco-Responsible Business Model

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 4

授课教师 (Faculty) : Marc LUCAS(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

在本课程中，您将学习如何分析和对eco-responsible business model对进行设计。它涉及到由世界领先的制造商提供的，在中法跨文化环境中的一个与MINES ParisTech学生的团队的合作，实现长期的环境计划削减温室气体（GHG）排放。我们将为您提供一个提高对生态负责的工业模式的机会，学习如何收集和解释温室气体的现实工程系统的科学数据，以及课堂上讲授的对比模型。你将被邀请一同参加在中国无碳厂研制一种降低能耗的现实法的计算模型。在课程结束，你将获得真实的职业体验，互动技巧来处理不同的训练学生的语言能力和文化，和一个更好的认识我们必须持续生活的脆弱的生物圈。课程期间，学生将前往宜昌的访问欧莱雅企业与组织，费用将由赞助商提供。

英文简介 (Course Description) :

In this course, you will learn how to analyze and design for an eco-responsible business model. It involves team-working with students from MINES ParisTech, France in a cross-cultural environment on a project provided by a World leading manufacturer, which seeks to implement an ambitious and long-term environmental plan to curtail Green House Gas (GHG) emissions. It offers you an opportunity to improve on an eco-responsible industrial model by learning how to collect and interpret scientific data in GHG of a realistic engineering system, in contrast to the textbook models taught in class. You will be invited to spend some time in a carbon free plant in China to develop a computational model for a realistic method of reducing energy consumption. At the end of the course you will gain real-life professional experience, interaction skills to deal with students of different training, language capabilities and cultures, and a better awareness of the fragile biosphere we all must sustainably live in.

-End-

课程号 (Course Number) : 00333127

课程名称 (Course Title) : 智能材料与结构/Smart Materials and Structures

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 3

授课教师 (Faculty) : Hani E. NAGUIB(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

智能材料是一个特点是新的和独特的属性,可以改变以响应环境的刺激。他们可以用于各种各样的应用程序,因为他们可以超越传统材料的当前能力特别是在不断变化的环境条件。本课程章节包括:结构、加工、智能材料的性质、加工和设计;机械、热、电、磁和光学系统;智能材料的例子有:形状记忆材料、电致伸缩材料和磁致伸缩材料;建模和优化的智能材料。

英文简介 (Course Description) :

Smart materials are a novel class of materials characterized by new and unique properties that can be altered in response to environmental stimuli. They can be used in a wide range of applications since they can exceed the current abilities of traditional materials especially in environments where conditions are constantly changing. Topics include: structure, processing, properties of smart materials; Processing and design; Mechanical, thermal, electrical, magnetic and optical smart materials systems; Examples are: shape memory materials, electrostrictive materials, and magnetostrictive materials; Modeling and optimization of smart materials.

-End-

课程号 (Course Number) : 00333137

课程名称 (Course Title) : 神经假体工程/Neural Prosthetic Engineering

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 3

授课教师 (Faculty) : Sung June Kim(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

本课程的目的是让学生理解“the arts development of the Neural Prosthesis”的概念。神经假体是一种电子植入与神经系统的接口。通过直接电刺激神经,它可以帮助恢复受损或遗失的感觉和运动功能。典型的例子包括耳蜗植入和视网膜植入。最近,分别开发严重听力和视力受损的病人。最近,神经元在大脑对治疗和科学目的吸引了各界的关注。在这门课中,我们将涵盖所有工程方面的听觉,视觉假体,脑深部电刺激。

英文简介 (Course Description) :

The aim of this course is to understand the principles and state-of-the arts development of the Neural Prosthesis. Neural prosthesis is an electronic implant that interfaces with nervous systems. Through direct electrical stimulation of nerves, it can help restore damaged or lost sensory or motion functions. Typical examples include cochlear implant and retina implant recently developed for severely hearing and vision impaired patients respectively. More recently interfacing with neurons in brain draws more attention for both therapeutic and scientific purposes. In this lecture we will cover all engineering aspects of the auditory, visual prostheses, and deep brain stimulation.

-End-

课程号 (Course Number) : 00333187

课程名称 (Course Title) : 语音及音频处理的理论与实践/Speech and Audio Processing: Theory

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 3

授课教师 (Faculty) : Tan LEE(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

语音毋庸置疑的最优先和自然对人类的沟通方式。语音从扬声器监听器的声信号。信号携带着丰富的信息,包括语言内容,演讲者的声音特点、健康和情绪状况,和周围的环境。语音信号有许多独特的特性,不是从自然界中发现的其他信号。在本课程的第一部分,学生将研究语音信号的数字处理的基本理论。重要的语音信号时域和频域特性。其他类型的音频信号,即音乐和噪音。本课程的第二部分将专注于所选定的几个语音和音频处理的应用,其中包括自动语音识别、音乐分类,听力和口语艾滋病。将介绍系统设计的基本原则和主要技术挑战将讨论。学生选这门课料信号与系统的基本知识,并使用MATLAB的经验。

英文简介 (Course Description) :

Speech is inarguably the most preferred and natural way of communication for humans. Speech is transmitted from a speaker to a listener in the form of an acoustic signal. The signal carries abundant information, including the linguistic content, the speaker's voice characteristic, health and emotional conditions, and the ambient environment. Speech signals have many distinctive features that are not found in other signals from the natural world. In the first part of this course, students will study the fundamental theory of digital processing of speech signals. Important time-domain and frequency-domain properties of speech signals will be investigated. Other types of audio signals, namely music and noise, will also be covered in our discussion. The second part of this course will be focused on a few selected applications of speech and audio processing, which include automatic speech recognition, music classification, hearing and speaking aids. The basic principles of system design will be introduced and the major technological challenges will be discussed. Students who take this course are expected to have fundamental knowledge in signals and systems and experience in using MATLAB.

-End-

课程号 (Course Number) : 00333390

课程名称 (Course Title) : 生物医学工程实习/Biomedical Engineering Practice

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 3

授课教师 (Faculty) : 李长辉 null

先修课程 (Prerequisites) : 高等数学、大学物理、分子与细胞生物学、解剖学

中文简介:

本课程在美国佐治亚理工大学的生物医学工程系进行。本科生在那里会进不同的实验室直接参与科研活动，同时选修一至两门相关实验类课程。课程也安排参观世界一流实验室或科研设施，和本领域著名学者直接面对面讨论和交流。

英文简介 (Course Description) :

This course is taken at Georgia Institute of Technology at Atlanta. All undergraduates will be assigned a research lab to take part

in various projects. They also will take one or two experimental courses. In the meantime, students have opportunities to visit cutting-edge research facilities, and discuss with world-famous scientists face to face.

-End-

课程号 (Course Number) : 00333547

课程名称 (Course Title) : 计算多相流/Computational Multiphase Flows

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 3

授课教师 (Faculty) : Eric CLIMENT(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

计算多相流无处不在(石油、核能工程和能源转换)以及环境。根据流态,两个流配置可以观察到:分散和颗粒两相流动,下降和泡沫或与复杂的流动和变形界面经历拓扑结构演进:断裂、聚结等数值模拟已被证明是一种有效的工具,工程师和研究人员理解和模型之间的复杂的相互作用阶段。学生将使用Matlab的项目模拟粒子悬浮流,气泡和液滴分散体系。

英文简介 (Course Description) :

Multiphase flows are ubiquitous in industry (petroleum, nuclear engineering and energy transformations) as well as in environment. Depending on the flow regime, two flow configurations can be observed: dispersed two-phase flows with particles, drops and bubbles or flows with complex and deformable interfaces experiencing topologic evolutions: rupture, coalescence, etc. The numerical simulation has proven to be an efficient tool for engineers and researchers to understand and model the complex interplay between the phases. The purpose of the lectures is to introduce numerical simulations for (i) dispersed two-phase flows and advanced topics in computational fluids mechanics, including particle suspensions, bubbly liquids and droplet sprays, and (ii) numerical methods able to deal with complex interfaces. Lectures on classic numerical approaches for solving Navier-Stokes equations will be introduced, together with their coupling with Lagrangian tracking of particles (dispersion, two-way coupling, modelling of hydrodynamic interactions) or with

one-fluid approaches as Volume of Fluid (VoF) or Level Set. Students will be trained to program some practical examples of important phenomena. Students will work on projects using Matlab to simulate particle suspension flows, bubble and droplet dispersions.

-End-

课程号 (Course Number) : 00333557

课程名称 (Course Title) : 生物信息学/Bioinformatics

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 3

授课教师 (Faculty) : Li Liao(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

生物信息学

英文简介 (Course Description) :

Bioinformatics, as its name suggests, is to use informatics/computing approaches to solve biological problems. In its short history, bioinformatics has made great progresses towards answering important, fundamental questions in biology. This course introduces basic concepts, methodologies, and tools in bioinformatics. From this course, students will learn some major computational methods and techniques, including: Dynamic programming; Pairwise and multiple sequence alignment; Phylogenetic tree reconstruction; Hidden Markov models; K-mean clustering. No prior knowledge of molecular biology is assumed; the course has a primer on molecular biology, covering some basic concepts.

-End-

课程号 (Course Number) : 00333670

课程名称 (Course Title) : 中国经济: 科技、增长与全球联系/China Economy: Technology, Growth and Global Connections

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 3

授课教师 (Faculty) : Susan Mays (校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

本课程将阐述中国在全球化氛围中自1978年以来的经济及科技发展, 将考察其在经济及社会问题上的主要趋势, 包括收入增长趋势、劳动力情况、外资投资情况、公私所有制经济情况。课程将展现中国在教育、医疗、家庭经济、环境、法律等层面所获得的进步及挑战。在所有这些话题中, 课程将考虑中国独一无二的历史文化, 并结合科技和全球化合作在发展中的地位。课程最后一星期, 学生将前往长三角地区 (包括上海) 访问一些与科技相关的企业与组织。

英文简介 (Course Description) :

The course addresses China's economic and technological development in a global context, circa 1978 to the present. It examines major trends in the economy and society, including trends in income, the workforce, trade, foreign investment, and ownership (i.e., public vs. private.) The class presents China's progress and challenges in education, healthcare, family economics, environment and law. In all these topics, the course considers China's unique history and culture while also addressing the role of technology and global partnerships. The final week includes a trip to the Shanghai region to visit tech-related organizations.

-End-

课程号 (Course Number) : 00333677

课程名称 (Course Title) : 中国经济A: 增长与全球联系/China Economy A: Growth and Global Connections

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 2

授课教师 (Faculty) : Susan Mays(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

本课程将阐述中国在全球化氛围中自1978年以来的经济及科技发展，将考察其在经济及社会问题上的主要趋势，包括收入增长趋势、劳动力情况、外资投资情况、公私所有制经济情况。课程将展现中国在教育、医疗、家庭经济、环境、法律等层面所获得的进步及挑战。在所有这些话题中，课程将考虑中国独一无二的历史文化，并结合科技和全球化合作在发展中的地位。

英文简介 (Course Description) :

This course addresses economic development in China, in global context. Through class time, case studies, and visits to organizations and companies, the course examines trends in trade, foreign investment, ownership (i.e., public vs. private), finance, the workforce, and consumption, as well as key business sectors. The class also considers challenges and opportunities in China in the areas of environment, energy, education, and healthcare. Taught by an economic historian, the course considers China's unique history, culture, and business context, as well as global partnerships and influences. The reading and case studies are by scholars, leaders in business and economics, and journalists.

-End-

课程号 (Course Number) : 00333697

课程名称 (Course Title) : 中国的过去与现状/China Past and Present

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 3

授课教师 (Faculty) : David SENA(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

本课程介绍中国社会和文化的研究，通过检验文化的统一和多样性，中华文明的历史发展的连续性和不连续性。课程以概述土地，语言以及中华民族为开章，课程的第二单元引导学生对中华文明的基本文化特征重点理解，描述现代时期追溯到史前中国历史。本课程的第三个单元，专注于当代中国社会和文化中，讲述中国变化的作用在日益交织在一起的全球环境下的当代的事态发展以及不断发展的中国经济。最后一周，学生将前往西安和洛阳历史遗迹的实地考察旅行。

英文简介 (Course Description) :

This course introduces the study of Chinese society and culture through an examination of the cultural unities and diversities, continuities and discontinuities that comprise the historical development of Chinese civilization. The course begins with an overview of the land, language, and people of China. The second unit of the course leads students through a sketch of Chinese history from the prehistorical through the modern period, with an emphasis on the development of fundamental cultural features of Chinese civilization. The third unit of the course focuses on contemporary China, examining recent developments in society and culture, the evolving Chinese economy, and China`s changing role in an increasingly intertwined global environment. The final week includes a field trip to historical sites in Xi`an and Luoyang.

-End-

课程号 (Course Number) : 00333698

课程名称 (Course Title) : 中国的过去与现状A/China Past and Present A

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 2

授课教师 (Faculty) : David SENA(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

本课程介绍中国社会和文化的研究，通过检验文化的统一和多样性，中华文明的历史发展的连续性和不连续性。课程以概述土地，语言以及中华民族为开章，课程的第二单元引导学生对中华文明的基本文化特征重点理解，描述现代时期追溯到史前中国历史。本课程的第三个单元，专注于当代中国社会和文化中，讲述中国变化的作用在日益交织在一起的全球环境下的当代的事态发展以及不断发展的中国经济。

英文简介 (Course Description) :

This course introduces the study of Chinese society and culture through an examination of the cultural unities and diversities, continuities and discontinuities that comprise the historical development of Chinese civilization. The course begins with an overview of the land, language, and people of China. The second unit of the course leads students through a sketch of Chinese history from the prehistorical through the modern period, with an emphasis on the development of fundamental cultural features of Chinese civilization. The third unit of the course focuses on contemporary China, examining recent developments in society and culture, the evolving Chinese economy, and China's changing role in an increasingly intertwined global environment.

-End-

课程号 (Course Number) : 00333737

课程名称 (Course Title) : 生物流体传质传热现象/Biotransport Phenomena

开课院系 (School/Department) : 工学院/College of Engineering

学分 (Credits) : 3

授课教师 (Faculty) : Lidan You(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

本课程介绍控制动量传输的物理因素，热量和质量，以及他们如何在生物系统中应用。学生将学习如何运用流体力学基本方程量化这些量的运输（质量守恒，Bernoulli，广义Bernoulli）和传质传热（对流扩散方程）。本课程涵盖的例子如肺部气体交换，在骨细胞间的信号传输，在心血管系统中的血流量，人体内的热交换，并在几种chemotransport体外实验系统的动量传输。学生将需要提出自己的理解和分析所做的工作，分配完成相关研究论文。

英文简介 (Course Description) :

The course introduces the physical factors governing the transport of momentum, heat and mass, and how they operate in biological systems. Students will learn how to quantify the transport of these quantities by using basic equations of fluid mechanics (mass conservation, Bernoulli, generalized Bernoulli) and of heat and mass transfer (convection-diffusion equation). The course covers examples such as gas exchange in lung, inter cellular signal transport in bone, blood flow in cardiovascular system, heat exchange in human body, and chemotransport and momentum transport in several in vitro experimental systems. Student will be assigned pertinent research papers on bio-transport and will be required to present their understanding and analysis of the work done.

-End-

课程号 (Course Number) : 00431740

课程名称 (Course Title) : 可再生能源与低碳社会/Renewable energy and low-carbon society

开课院系 (School/Department) : 物理学院/School of Physics

学分 (Credits) : 2

授课教师 (Faculty) : 肖立新 教授 Professor

先修课程 (Prerequisites) : 自然科学及人文科学的常识

中文简介:

化石能源成就了现代社会的进步,但是也给人类社会带来了很大的压力。一方面,化石能源的日益紧张对社会经济可持续发展带来了压力;另一方面,化石能源的不断消费,产生了更多的温室气体。为了寻求社会可持续发展的模式,可再生能源的发展日益成为国际社会的首选目标。从我国目前能源生产及能源消费的实际状况出发,大力发展新能源和可再生能源是我国未来的能源发展战略要求。《中国的能源状况与政策》白皮书中指出,可再生能源是中国能源优先发展的领域。为了适应我国节能减排和发展低碳经济的新形势,本课程计划通过讲授,让学生掌握我国的再生能源发展规划以及面临怎样的机遇与挑战,为什么要走低碳社会之路,国际上低碳经济的发展形势及经验,为此中国应该如何面对目前发展与减排的矛盾,以及能源结构与人口的特殊情况,以制订适合中国经济可持续发展的战略决策。本课程内容主要包括介绍我国的能源结构,全球气候变化的趋势、影响与对策,低碳经济发展的国际经验,中国实行低碳社会的发展战略及技术路线图与2020年的中期目标及2050年的长期目标,以及中国的可再生

能源发展规划及现代光学在开发可再生能源中的作用。

英文简介 (Course Description) :

The fossil energy has brought not only progresses but also a high pressure for modern society. Fossil energy, on the one hand, the increasing tension of supplying has brought a high pressure on the sustainable socio-economic development; the other hand, the continuous consumption of fossil energy has been producing more and more greenhouse gases. In order to find a model for sustainable development of the society, the development of renewable energy is increasingly becoming a choice for the international community. Considering from our current energy production and energy consumption of the actual situation, great efforts to develop new energy and renewable energy is our future energy development strategy requirements. "China`s Energy Conditions and Policies" White Paper pointed out that renewable energy is a priority to the development of China`s energy field. In order to adapt to China`s energy conservation and the development of low-carbon economy, this course will let students to master the country`s renewable energy development plan what kind of opportunities and challenges for China to face, why low carbon society we should choice, international situation and experience on the development of low carbon economic. How should China to face the contradictions of development and reducing the emissions, energy and special population structure, how to make the strategic decision for sustainable development of economy in China. The content of this course include introduction of China`s energy structure, the trend of global climate change, impacts and countermeasures, the international experience of the development of low-carbon economy, China`s development strategy and technology roadmap to implement a low-carbon society with the 2020 mid-term goals and 2050 long-term goals, as well as China`s renewable energy development planning and modern optical role in the development of renewable energy.

-End-

课程号 (Course Number) : 00432206

课程名称 (Course Title) : 量子力学专题/Advanced topics in Quantum Mechanics

开课院系 (School/Department) : 物理学院/School of Physics

学分 (Credits) : 2

授课教师 (Faculty) : B. Rosenstein(校外) 待定

先修课程 (Prerequisites) : 量子力学

中文简介:

目前, 国内现有的量子力学课程着重讲授非相对论性量子力学的基本理论和方法, 对其路径积分形式的表述和实际具体的计算方法、解决具体实际问题的应用等大多不予深入讨论、甚至根本不提及, 对于从量子力学到量子场论的过渡大多也不予讨论。该专题课程针对解决这些问题而开设, 从而帮助同学打下从量子力学的形式理论过渡到开展具体物理研究的坚实基础。

本课程主要讲授非相对论性量子力学在描述一些基本量子现象的应用 (比如能谱、量子动力学、散射理论、隧穿理论、AB效应和Berry相位等) 和量子力学中的路径积分、格林函数及其它一些基本问题的实际计算方法 (比如半经典近似、变分法、数值计算方法、一些精确可解模型、微扰的费曼图展开理论等等)。课程将采用新的理论框架 (路径积分和其相关计算技术) 来描述量子现象, 从而为同学们进一步学习量子多体理论等后续课程打下扎实的理论基础。该课程将在突出清晰的物理概念的同时, 强调具体计算技能 (包含解析和数值两方面), 并结合当前的研究实例来展开。

英文简介 (Course Description) :

The course provides a deeper understanding of general phenomena in systems that behave essentially quantum mechanically and practical introductions to methods used to describe the behavior.

The phenomena discussed include the nature of spectrum, quantum dynamics, scattering and tunneling. In addition to a survey of exactly solvable problems, a variety of approximations are introduced: from perturbation theory, semiclassical, variational to numerical simulation. General tools of the Green's functions and path integrals are also introduced and utilized.

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课程号 (Course Number) : 00432216

课程名称 (Course Title) : 量子力学 (II)/Quantum Mechanics (11)

开课院系 (School/Department) : 物理学院/School of Physics

学分 (Credits) : 2

授课教师 (Faculty) : 钱志新 副教授 Associate Professor

先修课程 (Prerequisites) : 量子力学 I

中文简介:

在量子力学 I 的基础上, 介绍He原子和多电子原子的基本理论, 主要讨论量子力学中的微扰理论和变分方法; Hartree 理论, Hartree-Fock 理论和 Thomas-Fermi理论. 双原子分子、多原子分子的转动谱和振动谱. 价键理论的基本概念. 介绍量子力学中的Feynman 路径积分方法 (以自由粒子和谐振子为例). 介绍WKB近似, Bohr 量子化条件, 势垒的隧穿. 量子力学里态的相干态描述; 介绍量子力学中的相位, 包括Aharonov-Bohm 效应的实验观察; 引力导致的量子力学相位效应; Berry 相和 Aharonov-Anandan 的介绍. 讨论量子力学中的密度矩阵理论和Wigner 函数的概念.

英文简介 (Course Description) :

This course is intended for senior undergraduate students or motivated junior undergraduate students in physics major or chemistry major who have completed the study of the one-semester course of quantum mechanics. The level is more advanced than the usual course of quantum mechanics. Several topics listed below will get discussed at a high level. The method of the perturbation theory and the variational theory in quantum mechanics will be presented at the beginning. Introductory materials to the study of the atom of helium and those with more than two electrons are then presented the next. The methods of Hartree theory, Hartree-Fock theory, and Thomas-Fermi theory are discussed; quantum mechanical many-body theory is presented but at the level of an introduction. The main topics further cover several other basics in the quantum chemistry, like the rotation and vibration of a diatom molecule and other small (and somehow simple) molecules. The path integral approach of Feynman to quantum mechanics is discussed. The course also include the subjects on the semi-classical methods such as WKB approximation; the application of them to bound states and scattering states is discussed. The final part of this course is devoted specifically to the topic on phases in quantum mechanics. After introducing the concept of phase in quantum mechanics, we discuss their effects in the Aharonov-Bohm experiments and other important experiments. On theoretical aspect, we introduce and discuss the concepts of the Berry phase and the Aharonov-Anandan phase. The theory of density matrix and the introduction to the Wigner function might also be presented in the course, though not always.

-End-

课程号 (Course Number) : 00437150

课程名称 (Course Title) : 物理学科暑期专题研讨/Selected Topics on Physics

开课院系 (School/Department) : 物理学院/School of Physics

学分 (Credits) : 3

授课教师 (Faculty) : 刘玉鑫 教授 Professor

先修课程 (Prerequisites) : 无

中文简介:

参加国际国内著名大学或研究院所举办的物理学、大气与海洋科学、天文学、核科学与技术领域的暑期学校; 授课时间超过45学时, 记3学分。

英文简介 (Course Description) :

暂无

-End-

课程号 (Course Number) : 01130910

课程名称 (Course Title) : 生物学野外实习/Field Observation of Biology

开课院系 (School/Department) : 生命科学学院/College of Life Sciences

学分 (Credits) : 1

授课教师 (Faculty) : 饶广远 教授 Professor

先修课程 (Prerequisites) :

中文简介:

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 01131180

课程名称 (Course Title) : 植物发育及分子生物学/Plant Development Molecular Biology

开课院系 (School/Department) : 生命科学学院/College of Life Sciences

学分 (Credits) : 2

授课教师 (Faculty) : 邓兴旺 教授 Professor, 瞿礼嘉 教授 Professor

先修课程 (Prerequisites) : 无

中文简介:

授课内容紧扣当今植物科学基础理论与应用领域内前沿与热点, 详细介绍植物发育生物学和分子生物学的基本概念, 以及各领域的研究工作、最新进展、经验和方法。课程内容包括: 植物细胞极性和形态建成的信号转导机制; 植物干细胞分化和调控的分子机制; 植物生长发育信号的表观遗传机制; 植物基因组分析在植物发育研究中的运用; 植物光形态建成及光信号分子转导途径。

英文简介 (Course Description) :

This summer course focuses on the basic concepts and research breakthroughs in plant biology, especially plant development and molecular biology. In addition, the instructors will introduce their own research work and their techniques in relevant fields. The courses will be divided into several parts:

1. Signaling in Cell Development
2. Stem Cell Regulation in Plant Development
3. Epigenetic Mechanisms in Signaling of Plant Development
4. Application of Plant Genome Analysis in the Study of Plant Development
5. Light Regulation of Plant Development

-End-

课程号 (Course Number) : 01131430

课程名称 (Course Title) : 高级植物分子生物学实验技术/Senior plant molecular biology experimental technique

开课院系 (School/Department) : 生命科学学院/College of Life Sciences

学分 (Credits) : 1.5

授课教师 (Faculty) : 王东辉 高级工程师 Senior Engineering

先修课程 (Prerequisites) : 面向本科生高年级和研究生，本实验课由于实验自身的连续性，所以会安排在2周内集中完成。

中文简介:

本实验课程是专为进行植物研究的学生开设的一门专业实验技术课，本实验课开设的实验均是在属于技术强度比较高的，难度比较大但在研究中会反复使用的实验，主要实验内容如下：1. 拟南芥转基因技术； 2. 石蜡切片技术； 3. 原位杂交技术； 4. 半薄切片技术。这些实验技术在植物科学研究中起着及其重要的地位和作用，本课程具有实验性强、实验技巧高之特点，对已学课程从理论上有更深的理解，提高学生的动手能力。针对学生的培养方向，本课程以培养学生掌握植物生物技术与分子生物学研究的高级实验技能为主要目标，使学生通过本课程的学习和实践，接触和掌握从事生物技术研究所必要的实验手段。

英文简介 (Course Description) :

This experiment course is designed for the students focus on plant research. The experiments are more difficult but will be repeatedly used in the plant research. The main experiment content is as follows: 1. The Arabidopsis gene transformation technology; 2. Paraffin section technique; 3. In situ hybridization; 4. Semi thin section technology. This professional talent training plays an extremely important position and role in improving students` practical ability.

In view of the direction of the cultivation of the students, this course is to train students to master molecular biotechnology and advanced experimental skills as the main target. Through limited laboratory practice to help students master the plant biotechnology.

-End-

课程号 (Course Number) : 01137021

课程名称 (Course Title) : 人类遗传学: 连锁分析及疾病遗传学/Human genetics: linkage analysis and disease genetics

开课院系 (School/Department) : 生命科学学院/College of Life Sciences

学分 (Credits) : 2

授课教师 (Faculty) : 魏丽萍 教授 Professor

先修课程 (Prerequisites) : 无

中文简介:

课程内容中文简介 (请务必填写)

人类遗传学是专门探讨研究人类性状和疾病遗传和基因变异规律的一门科学。本课程旨在系统介绍人类遗传学所涉及的概念及研究方法和实际应用, 着重介绍连锁分析的原理及计算方法, 以及如何寻找疾病的致病基因和突变。本课程还将介绍如何从新一代高通量测序中分析复杂疾病相关变异。

当前, 随着高通量测序技术的发展和广泛应用, 寻找单基因遗传病的致病基因以及寻找复杂疾病的易感基因与基因突变, 已成为遗传学研究的前沿和热点问题。本课程将邀请在该领域有重要影响的国外著名遗传学家进行授课, 在讲授遗传学方法和原理的同时, 介绍他们自己开发的方法, 以及他们如何利用这些方法成功寻找到疾病相关基因和变异。从而使选课学生在学到遗传学的基本概念和方法的同时, 更学习到如何将它们应用于前沿问题的研究之中。

本课程要求选课同学积极参与讨论与实践。每节课程将提供真实数据, 要求同学利用当节课程所学方法在计算机上进行实际分析, 并对分析结果展开讨论。

英文简介 (Course Description) :

Human genetics is a discipline that studies the inheritance of human traits and diseases and their relationship with genomic variations. This course is to introduce the concepts and methods involved in human genetics and their applications. This course will introduce the methods and theory used in linkage analysis and how to utilize these methods and tools to discover genetic basis underlying human diseases. This course will also talk about how to find genes and mutations involved in human complex disorders from high throughput

sequencing data.

With the rapid development of next-generation sequencing technology and its wide application, it has been an advanced and hot topic to find the causal genes of Mendelian disorders and genes and mutations involved in complex diseases. Several famous geneticist from overseas, who have made great contributions to this field, will be invited in this course. They will talk about the novel methods developed by their own and demonstrate how these methods could be employed to find the genetic basis of human disease. The students will not only learn the basic concepts and methods in human genetics, they will also know how to apply these methods into their research. This course requires students to discuss and practice actively. Real data will be provided to each students in each lesson. Students should analysis these data with methods learned and discuss the results with classmates.

-End-

课程号 (Course Number) : 01139700

课程名称 (Course Title) : 癌发生的分子和细胞学机制/Biology of Cancer

开课院系 (School/Department) : 生命科学学院/College of Life Sciences

学分 (Credits) : 2

授课教师 (Faculty) : 张文霞 副教授 Associate Professor, 赖志春(校外) 待定

先修课程 (Prerequisites) :

中文简介:

本课程定位于阐明癌症形成的过程和讨论用分子遗传学的方法揭示癌变发生的分子和细胞机制, 这一研究将有助和推动癌症的预防、诊断和治疗。本课程力图使学生对癌生物学的进展和如何开展这一领域的研究获得基本的了解。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 01231420

课程名称 (Course Title) : 综合地质实习/Excursion for Integrative Geology

开课院系 (School/Department) : 地球与空间科学学院/School of Earth and Space Sciences

学分 (Credits) : 2

授课教师 (Faculty) : 魏春景 教授 Professor, 张进江 教授 Professor, 孙元林 教授 Professor

先修课程 (Prerequisites) :

中文简介:

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 01231440

课程名称 (Course Title) : 区域地质实习/Excursion for Regional Geology

开课院系 (School/Department) : 地球与空间科学学院/School of Earth and Space Sciences

学分 (Credits) : 2

授课教师 (Faculty) : 季建清 副教授 Associate Professor

先修课程 (Prerequisites) : (1) 地球科学导论; (2) 地质学原理; (3) 矿物学、岩石学 (结晶岩石学、沉积地质学); (4) 构造地质学 (structural geology); (5) 第四纪地质与地貌学。

中文简介:

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 01231640

课程名称 (Course Title) : 普通地质实习A/Introduction to Field Geology

开课院系 (School/Department) : 地球与空间科学学院/School of Earth and Space Sciences

学分 (Credits) : 2

授课教师 (Faculty) : 张志诚 副教授 Associate Professor

先修课程 (Prerequisites) : 《地球科学概论 (二)》

中文简介:

本次野外教学实习对地球与空间科学学院地质和地球化学专业一年级学生来说是一次地质启蒙教育，是一次重要的认识实习，重点强调地质基本概念、基本知识和基本技能训练。通过短期的野外实践使同学们对地质学研究的主要内容和特点有一个比较全面的、概括的了解；通过野外实习来巩固《地球科学概论》地质学部分的课堂教学内容，来加深对课程有关内容的理解；在实习中学习象地质点定点和描述，罗盘和地形图的使用等地质工作最基本的野外工作方法；认识基本的地质体和地质现象、学会描述这些地质体和地质现象、分析它们形成的地质作用过程、综合分析北京地区的地质作用过程、了解北京地区地质演化历史、编制简单的实习报告。通过实习培养同学们对大自然的热爱，陶冶情操，提高对地质科学研究的兴趣；同时使同学们充分认识到地质实践对于地质科学的重要性。

英文简介 (Course Description) :

Introduction to Field Geology is the basic experience in many undergraduate geology programs, and is recommended for freshmen of the

School of Earth and Space Sciences, Peking University. It is usually taken in the summer following the freshmen year, after completion of An Outline of Earth Sciences. In this course, you will have the opportunity make an all-important transition from classroom theory to real-world understanding. You will begin to be able to acquire an understanding of the fundamentals of the science of geology by learning it and doing it, to evaluate how field data are used to construct the knowledge we have about the Earth and its long geologic history. This course is designed to acquaint you with generic field skills used in geology and related fields and apply these fundamental principles, which can be used in a wide variety of applications. You will learn how to develop skills in surveying and measurement, use outcrop observations and measurements to deduce regional interpretations, produce professional-quality geological stratigraphic sections, interpret geologic history from rock descriptions, geologic relationships, and measured sections, identify common rocks and minerals, read maps, recognize identify landforms, and geological processes and structures. Now that you can combine all of your knowledge and skills to investigate and interpret the geology of the West Hill of Beijing based on your own observations, and write a summary report interpreting the geologic history and significance of the area. You can gain additional life skills, including critical-thinking, problem-solving, team-work, scientific writing, and professionalism. You may be get an appreciation for the complexity and beauty of the Earth as well as the human impact on her processes during the field practice. You will find your study of the science of geology to be stimulating and rewarding, fully understand the importance of geological field trips of Earth Sciences.

-End-

课程号 (Course Number) : 01233170

课程名称 (Course Title) : 地震概论/Introduction to Seismology

开课院系 (School/Department) : 地球与空间科学学院/School of Earth and Space Sciences

学分 (Credits) : 2

授课教师 (Faculty) : 赵克常 讲师 Lecturer

先修课程 (Prerequisites) : 无

中文简介:

本课程是为全校学生开设的素质教育通识课程, 具有典型的自然科学课程的特征。它简明扼要地介绍了地震学的基本概念以及研究的方法, 内容包

括地震学史、地震仪原理与地震图、地震波的传播理论、地球内部结构、勘探地震学、地震预报、临震措施和地震学最新进展。通过本课程的学习，提升学生的自然科学的素质，增强学生的抗震减灾意识以及提升学生的临震逃生能力。

英文简介 (Course Description) :

As a general education course aimed at all the students at the campus for promoting quality-oriented education, Introduction to Seismology is characterized by its typical natural science features. The course provides a brief introduction to basic concepts and research methods of seismology, which covers Seismology history, seismograph principles and seismogram, seismic waves propagation theories, interior Earth structure, exploration seismology, earthquake prediction, imminent earthquake measures and recent advances in seismology. This course enables the students to promote their quality of natural science, enhance their awareness of earthquake resistance and disaster mitigation and improve their skills for imminent earthquake escape.

-End-

课程号 (Course Number) : 01233380

课程名称 (Course Title) : 地震学野外实习/Field training on Seismology

开课院系 (School/Department) : 地球与空间科学学院/School of Earth and Space Sciences

学分 (Credits) : 2

授课教师 (Faculty) : 周仕勇 教授 Professor

先修课程 (Prerequisites) :

中文简介:

地球物理学是一门建立在观测资料基础上，通过对大量观测资料的分析，发现新的现象、产生新的理论，从而不断发展的学科。本课程的目的是：学生通过野外观测与资料处理的实习，加深对理论知识的理解，另一方面培养学生开展野外科研工作及获取资料、解释资料的能力，为其进一步在地球物理学及相关领域开展实际科研工作奠定基础。主要内容包括：地震观测台阵的设计及野外临时地震台的建立；野外数字地震观测资料的收集及初步处理；野外大震现场考察及发震构造、震源机制的现场分析。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 01235260

课程名称 (Course Title) : 3S野外综合实习/Practice on RS, GIS and GPS

开课院系 (School/Department) : 地球与空间科学学院/School of Earth and Space Sciences

学分 (Credits) : 1

授课教师 (Faculty) : 田原 副教授 Associate Professor

先修课程 (Prerequisites) : 《地理信息系统概论》；《遥感概论》；《地球科学导论》

中文简介:

通过在典型区域的野外综合实习，使学生了解3S综合实践应用的基本方法，培养学生的实际动手能力，帮助其深入理解和掌握所学的理论知识：

走出校门，置身于大自然之中，实地验证课堂上所学的地图学、自然地理基础知识和3S基本理论的过程。

将遥感、地理信息系统和全球定位系统所学的各种方法和理论应用于实际工作中，加深对基本理论知识的理解。

掌握自然地理野外调查的基本技能，培养和锻炼学生的动手和独立工作能力。

掌握综合利用遥感、地理信息系统和全球定位系统进行区域野外调查和专题遥感解译工作的基本方法和技术。

英文简介 (Course Description) :

This mandatory class provides an integral field practice on GIS, RS, and GPS. The main contents of this class are data acquisition, route planning, field exploration, RS image interpretation, GPS navigation, and land survey. The students are required to comprehensively apply what they have learnt in GIS, RS, and GPS classes in practice to fulfill all the tasks, which will improve their understandings and application abilities of the basic knowledge.

-End-

课程号 (Course Number) : 01430870

课程名称 (Course Title) : 普通地质实习/Physical Geology Field Trip

开课院系 (School/Department) : 地球与空间科学学院/School of Earth and Space Sciences

学分 (Credits) : 1

授课教师 (Faculty) : 黄宝春 教授 Professor

先修课程 (Prerequisites) : 该课程为《地球科学概论（二）》的后续课程，是为加深对课程有关内容的理解而设立的实践性的教学内容，因此若参与本课程的学习，必须先完成《地球科学概论》的学习。

中文简介:

以现代地质学理论为指导，以北京地区地质为基础，紧紧围绕《普通地质学》、《地球科学概论》课程内容，通过典型的野外地质现象介绍和认识，巩固普通地质学的课堂教学内容，加深对课程有关内容的理解，进行野外基本技能的训练，培养观察地质现象的能力，为后继专业课打下一下的基础。

本课程对地球与空间科学学院一年级学生来说是一次地质启蒙教育，是一次重要的认识实习，强调地质基本概念、基本知识和基本技能训练。在实习中学习象地质点定点和描述，罗盘和地形图的使用等地质工作最基本的野外工作方法；认识实习中所见到的有代表性的三大岩类，并学会区别它们；认识基本的地质现象，如地层、褶皱、断裂等；初步建立实习中观察过的地层发育顺序及其特点；学会利用归纳、分析的方法，初步建立地质思维模式，根据观察到的各种地质现象编制简单的实习报告。通过实习培养同学们对大自然的热爱，陶冶情操，提高对地质科学研究的兴趣；同时使同学们充分认识到地质实践对于地质科学的重要性。

英文简介 (Course Description) :

This course is a geologic elementary education for the first year students of School of Earth and Space Sciences. Physical geology field trip is a unique summer school course that will provide students with a real field experience in Beijing. In the field, the basic geological concepts, basic knowledge of geology, and basic skill method will be emphasized. The course is divided into five major parts: (1) understanding of basic concepts and theories associated with Geology, studying how to use the most commonly field equipment and holding necessary skills for the collection of geological data; (2) Identifying and describing the igneous, sedimentary,

and metamorphic rocks present in the outcrop in your field notes; (3) Measuring any rock structures or fabrics, including bedding, foliation, fault surfaces, fold hinges, etc., and record those measurements in your notebook; (4) Measurement of stratigraphic sections; (5) a brief report on the essentials for writing and illustrating based on observations and measurements in the field.

Geological fieldwork can be both fun and challenging. It provides the chance to work outdoors under a range of conditions and to explore our natural world. Working in the field contributes a crucial element to our knowledge and understanding of Earth processes. It is important to continuously think about the meaning of the rock relationships that you are seeing, because this will guide what you should do next and where to find it.

-End-

课程号 (Course Number) : 01431440

课程名称 (Course Title) : 珠宝鉴赏与珠宝文化/Jewelry Appreciation and Jewelry Culture

开课院系 (School/Department) : 地球与空间科学学院/School of Earth and Space Sciences

学分 (Credits) : 2

授课教师 (Faculty) : 崔文元 教授 Professor, 王时麒 教授 Professor, 王长秋 副教授 Associate Professor

先修课程 (Prerequisites) : 无

中文简介:

珠宝玉石是大自然数百万年孕育并奉献给人类的宝贵精华,是人类认识自然的重要对象之一。本课程利用多媒体等现代教学手段,通过对珠宝玉石主要品种的基本特点、评价鉴别、美学欣赏以及我国玉器发展和玉雕艺术的讲授、讨论,使学生们掌握、了解珠宝玉石的基本概念、主要种类、加工工艺、评价鉴别方法、美学赏析,熟悉古玉器在中国历史文化中的地位、各个历史时期玉器制作的风格、工艺特点及其与历史背景和生产力的关系,了解我国玉雕艺术的特点和现代珠宝文化。

本课程由王长秋博士,崔文元教授,王时麒教授三位老师讲授。

英文简介 (Course Description) :

As a precious essence born in nature for millions of years, jewelry is one of important objects in understanding of human to nature.

In this course, using modern teaching means, basic characteristics of main varieties, identification and evaluation, aesthetic appreciation of jewelry and the development of Chinese jade and jade carving art will be taught and discussed, in order to enable students to acquire the basic concepts of jewelry, main gem varieties, processing technology, identification and evaluation methods, aesthetic appreciation, and to understand the historical and cultural position of Chinese ancient jade, style and process characteristics of jade production during each historical period and their relationships to the historical background and the level of development of productive forces, and to know the features of Chinese jade carving art and modern jewelry culture.

-End-

课程号 (Course Number) : 01533240

课程名称 (Course Title) : 人文地理专业实习/Practice of Human Geography

开课院系 (School/Department) : 城市与环境学院/College of Urban and Environmental Sciences

学分 (Credits) : 1

授课教师 (Faculty) : 陈彦光 副教授 Associate Professor, 冯健 副教授 Associate Professor

先修课程 (Prerequisites) : 无

中文简介:

采用国际通行的办学理念, 积极推进理论与实践相结合的教育模式。根据人文地理学的教学特点, 训练学生按照“选题→调查→分析→成果”的逻辑思路, 应用所学专业知识, 对实际问题进行系统而全面的研究。通过野外实习, 锻炼学生的野外信息收集能力、实习线路设计能力、野外数据采集仪器使用能力和野外信息初步处理能力等, 最终形成区域综合分析能力。

英文简介 (Course Description) :

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-End-

课程号 (Course Number) : 01533290

课程名称 (Course Title) : 美术实习/Fine Arts Practice (Field Sketching)

开课院系 (School/Department) : 城市与环境学院/College of Urban and Environmental Sciences

学分 (Credits) : 1

授课教师 (Faculty) : 沈文权 讲师 Lecturer

先修课程 (Prerequisites) : 美术与制图 (Drawing and Drafting)

中文简介:

美术实习是城市规划专业本科生必修环节,是《美术与制图》课程的延续和深化,目的在于培养城市规划专业学生认识和表现城市空间的能力,提高造型艺术修养,锻炼手绘技能。实习内容以城市建筑和风景园林写生为主,兼顾设计色彩的学习。

课程主要分三部分:一是建筑素描,为期五天。素描对象选取大学校园内的历史建筑、现代建筑、风景园林和建筑小品;二是城市与风景速写,写生对象更为多样化,选取历史遗址、现代广场建筑、城市历史街区等,为期四天;三是设计色彩练习,使用计算机辅助学习,为期一天。所有实习地点均在北京市城区和近郊。

英文简介 (Course Description) :

“Fine Arts Practice (Field Sketching)” is the compulsory course for urban planning undergraduate students. It is a continuation and extension of the course “Drawing and Drafting” for the same intentions. One intention is to improve students` ability of observation and analysis of spatial form, and enhance their artistic attainment; and another is to develop the skills of performance of space form, learn the graphical language representing the spatial form accurately. In addition, freehand techniques and basic chromatics are required.

The course consists of three parts: The first part takes five days for building sketch, Historic buildings, modern architecture, landscape architecture and architectural pieces in campus are selected; the second part takes four days for urban landscape quick-sketches, Sketch objects are more diversified, including palace historic site, the construction of the modern plaza, historic district, etc.; The third part takes one day for computer-aided color design practice. All sketching sites are chosen in Beijing city.

-End-

课程号 (Course Number) : 01533300

课程名称 (Course Title) : 城乡地域空间认知实习/Regional Science: Practice of Theories and Models

开课院系 (School/Department) : 城市与环境学院/College of Urban and Environmental Sciences

学分 (Credits) : 1

授课教师 (Faculty) : 阴劼 讲师 Lecturer

先修课程 (Prerequisites) : 无

中文简介:

城乡地域空间认知实习是五年制城市规划专业本科教学的必要环节, 是专业评估考察的内容。

本实习选取京津冀都市圈作为基地。在启动阶段, 以天津市区及滨海新区、北京市、唐山市为主要基地开始系统性的实习教学。在条件成熟时, 逐步扩展至石家庄、承德、张家口等城市, 形成以京津唐为核心的京津冀都市圈实习基地。

(1) 以京津冀都市圈为教学实习基地, 能够充分体现“坚持以地理学为基础的、理工结合的规划教学科研体系”的城市规划专业办学特色, 发挥我系在中国城市化、区域研究与规划、创新空间与创新群体、经济地理等城市规划领域的长项研究, 通过连续的教学实习, 可以达到教学相长的效果。

(2) 京津冀环渤海城市群是中国目前已形成三大城市群之一, 天津滨海新区作为全国综合配套改革试验区, 起着探索新的区域发展模式、为全国发展改革提供经验和示范的作用。以此区域作为实习基地, 有利于学生了解我国城市化进程中的最前沿问题。

(3) 京津冀都市圈内的城市, 在性质、规模、产业、历史、文化等方面各有特点, 利于根据教学任务的调整组织实习路线。

(4) 京津冀都市圈以北京为中心, 远近适宜, 交通发达, 利于实习的开展。

近年来, 我院的城市与区域规划系及城市与经济地理学系等承担了天津大港城市总体规划、土地利用总体规划等工作, 也承担了京津冀都市圈其它城市的多项规划研究项目(如: 北京市土地利用总体规划、河北迁安城乡一体化规划等)。同时, 北京大学与天津签署了积极参与服务天津滨海新区建设的备忘录, 为滨海新区的开发开放和可持续发展提供科技和智力支撑, 使京津冀都市圈作为我院的实习基地有着良好的基础与前景。

我系已经与天津市规划院、天津经济技术开发区(泰达)就共建教学实习基地达成合作意向。

英文简介 (Course Description) :

N/A

-End-

课程号 (Course Number) : 01535130

课程名称 (Course Title) : 野外生态学/Field Ecology

开课院系 (School/Department) : 城市与环境学院/College of Urban and Environmental Sciences

学分 (Credits) : 2

授课教师 (Faculty) : 刘鸿雁 教授 Professor

先修课程 (Prerequisites) : 植物学 (下)

土壤学

生态学 (II)

中文简介:

野外生态学生态学专业必修的野外实习课程，本课程以河北坝上北京大学生态系统观测站为基地，沿几个重要的地理因子（气候、植被、土壤）的梯度设计了多条线路，旨在通过讲授和实习相结合，培养学生观察野外生态现象，掌握野外调查方法以及提出科学问题的能力

在实习中，学生通过对八条实习路线上的不同地理、植被、土壤格局的观察和相关数据的获取，深入认识格局的特征及内在机制，提出科学问题和假说，并在条件允许的情况下对这些问题和假说进行回答和验证。在获取的数据的基础上，综合分析实习区的地理和生态现象。在这一过程中，学生需要综合运用知识和数据，对具有地区特色的问题进行思考和分析，并选择合适的题目撰写论文。

英文简介 (Course Description) :

Field Ecology is designated to train students the skills of observing, measuring and recording ecological phenomena, and the ability of putting forward scientific questions. It is obligatory for students majoring in Ecology. The field course is based on the Peking University Saihanba Ecological Observatory in Hebei Province. Eight field routes are designed to following the gradients of four main determinants in this region: climate, vegetation, soil and human disturbance.

The students are required to record vegetation, soil data along the eight routes in groups, leading by the teacher and teaching assistants.

The field data are integrated for testing the hypothesis put forward in the field observations. Each student has to submit a final report in the form of academic paper with part of the field data and their knowledges in ecology.

-End-

课程号 (Course Number) : 01537530

课程名称 (Course Title) : 普通地质实习/Field Practice of Physical Geology

开课院系 (School/Department) : 城市与环境学院/College of Urban and Environmental Sciences

学分 (Credits) : 1

授课教师 (Faculty) : 刘耕年 教授 Professor

先修课程 (Prerequisites) : 地球概论

中文简介:

地球概论野外实习课是为环境学院本科生和研究生开设的野外实习课。要求选修本课程的学生上个学年（近期）选修过“地球概论”或“普通地质学”。“地球概论”课是为北京大学地理、环境等非地质专业本科生开设的有关地球科学，特别是关于地壳的组成、构造和演化知识的基础课，课程由三部分核心内容构成：（一）地壳的物质组成，讲述矿物和岩石学基本内容，认识重要的常见矿物和岩石；（二）地壳的地质构造，介绍有关地质构造和大地构造的基本知识，重点学习褶皱构造、断层构造，以及板块构造学说；（三）地壳演化简史。

英文简介 (Course Description) :

Field practice of Earth Sciences

-End-

课程号 (Course Number) : 01539200

课程名称 (Course Title) : 植物土壤实习/Field Course of Plant and Soil Geography

开课院系 (School/Department) : 城市与环境学院/College of Urban and Environmental Sciences

学分 (Credits) : 2

授课教师 (Faculty) : 刘鸿雁 教授 Professor

先修课程 (Prerequisites) : 植物学 (下)

土壤学

中文简介:

本课程是地理科学专业必修实习课程，与生态学专业的野外生态学同时进行。课程以河北坝上北京大学生态系统观测站为基地，沿几个重要的地理因子（气候、植被、土壤）的梯度设计了多条线路，旨在通过讲授和实习相结合，培养学生观察野外植物地理和土壤地理现象，掌握野外调查方法以及提出科学问题的能力

在实习中，学生通过对八条实习路线上的不同地理、植被、土壤格局的观察和相关数据的获取，深入认识格局的特征及内在机制，提出科学问题和假说，并在条件允许的情况下对这些问题和假说进行回答和验证。在获取的数据的基础上，综合分析实习区的地理和生态现象。在这一过程中，学生需要综合运用知识和数据，对具有地区特色的问题进行思考和分析，并选择合适的题目撰写论文。

英文简介 (Course Description) :

Field Course of Plant and Soil Geography is combined with the course Field Ecology. It is designated to train students the skills of observing, measuring and recording vegetation and soil geographical phenomena, and the ability of putting forward scientific questions. It is obligatory for students majoring in Geographical Science. The field course is based on the Peking University Saihanba Ecological Observatory in Hebei Province. Eight field routes are designed to following the gradients of four main determinants in this region: climate, vegetation, soil and human disturbance.

The students are required to record vegetation, soil data along the eight routes in groups, leading by the teacher and teaching assistants. The field data are integrated for testing the hypothesis put forward in the field observations. Each student has to submit a final report in the form of academic paper with part of the field data and their knowledges in ecology.

-End-

课程号 (Course Number) : 01539340

课程名称 (Course Title) : 地貌实习/Field Practice of Geomorphology

开课院系 (School/Department) : 城市与环境学院/College of Urban and Environmental Sciences

学分 (Credits) : 2

授课教师 (Faculty) : 莫多闻 教授 Professor

先修课程 (Prerequisites) : 地貌学

中文简介:

实习地区主要包括山西大同盆地、河北秦皇岛地区。大同盆地是我国地貌类型丰富（包括山地、平原、河流、火山、冲积扇、各种黄土地貌和新构造活动形迹及地貌，丰富的新生代沉积类型和良好的露头剖面）、丰富的历史人文景观，同时是我国重要的能源化工基地而又地处我国的生态脆弱地带，具有长期的地貌学研究历史和良好的研究基础，因而是我国最理想的地貌学教学实习地区。秦皇岛地区拥有十分齐全和典型的海岸地貌组合以及典型的滨海平原和具有特色的基岩山地地貌，而且是我国十分重要的港口城市 and 最重要的海滨旅游城市。两个地区包括了属于地貌学研究对象的大部分地貌类型和地貌过程。通过本次实习课程的学习，学生在教师指导下，系统学习和掌握地貌学野外研究的基本方法。包括如何围绕研究目的，收集和相关文献，制定野外考察和研究方案；针对各种宏观和微观的地貌现象，如何观察、测量、分析、研究、描述和记录；资料整理、分析研究、图表绘制、研究报告撰写等。通过实习，还可以对自然地理、经济地理、历史与人文地理、风景旅游、资源开发与环境保护等问题获得较多的感性认识。

英文简介 (Course Description) :

The areas for the field training included Datong Basin in Shanxi Province and Qinhuangdao City in Hebei Province. In Datong Basin there are many types of landforms such as maintains, plain, rivers, alluvial fans, and different types of typical loess landforms. There are also lots of phenomena of neotectonic movements and neoteconic landforms, such as fault scarps, fault grabens or horsts, volcano cones, basaltic lava platforms or ridges. And there are also many different types of Cenozoic sediments and many good geologic outcrop sections. There are also very rich in historic and cultural scenic spots. The region is one of the most important energy sources and chemical industry of China though it is an ecologically fragile region. The region of Qinhuangdao City is a coastal region, which included almost all types of coastal landforms, typical coastal plain and unusual beautiful mountains. Qinhuangdao City is one of

the most important tourist city as well as a famous historical cultural city and an important modern seaport. The two regions included most types of landforms and geomorphologic processes and evolutionary history. There is a long history of geomorphological and Quaternary and geographical research on the regions. So the regions are very idea for field training in geomorphology.

In the training course the students will systematically learn the field research methods of geomorphology, which include how to collect relevant literature materials, maps and other information, draw up a plan for the field investigation and research program, how to observe, measure, analyze, research, descript and to record the results, how to analyze the materials, draw maps and diagrams, and to write the research report of the regions based on the research purpose and under the guidance of teachers. From the training course the students can also get some perceptual knowledge of physical geography, economic geography, historical and cultural geography, scenery and tourist geography, resource exploitation, environmental and ecological sciences.

-End-

课程号 (Course Number) : 01610226

课程名称 (Course Title) : 意识的脑机制/Brain Mechanisms Underlying Consciousness

开课院系 (School/Department) : 心理学系/Department of Psychology

学分 (Credits) : 2

授课教师 (Faculty) : 李量 教授 Professor

先修课程 (Prerequisites) : 生理心理学; 普通心理学、神经解剖

中文简介:

人类的科学发展已进入新的里程碑时代,而对意识脑机制的认识也正面临着新的突破。伴随这一突破,对各种脑功能缺失和精神障碍的认识也将达到新的高度。本课程将通过文献阅读、课堂讲解和讨论、以及论文撰写的形式,针对意识的脑机制研究中的十个核心问题进行讨论,以推动对意识的思考。对选修本课程同学的评估分三个部分:(1)对所分配文章的讲解和问题回答;(2)在课堂上问题讨论活动中的参与;(3)根据自己的兴趣所选写的期末论文。

英文简介 (Course Description) :

Science is reaching the beginning of a new era, and human understanding of the neural mechanisms underlying consciousness is rising to the threshold of a new breakthrough. Meanwhile, studies of various brain dysfunctions and mental disorders are getting deeper. This course will include literature reading, lectures, seminars and essays to introduce the recently developed knowledge of neural mechanisms of consciousness, which includes 1) the basic study of consciousness; 2) the comprehensive studies of some brain dysfunctions and mental disorders and searching for new clinical treatments; 3) the new brain activity measurement techniques, data analysis methods, and theoretical simulation models; and 4) the contribution to the development of philosophy. The evaluation of this course is based on 1) the literature reading and Q & A, 2) activity in class discussion, and 3) the final essay.

-End-

课程号 (Course Number) : 01630081

课程名称 (Course Title) : 健康人格心理学/Psychology of Healthy Personality

开课院系 (School/Department) : 心理学系/Department of Psychology

学分 (Credits) : 2

授课教师 (Faculty) : 杨眉(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

健康人格心理学是一门研究健康人格基本特点以及发展、变化的规律的科普性质的学科。本课以发掘学生的潜能和提升学生的生活质量和幸福感为目标。

本课是在人格心理学与临床心理学等相关学科的基础上发展出来的,通过对健康人格发展规律的经典理论的介绍,帮助学生了解自身的个性特点及其发展规律。使学生在自我认识与自我接纳的基础上更全面地认识与接纳他人。

英文简介 (Course Description) :

Healthy Personality Psychology is a positivity-oriented study to research the nature and characteristics of healthy personality. This course is aiming to provide a better understanding of core concepts in the field, fulfill the students' potential and improve their

sense of happiness and life quality.

This course is designed on the basis of personality psychology, clinical psychology and other related disciplines. It extracts 14 models of healthy personality from theories of 14 influential psychologists including Freud, each to be delivered from 3 aspects: the psychologist's biography, his conception of healthy personality and method to achieve that. With these efforts the lecturer is intended to help the students recognize their own personality and its development, actualize their best through self-awareness and self-acceptance, and at the same time learn to create and share a better life with others.

Course Philosophy: Psychology must contribute to the students' healthy growth and potential-realization. Psychology must contribute to students' life quality and sense of happiness. Psychology must contribute to the students' actualization of their best Self!

Course Model: Introduction of Healthy personality model + Training for core personal traits + Mobilization of students' self-awareness and self-education.

Course Hours: 32

-End-

课程号 (Course Number) : 01630670

课程名称 (Course Title) : 听视觉言语加工整合及其脑机制/Audiovisual speech processing

开课院系 (School/Department) : 心理学系/Department of Psychology

学分 (Credits) : 2

授课教师 (Faculty) : 李量 教授 Professor

先修课程 (Prerequisites) : 心理学、神经科学、信息科学的任何课程

中文简介:

人类的各种感觉系统之间有复杂而密切的整合。听觉系统和视觉系统在言语加工过程中也有密切的功能整合。本课程将系统地讨论这两个认知加工系统在言语加工过程中的功能联系以及相应的机制。共分为三个主要部分：（1）第一部分讲述听觉和视觉的言语加工是如何整合起来的；（2）第二部分集中讨论听觉视觉言语整合的脑机制；（3）第三部分介绍听、视整合在言语产生过程中的作用；（4）第四部分讨论听、视言语整合的机器加工。对选修本课程同学的评估分三个部分：（1）对所分配文章的讲解和问题回答；（2）在课堂上问题讨论活动中的参与；（3）根据自己的兴趣所选写的期末论文。

英文简介 (Course Description) :

In humans there are tight relationships between various sensory modalities. The auditory system and the visual system functionally integrate in speech processing. This course will explain how these two systems are involved in speech processing together. There are three major issues delivered by this course: (1) The first part of is largely devoted to audiovisual (AV) speech perception and to two main questions concerning human AV performance: how and where (in the brain) auditory (A) and visual (V) signals combine to access the mental lexicon; (2) the second part of the book is dedicated to neural mechanism underlying AV speech processing; (3) the third part presents the neural mechanisms underlying AV speech processing; (4) the fourth part discusses some of the latest developments in AV speech processing by machines, particularly in AV speech recognition and synthesis. The evaluation of this course is based on (1) the literature reading and Q & A, (2) activity in class discussion, and (3) the final essay.

-End-

课程号 (Course Number) : 01630692

课程名称 (Course Title) : 电影与心理/Film and psychology

开课院系 (School/Department) : 心理学系/Department of Psychology

学分 (Credits) : 2

授课教师 (Faculty) : 易春丽 讲师 Lecturer

先修课程 (Prerequisites) : 无

中文简介:

电影与心理——家庭治疗与儿童养育

家庭治疗作为心理治疗体系中的一个重要分支，已经越来越受到重视。家庭治疗主要是针对整个家庭来工作，通过改变整个家庭互动的模式，从而使个体的生活环境得到有力的改善，并且能够有效的促进个人的成长。家庭治疗不仅可以应用于治疗心理疾病，也可以作为通识课程让学生了解健康的家庭是如何运作，良好的养育对儿童成长的重要作用。

儿童抚养离不开家庭的力量，而父母的心理健康水平直接影响儿童的抚养质量，以家庭治疗的理论为指导，对于父母的养育态度和养育方式剖析，利用影视以及纪录片等为媒介，可以让学生更好地自己早年的成长经历对现在的影响，以及未来养育自己的孩子做准备，同时也欢迎父母参与我们的课程，以家庭治疗为蓝本学习更好的养育孩子的方式。

家庭治疗的课程内容包括：家庭治疗的概述，家庭治疗的发展历程，家庭治疗的主要三大流派：系统家庭治疗、结构家庭治疗、人本家庭治疗的基本理论，以及如何将这些理论用于儿童养育等。

英文简介 (Course Description) :

Film and Psychology——Family Therapy and Parenting

Family therapy being an important branch of psychotherapy is starting to gain more and more attention. It focuses on the whole family, and by adjusting the interaction patterns within the family, improves the individual's life and effectively promotes the growth of the individual. Family therapy is not just for the application of treating psychological disorders, but can also be seen as an informative course for students to learn about how a healthy family functions, and promote the important role of good parenting on children's growth.

The power of the family is crucial in raising a child, and the psychological wellbeing of the parents directly influence the quality of care the child receives. Using theories from family therapy as a frame of reference, this course will analyze the attitudes towards and styles of parenting. Movies, documentaries, etc., will be used to aid the students' understanding of how his/her own earlier life experience influences who he/she is now, and to prepare for future formation of his/her own family. We also welcome parents to come join our class, and gain a better knowledge of how to better raise their children through the framework of family therapy.

Family therapy course is broken down into the following parts: overview of family therapy, the history of family therapy, the basic

theory of the three main schools of family therapy (Systemic family therapy, Structural family therapy, and Existential family therapy), and how to apply these theories to child rearing, etc..

-End-

课程号 (Course Number) : 01630693

课程名称 (Course Title) : 用户体验研究与实践/User Experience Research and Practice

开课院系 (School/Department) : 心理学系/Department of Psychology

学分 (Credits) : 1

授课教师 (Faculty) : 何吉波(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

用户体验研究使用心理学, 设计和计算机科学的方法, 致力于改进产品, 提高用户满意度, 降低用户错误, 提高人机功效。用户体验研究是工程心理学和人机交互应用于社会实践的重要方向。用户体验研究是产品成功的重要因素。因此, 许多高科技公司和其它产品公司都有用户体验研究员和设计师的职位, 比如百度, 阿里巴巴, 腾讯等。许多毕业于心理学系, 社会学系, 设计系和计算机科学系的学生从事用户体验, 产品设计和产品经理的工作。

《用户体验研究与实践》, 将向您讲解1. 常用的用户体验研究方法, 如焦点访谈, 眼动追踪, 原型设计, 卡片分类等; 2. 针对电脑和智能手机的用户体验研究工具, 如Axure, Morae, SurfLogger, Mobile Data Logger; 3. 实验产品的用户体验研究; 4. 世界500强企业的工作和成功经验。这门课程适合于心理学系, 社会学系, 设计系和计算机科学系的学生, 从事用户体验研究, 产品设计, 产品经理和创业的在职人员。

英文简介 (Course Description) :

User Experience Research applies the methods and findings in the fields of Psychology, Design, and Computer Science to improve products, increase user satisfaction, reduce human errors, and increase work efficiency. User Experience is one of the major applications of Engineering Psychology and Human Computer Interaction. Good user experience is vital to the success of a product. Thus, many high-tech

companies and other product companies have positions for user experience researchers and designers, such as Baidu, Alibaba, and Tencent etc. Many students majoring in Psychology, Sociology, Design, and Computer Science find jobs related to user experience.

The course titled User Experience Research and Practice will teach you 1. Commonly used user experience research methods, such as focus group, eye-tracking, prototyping, and card sorting; 2. User experience research toolkit for desktop and mobile devices, such as Axure, Morae, SurfLogger, and Mobile Data Logger; 3. User experience case studies of real-world products; 4. Work experience in Fortune 500 companies. This course is designed for students in Psychology, Sociology, Design, and Computer Science, product designers, product managers, and entrepreneurs.

Dr. Jibo He, graduated from Peking University in 2007 and University of Illinois in 2012. Dr. He has work experience in several Fortune 500 companies, such as Microsoft and State Farm Insurance Company. Dr. He received the Star of Tomorrow Award from Microsoft, and the Most Valuable Graduate from University of Illinois.

-End-

课程号 (Course Number) : 01630891

课程名称 (Course Title) : 儿童抑郁专题/Children`s Depression

开课院系 (School/Department) : 心理学系/Department of Psychology

学分 (Credits) : 1

授课教师 (Faculty) : 钟杰 副教授 Associate Professor, Eugene D `Angelo(校外) 待定

先修课程 (Prerequisites) : 变态心理学

中文简介:

该课程由Eugene D`Angelo副教授主讲，将系统地讲授儿童抑郁的病因、影响因素、诊断和干预治疗。

英文简介 (Course Description) :

Doctor Eugene D`Angelo will focus on the pathogeny, relevant factors, diagnosis and prevention of children`s depression.

-End-

课程号 (Course Number) : 01834040

课程名称 (Course Title) : 中东政治与文化传播/Political & Cultural Communication in Middle East

开课院系 (School/Department) : 新闻与传播学院/School of Journalism and Communication

学分 (Credits) : 2

授课教师 (Faculty) : 许静 副教授 Associate Professor, 马为公(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

中文课程简介 (为了便于学生选课, 2000字以内)

中东是一个充满传奇色彩的地区。那里是人类文明的重要发祥地, 三大宗教的诞生地, 石油资源的丰富蕴藏地, 欧亚非三大洲的联结地。中东是一个充满政治动荡的地区。那里战争与冲突不断, 恐怖活动猖獗, 民族与宗教矛盾交织, 政治博弈激烈。中东是一个充满发展潜力的地区。那里正经历重大的社会变革, 经济全球化的浪潮带来了新的发展机遇, 大国的争夺更加激烈, 中东的政治稳定与经济发展面对新的挑战。中东问题复杂而敏感。本课程将以八个方面作为重点:

1. 认识一个多元的中东。以地理、民族、宗教、文化、战乱为主线, 介绍中东重要的战略地位、生活在这一地区的阿拉伯民族和犹太民族悠久的历史 and 文明、犹太教、基督教和伊斯兰教的起源及其影响、阿以冲突及中东和平进程。

2. 中东问题的核心: 巴勒斯坦问题。主要包括巴勒斯坦问题的由来, 由这一问题引发的阿拉伯国家与以色列之间的历次战争与冲突, 曲折的中东和平进程, 以及中东问题的大国干预。

3. 耶鲁撒冷问题: 包括耶路撒冷古城的历史变迁、问题的由来及复杂性和敏感性、耶路撒冷问题的民族及宗教因素、围绕这一问题阿以双方的立场与较量、国际社会和有关各方在这一问题上的不同主张。

4. 伊斯兰教对现代中东政治的影响: 介绍伊斯兰教的基本情况, 伊斯兰教的不同派别及其影响, 伊斯兰教与中东地区有关国家政治与社会的关系, 以及政教合一与世俗社会的深刻矛盾。

5. 从基地组织到伊斯兰国组织, 看全球反恐的形势: 包括中东地区伊斯兰原教旨主义产生的时代背景, 主要伊斯兰激进组织的历史和现状, 美国的反恐战略及其影响, 恐怖主义的多元发展态势, 国际反恐合作及中国面对的反恐形势。

6. 以色列——一个多难民族的生存与发展：以犹太民族历史为切入点，介绍以色列的犹太复国主义从理想到实践的发展过程，以色列与阿拉伯国家的历次战争与和平谈判，以色列以教育为基石的创新发展，以及以色列与美国的关系。

7. 从强人政治到阿拉伯之春—阿拉伯世界的社会变革：介绍中东地区有关国家强人政治时代的国际环境和政治背景，重点介绍几位不同时期的地区强人，探讨阿拉伯之春产生的政治与社会原因，以及由此带来的中东地区的社会变革。

8. 中东政治中的大国背景及中国的角色：通过美苏冷战时期对中东的争夺，大国对中东事务的干预，介绍不同历史时期在这一地区大国的利益纷争和带来的影响，以及中国在中东问题上的原则立场，中国的中东政策战略性调整，中国与中东国家的关系发展。

英文简介 (Course Description) :

The Middle East is a legendary region. It is a major cradle of human civilization: the birthplace of the three major religions, a repository abounding in oil resources, and the junction of three continents, namely European continent, Asian continent and African continent. The Middle East is also a region full of political unrests where wars and conflicts persist, terrorist activities are rampant, national conflicts are intertwined with religious conflicts, and political game is heated. The Middle East is region with abundant development potential. It is undergoing a major social reform, as the wave of economic globalization brings new opportunities for development, the competition among powers is intensified, and the Middle East's political stability and economic growth face new challenges. The Middle East issue is complicated and sensitive. This course will focus on eight dimensions: 1. Understanding a pluralistic the Middle East. Using geography, nationality, religion, culture, and war as main lines, introduce the significant strategic role of the Middle East, long history and civilization of Arab peoples and the Jewish people living in this region, the origin and influence of Judaism, Christianity and Islamism, Arab-Israeli conflict, and the course of peace of the Middle East. 2. The crux of the Middle East issue: the Palestinian issue. It mainly includes the origin of the Palestinian issue, the consequent wars and conflicts between Arab countries and Israel, tortuous course of peace of the Middle East, as well as the great powers' intervention in the Middle East issue. 3. Jerusalem issue: includes the historical flux of the ancient city, Jerusalem, the origin of the issue and its complexity and sensibility, the national and religious factor of Jerusalem issue, Arab and Israel's standpoint and contest for this issue, and international community's and relevant sides' different proposition on this issue. 4. The impact of Islamism on the modern politics of the Middle East: the introduction of the background of Islamism, Islamism's various factions and their influences, the political and social relation between Islamism and the countries associated with the Middle East region, and the profound contradiction between theocracy and secular society. 5. From al-Qaeda to Islamic State of Iraq and al Shams, the observation of global anti-terrorist trends: includes the historical background of Islamic fundamentalism in the Middle East region, the history and current status of major Islamic radical groups, the United States' anti-terrorist strategy and its influence, pluralistic development of terrorism, international

anti-terrorism cooperation, as well as the situation of counter-terrorism facing China. 6. Israel—the survival and development of a nation that has been through many tribulations: Using the history of the Jewish people as starting point, introduces the development of Israel's Zionism from theory to practice, past wars and peace talks between Israel and Arab countries, the education-based, innovative development of Israel, as well as the relation between Israel and the United States. 7. From strongman politics to the Arab Spring—the social reform of the Arab world: introduce the international environment and political background of the Middle East region in the time of strongman politics, highlight several regional strongmen at various times, discuss the political and social causes behind the Arab Spring, and the resultant social reform in the Middle East region. 8. The great powers background of the Middle East politics and the role of China: With the competition for the Middle East during the US-Soviet Cold War and the great powers' intervention in the Middle East affairs, introduce great powers' conflict of interest for this region at different historical times and its influences, as well as China's principled stand on the Middle East issue, China's strategic adjustment of the Middle East policy.

-End-

课程号 (Course Number) : 02230890

课程名称 (Course Title) : 外国建筑史/History of Foreign Architecture

开课院系 (School/Department) : 考古文博学院/School of Archaeology and Museology

学分 (Credits) : 2

授课教师 (Faculty) : 方拥 教授 Professor

先修课程 (Prerequisites) : 世界史通论

中文简介:

本课程立足于中国立场, 关注古代欧洲建筑及其衍伸, 兼顾其它地区。意大利建筑史教授L. Benevolo认为人类文明持续发展的两大地区是: 希腊罗马、中国。我们大致同意, 并相信这一概念颇具现代意义。

西元前三世纪以降, 中国大一统, 数百年一次改朝换代, 但社会稳定, 建筑的材料、结构和形式的生命力极强。欧洲社会始终处于分裂状态, 每经数百年, 建筑风格剧变, 粗犷、圆熟、侈丽, 三阶段循环往复。与谦卑、柔顺且注重精神性的中国古代建筑相比, 欧洲古代建筑的性格是进攻、征服且纠结于物质性的。

英文简介 (Course Description) :

The courses involve mostly a history of ancient European architecture, and compare it with a history of ancient Chinese architecture.

-End-

课程号 (Course Number) : 02232290

课程名称 (Course Title) : 考古学与社会记忆/Archaeology and the Memory of Society

开课院系 (School/Department) : 考古文博学院/School of Archaeology and Museology

学分 (Credits) : 2

授课教师 (Faculty) : 沈睿文 副教授 Associate Professor

先修课程 (Prerequisites) : 中国考古学

中文简介:

以考古材料为中心，通过考古材料、历史文献的对比，分析历史记忆的形成，意在展示如何分析考古材料，认识文献的书写及运用，初步了解掌握历史时期考古学研究的程序。

英文简介 (Course Description) :

Around the archaeological material, through the cooperation with contrast archaeological materials and historical documents, the course will analysis the formation of historical memory, to show how to analysis the archaeological materials and recognize the writing and use of historical documents, and preliminary understand the research program of historical period archaeology.

-End-

课程号 (Course Number) : 02332311

课程名称 (Course Title) : 佛教导论/An Introduction to Buddhism

开课院系 (School/Department) : 哲学系/Department of Philosophy

学分 (Credits) : 2

授课教师 (Faculty) : 姚卫群 教授 Professor

先修课程 (Prerequisites) : 无

中文简介:

本课为介绍在世界文化发展中有重要影响的佛教基础知识的课程。课程侧重讲解佛教的产生、传播历史、文献、戒律、禅定、哲学思想等。整个课程分为八讲，每讲介绍佛教知识的一个重要方面或重要内容。本课论述的佛教基础知识以印度佛教和中国佛教为主，涉及的主要内容又以佛教的历史和教义为主，包括重要人物、流派、理论、事件、文化特色等。教学目的是使学生对佛教有一个概括的了解，把握佛教文化的核心内容和精髓。为进一步深入了解或研究佛教打下基础，提高听课学生的人文素质。

英文简介 (Course Description) :

This course is to give a brief introduction to the basic knowledge of Buddhism which has an important effect in the world culture development. The course is mainly to narrate Buddhist emergence, spread history, literature, discipline, meditation and philosophy thinking, etc. The whole course is divided into eight lessons. Each lesson introduces an important aspect of knowledge or important content of Buddhism. This course mainly gives the basic knowledge of Indian Buddhism and Chinese Buddhism, in connection with Buddhist history and doctrines, including important figures, schools, theories, events and cultural characteristics, etc. The teaching aim of the course is to help the students to have a general understanding of Buddhism, and grasp Buddhist cultural core and marrow, so as to lay a foundation for their further study or research of Buddhism, and to raise their humanistic literacy.

-End-

课程号 (Course Number) : 02335043

课程名称 (Course Title) : 中国古代思想经典选读/Selected Readings on Ancient Chinese Thoughts

开课院系 (School/Department) : 哲学系/Department of Philosophy

学分 (Credits) : 1

授课教师 (Faculty) : 程乐松 副教授 Associate Professor

先修课程 (Prerequisites) : 无

中文简介:

本课程旨在为暑期学校中母语为英语及其他外语的高年级学生提供系统了解和阅读中国古代思想文献的平台, 通过陈荣捷、冯友兰等中国古代思想文献及思想历史研究学者的基本英文著作入手, 结合课堂讲授及经典文献的阅读, 为学生讲解中国古代思想的基本概念及其流变过程, 同时以比较的视野让学生进入中国古代思想中展现的生活世界和生命精神。通过短期密集课程为学生进一步进修中国文化, 特别是中国古代思想历史提供较完备的文献及概念基础。

英文简介 (Course Description) :

The purpose of this course is to help senior undergraduate students, whose mother tongue is not Chinese, to acquire a bird view of anthology and bibliography of Chinese ancient thoughts through selected readings from anthology works by Chan Wing-tsit and Feng Youlan. Students would be required to understand the structure and brief textual history of basic texts of Chinese thoughts through selected readings on various motifs. Intensive readings on texts would provide students with basic understanding of the reasoning mode of Chinese thoughts and the meaning of key concepts as basis of Chinese thought as a whole. Besides, the course would also provide a inspiring perspective to explore the life world the spirit of living within ancient Chinese culture composes of different perspective from literature to religious beliefs.

-End-

课程号 (Course Number) : 02431710

课程名称 (Course Title) : 亚太概论/Introduction to Asia-Pacific Outline

开课院系 (School/Department) : 国际关系学院/School of International Studies

学分 (Credits) : 2

授课教师 (Faculty) : 陈峰君 教授 Professor

先修课程 (Prerequisites) :

中文简介:

通过本课学习, 使学员对亚太地区基本问题有较全面的了解, 并提高学员对国际问题特别是对亚太问题的分析能力。

本课共分共十二讲 (亚太概念、亚太特征、亚太地位、亚太世纪、亚太经济发展、亚太经济合作与组织、东亚经济合作、现代化进程与模式、东亚模式、印度模式、亚太安全形势、朝鲜半岛、领土争端), 每讲2学时左右。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 02530060

课程名称 (Course Title) : 微观经济学/Microeconomics

开课院系 (School/Department) : 经济学院/School of Economics

学分 (Credits) : 3

授课教师 (Faculty) : 张元鹏 副教授 Associate Professor

先修课程 (Prerequisites) : 经济学原理 微积分

暑期课程: 选修本课程的同学一定要先修过《经济学原理》课程 (注: 没有学过的同学可以参加本次暑期课同时开设的《经济学原理》), 另外还要学过微积分和线性代数等数学课程。

中文简介:

微观经济学通过对个体经济单位的经济行为的分析，说明现代西方经济社会市场机制的运行和作用，以及改善这种运行的途径。

其主要内容包括：（1）微观经济学的前提及概述；（2）均衡价格的决定；（3）消费者行为；（4）生产者行为；（5）完全竞争市场；（6）不完全竞争市场；（7）生产要素价格的决定；（8）一般均衡和福利经济学；（9）市场失灵和微观经济政策。

暑期课程：

《微观经济学》是我国教育部高等教育面向21世纪教学内容和课程体系改革计划的必修课程之一，它不仅被列为高等学校经济类8门核心课程之中，而且是工商管理类各专业9门核心课程之一。对于那些想学好经济学理论及相关知识体系的学生来说，能学好《微观经济学》直接影响学生对其其他经济学课程的理解和掌握。

作为经济学基础课程，它是在学生前期研修完《经济学原理》的基础上对有关微观经济主体（如企业和消费者等）的经济行为和各类市场的均衡实现情况作进一步分析，以此来研究市场经济的运行规律和相应的微观经济政策。

《微观经济学》理论的核心问题是价格理论，它是以均衡和最优化为讨论线索来展开分析的。在介绍了供求、弹性等基本概念之后，主要讨论了消费者最优理论，生产者最优理论，商品市场最优理论，要素市场最优理论和帕累托最优理论，最终得出完全经济竞争的市场是有效的，以证明“看不见的手”的作用。然后结合经济现实，讨论市场失灵，并提出微观经济政策以消除或抑制市场失灵的影响。

作为经济学知识体系中的基础课程，学生在学习完了本课程以后，可以能够准确地掌握微观经济学的基本概念和基本原理，并对经济模型的基本假设和建模的技术手段能有透彻的了解。在此基础上学会运用微观经济学的基本理论和分析方法来解释现实的经济问题并提出解决方案。

英文简介 (Course Description) :

Microeconomics is the analysis of the economic behavior of individual economic units , and to indicate that the operation and role of the market mechanism in modern Western economic society , as well as the ways to improve this run .

Its main contents include : (1) assumptions of Microeconomics and its overview; (2) equilibrium price ; (3) consumer behavior ; (4) producer behavior ; (5) perfect competitive market ; (6) imperfect competitive market ; (7) equilibrium price of production factor; (8) general equilibrium and welfare economics ; (9) market failures and microeconomic policies.

Summer School:

This is an introductory course in microeconomics, which covers the fundamental theories of the consumer, the firm, and markets. It is a required course for any student wishing to major or minor in business or economics, and it is recommended for any student who would like to understand how the market economy works. This course also meets the social science requirements of the core curriculum,

since you will be exposed to major questions concerning human and institutional behavior

This course has the prerequisites of Principle of Economics and Calculus.

After completing this course, students should have developed a range of skills enabling them to understand economic concepts and use those concepts to analyze specific questions.

? Understand consumer behavior and firm behavior.

? Analyze different types of market structures (monopoly, oligopoly and a competitive market).

? Understand how to apply economic principles to a range of policy questions.

? Solve a consumer`s utility maximization problem mathematically and graphically; analyze the impact of changes in price and income on a consumer`s decision via shifting income and substitution effects.

? Solve a firm`s cost minimization problem mathematically and graphically.

? Analyze the behavior of firms in a perfectly competitive market in the short-run and the long-run.

? Calculate producer and consumer surplus.

? Analyze the behavior of firms in a monopoly or oligopoly, and calculate the resulting changes in producer or consumer surplus.

? Use economic tools to analyze economic policies.

-End-

课程号 (Course Number) : 02535220

课程名称 (Course Title) : 量化历史研究/Research on Quantitative History

开课院系 (School/Department) : 经济学院/School of Economics

学分 (Credits) : 4

授课教师 (Faculty) : 管汉晖 副教授 Associate Professor, 陈志武(校外) 待定

先修课程 (Prerequisites) : 经济学原理

中文简介:

已有的大多数历史研究过于定性，停留在史料整理和描述性层面，即使对历史事实背后的因果关系下结论，也只是猜测性的，很少从统计意义上进行严谨的逻辑推论，做排他性实证论证，这种研究方法的不足是明显的。历史研究中一手史料整理、描述性工作极其重要，但那是整个研究过程中的第一步，不是全部。研究的最终目的还是希望从历史经历中领悟到、学到一般性的道理，学到对现时和未来人类社会都有价值的规律知识。本课程立足于用社会科学的方法分析历史变迁，由此探寻人类社会长期发展的源流和脉络，阐释历史演变的规律，并为今天的经济、社会发展和经济政策提供某些借鉴。

英文简介 (Course Description) :

Most of the existing historical researches, due to the absence of rigorous logical inference with statistical methods such as solid empirical evidence, only produce speculative conclusions on causal relationships behind historical facts. Thus, even though qualitative research method dominates the field of modern historical research, its weakness in deriving general theory is obvious.

To locate and analyze the primary evidence is only the start of the historical research process, the ultimate goal of every historical research should be to derive illuminating patterns and general truths that enable us to make sense of the present in terms of the past, and the past in terms of the present.

In this course, we will explore various social, cultural, and political processes and their implications for today's economy and society with scientific method. By analyzing these historical processes, we would be able to better grasp the origins and the repeating patterns of the long-term development of the human society.

-End-

课程号 (Course Number) : 03032360

课程名称 (Course Title) : 中国文化史/History of Chinese Culture

开课院系 (School/Department) : 信息管理系/Department of Information Management

学分 (Credits) : 2

授课教师 (Faculty) : 王锦贵 教授 Professor

先修课程 (Prerequisites) : 大学本科程度，或相当于大学本科程度。

中文简介：

“中国文化史”——第一批列入北京大学全校素质教育的通选课。

本课程是一门比较全面、系统反映中国传统文化的基础课。她揭示传统文化产生的背景、特点与意义，纵向再现数千年中国灿烂文化轨迹，横跨人文科学、社会科学、自然科学诸多领域一般层面的基本知识。

本课程涉及面广，知识点多，含金量较高。适用于文、理、语言各专业学生选修。通过学习本课程，可以比较全面、系统地领略中国传统文化的博大精深，可以拓宽知识视野、完善个人知识结构，为以后在特定领域的进一步发展，提供必备的文化修养及基础知识。

为配合中国文化史教学活动，本课教师特别在北京大学立项，研制出了《中国文化史》CAI课件，直接服务于教学实践。该课件通过图片、朗读、音乐、知识单元检索以及链接相关学术讲座等形式，对教学互动和进一步改善学习环境，起到重要作用。

英文简介 (Course Description) :

History of Chinese Culture is a foundation course which reflects the long history of Chinese culture overall and systematically. The course announces the background, features and significance of Chinese traditional culture, chronologically reappear the splendid culture formation path and the achievements of Chinese people in thousands of years, stretch over the humanities, social science and natural science. By learning the course, intensive learning of Chinese traditional culture and a broad cultural field could be gotten in a rather short time, which provides necessary culture accomplishment for an individual to get further development in a particular field.

In order to coordinate History of Chinese Culture teaching, the professor set up the project in Peking University and made CAI courseware in 2005. The CAI courseware comprehends pictures, reading, music, unit retrieval, and relative lectures linking which animates the classroom teaching and the learning environment is improved.

-End-

课程号 (Course Number) : 03130400

课程名称 (Course Title) : 教育社会学思考/The Thinking of Sociology of Education

开课院系 (School/Department) : 社会学系/Department of Sociology

学分 (Credits) : 2

授课教师 (Faculty) : 钱民辉 教授 Professor

先修课程 (Prerequisites) :

中文简介:

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 03633330

课程名称 (Course Title) : 西班牙文化纵览/Introduction to the Spanish Culture

开课院系 (School/Department) : 外国语学院/College of Foreign Languages

学分 (Credits) : 1

授课教师 (Faculty) : 宋扬 讲师 Lecturer

先修课程 (Prerequisites) : 无

中文简介:

本课程旨在使学生掌握西班牙文化的主要特点,对西班牙历史和社会文化等状况有一个基本的了解。课程的学习有助于学生今后从事中国—西班牙经贸、文化、教育等交流工作。学生通过学习该课程,能够比较全面地了解西班牙建筑、艺术、习俗等文化的具体体现形式。该课程虽以中文讲授,但会穿插教授跨文化交际中使用率较高的西班牙语词汇及语句,帮助学生避免与西班牙人交往中因文化差异所产生的摩擦与冲突。

英文简介 (Course Description) :

This course of Peking University is aimed at students of Chinese nationalities who want to learn Spanish culture. The Spanish culture

- its art and architecture, its different regional traditions, its traditional dances and fiestas, its history and so on - is so rich that it is impossible, here, to describe all the aspects of Spanish culture our courses cover. We look at Picasso and Dalí, regional dances and music (like flamenco), the Easter processions and San Fermin, the Spanish gastronomy, the universities... By learning this course the students will be able to avoid conflict and unpleasantness during Contacts with Spanish people.

-End-

课程号 (Course Number) : 03835400

课程名称 (Course Title) : 美国短篇小说与电影/The American Short Story through Film

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) : 马乃强 讲师 Lecturer

先修课程 (Prerequisites) :

中文简介:

《美国短篇小说与电影》是面向非英语专业本科学生开设的大学英语专题课程。当前的语言教学要求多媒体既是教学手段，又是教学内容。本课程结合短篇小说和电影两种文本，通过文学和多媒体双重艺术形式进行英语教学。课程选用美国文学史上的经典短篇小说及其改编的电影，短篇小说每篇10-20页，电影每部30-50分钟，比较适合现代多媒体课堂教学。

本课程教学包括文学背景知识，作家作品介绍，短篇小说分析和评论，课后问题讨论和问答，电影改编和赏析等。借助现代多媒体教学手段，本课程致力于提高学生英语听说读写多方面的综合水平，增强其文化意识、文学修养和信息时代的双重文本读写能力，从而达到我们英语教学的最终目的。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 03835400

课程名称 (Course Title) : 美国短篇小说与电影/The American Short Story through Film

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) : 马乃强 讲师 Lecturer

先修课程 (Prerequisites) :

中文简介:

《美国短篇小说与电影》是面向非英语专业本科学生开设的大学英语专题课程。当前的语言教学要求多媒体既是教学手段，又是教学内容。本课程结合短篇小说和电影两种文本，通过文学和多媒体双重艺术形式进行英语教学。课程选用美国文学史上的经典短篇小说及其改编的电影，短篇小说每篇10-20页，电影每部30-50分钟，比较适合现代多媒体课堂教学。

本课程教学包括文学背景知识，作家作品介绍，短篇小说分析和评论，课后问题讨论和问答，电影改编和赏析等。借助现代多媒体教学手段，本课程致力于提高学生英语听说读写多方面的综合水平，增强其文化意识、文学修养和信息时代的双重文本读写能力，从而达到我们英语教学的最终目的。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 03835510

课程名称 (Course Title) : 希腊与希伯来哲学/Comparing Greek & Hebrew Philosophy

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) : 无

中文简介:

本课程由外教授课, 将重点讲授古希腊及希伯来哲学。学生将学习影响希腊和希伯来思想的主要观点, 将讨论这些观点对当代社会的影响。学生将阅读希腊希伯来名著中的经典段落, 学习如何比较这些哲学观点。本课程将根据学生的课堂表现、课堂陈述和考试等方面评定学生成绩。

英文简介 (Course Description) :

This course will expose students to the philosophy of the ancient Greek and Hebrew people. Students will learn about major ideas that influenced Greek and Hebrew thought, and will discuss the influence of these ideas today. Students will read English translations of the most important parts of these works, and learn how to compare philosophical ideas. Students will be evaluated based on class participation, a presentation, and exam.

-End-

课程号 (Course Number) : 03835510

课程名称 (Course Title) : 希腊与希伯来哲学/Comparing Greek & Hebrew Philosophy

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) : 无

中文简介:

本课程由外教授课, 将重点讲授古希腊及希伯来哲学。学生将学习影响希腊和希伯来思想的主要观点, 将讨论这些观点对当代社会的影响。学生将

阅读希腊希伯来名著中的经典段落，学习如何比较这些哲学观点。本课程将根据学生的课堂表现、课堂陈述和考试等方面评定学生成绩。

英文简介 (Course Description) :

This course will expose students to the philosophy of the ancient Greek and Hebrew people. Students will learn about major ideas that influenced Greek and Hebrew thought, and will discuss the influence of these ideas today. Students will read English translations of the most important parts of these works, and learn how to compare philosophical ideas. Students will be evaluated based on class participation, a presentation, and exam.

-End-

课程号 (Course Number) : 03835520

课程名称 (Course Title) : 英美文学概况/Introduction to British & American Literature

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) : 无

中文简介:

本课程由外教授课，主要内容包括英美文学发展史及代表作家的简要介绍和作品选读。从英美两国历史、语言发展角度出发，简要介绍英美两国各个重要时期的主要历史背景，文学流派，主要作家的文学生涯、创作思想、艺术特色及其主要代表作品，包括诗歌、小说、散文等。本课程从课堂表现，课堂报告以及考试等方面评定学生成绩。

英文简介 (Course Description) :

This course will give a survey of the major movements in English literature. Students will read pieces of famous literature and discuss the ideas and style of these works. We will have examples of major authors from poetry, fiction and nonfiction, and cover both classic and modern literature.

Students will be evaluated based on class participation, a presentation, and exam.

-End-

课程号 (Course Number) : 03835520

课程名称 (Course Title) : 英美文学概况/Introduction to British & American Literature

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) : 无

中文简介:

本课程由外教授课，主要内容包括英美文学发展史及代表作家的简要介绍和作品选读。从英美两国历史、语言发展角度出发，简要介绍英美两国各个重要时期的主要历史背景，文学流派，主要作家的文学生涯、创作思想、艺术特色及其主要代表作品，包括诗歌、小说、散文等。本课程从课堂表现，课堂报告以及考试等方面评定学生成绩。

英文简介 (Course Description) :

This course will give a survey of the major movements in English literature. Students will read pieces of famous literature and discuss the ideas and style of these works. We will have examples of major authors from poetry, fiction and nonfiction, and cover both classic and modern literature.

Students will be evaluated based on class participation, a presentation, and exam.

-End-

课程号 (Course Number) : 03835610

课程名称 (Course Title) : 法律英语/Legal English

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) : n/a

中文简介:

该课程旨在向学生介绍法律英语, 帮助学生掌握各种情形下所需的法律英语写作知识。主要包括:

- 1) 用通俗易懂的英语写作法律文本;
- 2) 说服力法律文本写作的基本原则;
- 3) 法律文本起草的基本原则。

学生将分步进行研究、起草纲要、完成写作任务。本课程注重培养和提高学生的批判性思维能力。

英文简介 (Course Description) :

This advanced undergraduate course introduces students to legal English. The course will prepare students for a variety of situations in which legal English writing is required. Major topics will include:

- 1) legal writing in plain English;
- 2) basic principles of persuasive legal writing; and
- 3) basic principles of legal drafting.

Students will undertake research, outline, and writing tasks. Critical thinking skills will be encouraged throughout.

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课程号 (Course Number) : 03835620

课程名称 (Course Title) : 美国华人移民的历史与文化/History and Culture of Chinese Immigrants in America

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) : n/a

中文简介:

通过阅读当代文学及其他作品和欣赏电影，探索美国华人移民的历史与文化问题。主要探讨的论题包括华人移民美国的历史、华人移民的文化和传统、以及中国文化在美国与其他文化的融合问题。

学生将发现在美国华人移民的历史和文化探讨中的一些主要问题，同时对当前教育和文化领域现存的一些问题有一定的了解。

本课程旨在通过阅读当代作品提高英语程度。通过阅读和讨论，学生提高语言能力，而且能够在美国华人的历史和文化问题上拓宽视野。

英文简介 (Course Description) :

Exploration of the history and culture of Chinese immigrants in the U.S. through reading of literary and other cultural texts and appreciation of movies. Topics include the history of Chinese immigration in America, the culture and tradition of Chinese immigrants and the interaction of Chinese culture with other cultures in America.

Students identify some main issues involved in the discussion of the history and culture of Chinese in America and gain an understanding of the current issues in education and cultural realms.

Designed to enhance English proficiency through reading of contemporary works. Through reading and discussion, students develop language skills, in addition to gain new perspectives of history and culture of Chinese America.

-End-

课程号 (Course Number) : 03835620

课程名称 (Course Title) : 美国华人移民的历史与文化/History and Culture of Chinese Immigrants in America

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) : n/a

中文简介:

通过阅读当代文学及其他作品和欣赏电影, 探索美国华人移民的历史与文化问题。主要探讨的论题包括华人移民美国的历史、华人移民的文化和传统、以及中国文化在美国与其他文化的融合问题。

学生将发现在美国华人移民的历史和文化探讨中的一些主要问题, 同时对当前教育和文化领域现存的一些问题有一定的了解。

本课程旨在通过阅读当代作品提高英语程度。通过阅读和讨论, 学生提高语言能力, 而且能够在美国华人的历史和文化问题上拓宽视野。

英文简介 (Course Description) :

Exploration of the history and culture of Chinese immigrants in the U.S. through reading of literary and other cultural texts and appreciation of movies. Topics include the history of Chinese immigration in America, the culture and tradition of Chinese immigrants and the interaction of Chinese culture with other cultures in America.

Students identify some main issues involved in the discussion of the history and culture of Chinese in America and gain an understanding of the current issues in education and cultural realms.

Designed to enhance English proficiency through reading of contemporary works. Through reading and discussion, students develop language skills, in addition to gain new perspectives of history and culture of Chinese America.

-End-

课程号 (Course Number) : 03835730

课程名称 (Course Title) : 美国文化概览/Introduction to American Culture

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) : n/a

中文简介:

本课程是为非英语专业学生基础阶段开设的文化专题课，课程类别为本科必修，由外教授课。本课程的目标在于：通过重点介绍美国的历史文化、风土人情、风俗习惯和语言发展等，帮助学生拓展有关这些英语国家文化历史发展的知识，提高阅读英文书刊和同英语国家人士交往的能力，从而激发他们的学习兴趣，为进一步学习打下基础；培养学生辩证唯物主义的历史观，增强学生的跨文化意识，从而进一步增强学生的跨文化交际能力。

英文简介 (Course Description) :

This course is taught by American professors. Students will have a brief understanding of American culture through teachers' instruction, classroom discussion, group work and after-class assignments. It is designed to cover the basics of American history and development, culture and customs. The course aims to develop students' intercultural communicative skills by broadening their understanding of American culture

-End-

课程号 (Course Number) : 03835730

课程名称 (Course Title) : 美国文化概览/Introduction to American Culture

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) : n/a

中文简介:

本课程是为非英语专业学生基础阶段开设的文化专题课，课程类别为本科必修，由外教授课。本课程的目标在于：通过重点介绍美国的历史文化、风土人情、风俗习惯和语言发展等，帮助学生拓展有关这些英语国家文化历史发展的知识，提高阅读英文书刊和同英语国家人士交往的能力，从而

激发他们的学习兴趣，为进一步学习打下基础；培养学生辩证唯物主义的历史观，增强学生的跨文化意识，从而进一步增强学生的跨文化交际能力。

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This course is taught by American professors. Students will have a brief understanding of American culture through teachers' instruction, classroom discussion, group work and after-class assignments. It is designed to cover the basics of American history and development, culture and customs. The course aims to develop students' intercultural communicative skills by broadening their understanding of American culture

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课程号 (Course Number) : 03835730

课程名称 (Course Title) : 美国文化概览/Introduction to American Culture

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) : n/a

中文简介:

本课程是为非英语专业学生基础阶段开设的文化专题课，课程类别为本科必修，由外教授课。本课程的目标在于：通过重点介绍美国的历史文化、风土人情、风俗习惯和语言发展等，帮助学生拓展有关这些英语国家文化历史发展的知识，提高阅读英文书刊和同英语国家人士交往的能力，从而激发他们的学习兴趣，为进一步学习打下基础；培养学生辩证唯物主义的历史观，增强学生的跨文化意识，从而进一步增强学生的跨文化交际能力。

英文简介 (Course Description) :

This course is taught by American professors. Students will have a brief understanding of American culture through teachers' instruction, classroom discussion, group work and after-class assignments. It is designed to cover the basics of American history and development, culture and customs. The course aims to develop students' intercultural communicative skills by broadening their understanding of

American culture

-End-

课程号 (Course Number) : 03835730

课程名称 (Course Title) : 美国文化概览/Introduction to American Culture

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) : n/a

中文简介:

本课程是为非英语专业学生基础阶段开设的文化专题课，课程类别为本科必修，由外教授课。本课程的目标在于：通过重点介绍美国的历史文化、风土人情、风俗习惯和语言发展等，帮助学生拓展有关这些英语国家文化历史发展的知识，提高阅读英文书刊和同英语国家人士交往的能力，从而激发他们的学习兴趣，为进一步学习打下基础；培养学生辩证唯物主义的历史观，增强学生的跨文化意识，从而进一步增强学生的跨文化交际能力。

英文简介 (Course Description) :

This course is taught by American professors. Students will have a brief understanding of American culture through teachers' instruction, classroom discussion, group work and after-class assignments. It is designed to cover the basics of American history and development, culture and customs. The course aims to develop students' intercultural communicative skills by broadening their understanding of American culture

-End-

课程号 (Course Number) : 03835830

课程名称 (Course Title) : 西方文化选读/Selective Readings in Western Civilization

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) :

中文简介:

这是一门以英文开设的西方思想文化课程。本课程将引导学生阅读一些西方文化经典文献,以期对西方文化的若干重要方面有基本了解,并加以思考。阅读内容涉及圣经、希腊罗马神话、莎士比亚及其他作家的文学作品、西方思想经典、科学和宗教等等。

学生将阅读相关的文章和书籍,分小组做课堂报告。阅读经典文选是达到本课程教学目标的根本保证。学生每周的阅读总量将在3000字左右。

课程的进行方式:每周两课时,其中第一课时就上周布置的阅读文章和书籍进行课堂讲授、提问和课堂讨论;第二课时将为下周的阅读主题提供历史与文化背景知识。除课堂讨论外,学生也将以小组课堂报告的形式参与课程。期末将有开卷考试,包括西方文化基础知识部分和essay question部分。课堂讨论、课堂报告和期末考试在期末评定中分别占30%, 30%和40%。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 03835830

课程名称 (Course Title) : 西方文化选读/Selective Readings in Western Civilization

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) :**中文简介:**

这是一门以英文开设的西方思想文化课程。本课程将引导学生阅读一些西方文化经典文献，以期对西方文化的若干重要方面有基本了解，并加以思考。阅读内容涉及圣经、希腊罗马神话、莎士比亚及其他作家的文学作品、西方思想经典、科学和宗教等等。

学生将阅读相关的文章和书籍，分小组做课堂报告。阅读经典文选是达到本课程教学目标的根本保证。学生每周的阅读量将在3000字左右。

课程的进行方式:每周两课时，其中第一课时就上周布置的阅读文章和书籍进行课堂讲授、提问和课堂讨论；第二课时将为下周的阅读主题提供历史与文化背景知识。除课堂讨论外，学生也将以小组课堂报告的形式参与课程。期末将有开卷考试，包括西方文化基础知识部分和essay question部分。课堂讨论、课堂报告和期末考试在期末评定中分别占30%，30%和40%。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 03835860

课程名称 (Course Title) : 英语公众演讲/English Public Speaking

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) :**中文简介:**

本课程系统地介绍和讨论英语公众演讲所涉及到的各个环节，并辅助学生完成自我介绍性，说明性，和劝说性的演讲任务，旨在首先提高学生口头演讲的表达与沟通能力，其次改善学生演讲稿件的写作能力。此外，本课程在一定程度上培养学生对口头讲演和演讲稿件的批判性思维能力，以及利用网络和图书馆进行信息查询，收集，和整理的能力。？

本课程把英语口语表达训练与书面写作练习有机地联系在一起，加强学生对英语主动产出能力的综合运用训练，为学生在将来实际工作中的英语应用做好铺垫。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 03835860

课程名称 (Course Title) : 英语公众演讲/English Public Speaking

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) :

中文简介:

本课程系统地介绍和讨论英语公众演讲所涉及到的各个环节，并辅助学生完成自我介绍性，说明性，和劝说性的演讲任务，旨在首先提高学生口头演讲的表达与沟通能力，其次改善学生演讲稿件的写作能力。此外，本课程在一定程度上培养学生对口头讲演和演讲稿件的批判性思维能力，以及利用网络和图书馆进行信息查询，收集，和整理的能力。?

本课程把英语口语表达训练与书面写作练习有机地联系在一起，加强学生对英语主动产出能力的综合运用训练，为学生在将来实际工作中的英语应用做好铺垫。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 03835860

课程名称 (Course Title) : 英语公众演讲/English Public Speaking

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) :

中文简介:

本课程系统地介绍和讨论英语公众演讲所涉及到的各个环节，并辅助学生完成自我介绍性，说明性，和劝说性的演讲任务，旨在首先提高学生口头演讲的表达与沟通能力，其次改善学生演讲稿件的写作能力。此外，本课程在一定程度上培养学生对口头讲演和演讲稿件的批判性思维能力，以及利用网络和图书馆进行信息查询，收集，和整理的能力。?

本课程把英语口语表达训练与书面写作练习有机地联系到一起，加强学生对英语主动产出能力的综合运用训练，为学生在将来实际工作中的英语应用做好铺垫。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 03835860

课程名称 (Course Title) : 英语公众演讲/English Public Speaking

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) :

中文简介:

本课程系统地介绍和讨论英语公众演讲所涉及到的各个环节，并辅助学生完成自我介绍性，说明性，和劝说性的演讲任务，旨在首先提高学生口头演讲的表达与沟通能力，其次改善学生演讲稿件的写作能力。此外，本课程在一定程度上培养学生对口头讲演和演讲稿件的批判性思维能力，以及利用网络和图书馆进行信息查询，收集，和整理的能力。?

本课程把英语口语表达训练与书面写作练习有机地联系到一起，加强学生对英语主动产出能力的综合运用训练，为学生在将来实际工作中的英语应用做好铺垫。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 03835950

课程名称 (Course Title) : 高级英语口语/Advanced Oral English

开课院系 (School/Department) : 公共英语教研室/English Language and Literature

学分 (Credits) : 2

授课教师 (Faculty) :

先修课程 (Prerequisites) :

中文简介:

英文简介 (Course Description) :

This class is a dynamic oral English class designed to develop and strengthen language skills through practical in-class discussions, activities, and dialogues. These in-class exercises are complemented by an intensive audio-visual-oral computer program designed to reinforce English communication skills. The purpose of the class is two-fold: to provide students a stimulating environment in which to practice oral English and to allow them the opportunity to interact and gain cultural experience from a native English teacher. With a special emphasis on interactive learning, the overall objectives are for students to improve pronunciation and their ability to express ideas clearly in both formal and informal settings.

One important aspect of the class is that the students get to know each other well, so they can more comfortably communicate in a second language. Through various group and individual activities, students build relationships of trust that allow them to not only increase their second language proficiency, but gain valuable communication skills. Because the class provides students an opportunity to work in groups, they build a foundation in teamwork. This empowers them with an understanding of how effective interdependence contributes to a successful work environment. environment.

-End-

课程号 (Course Number) : 04031730

课程名称 (Course Title) : 毛泽东思想和中国特色社会主义理论体系概论/A Survey of Mao Tsetung Thoughts and Theory of Socialism with Chinese Characteristics

开课院系 (School/Department) : 马克思主义学院/Marxism Institute

学分 (Credits) : 4

授课教师 (Faculty) : 宋国兴 副教授 Associate Professor

先修课程 (Prerequisites) : 无

中文简介:

暂缺

英文简介 (Course Description) :

暂缺

-End-

课程号 (Course Number) : 04031740**课程名称 (Course Title) :** 马克思主义基本原理概论/An Introduction to Marxist Basic Theory**开课院系 (School/Department) :** 马克思主义学院/Marxism Institute**学分 (Credits) :** 3**授课教师 (Faculty) :** 魏波 教授 Professor**先修课程 (Prerequisites) :** 无**中文简介:**

高校思想政治理论课教学是对大学生进行思想政治教育最直接、最基本的途径,《马克思主义基本原理概论》是其中的一门基础课程。马克思主义是关于无产阶级和人类解放的科学。研究无产阶级和全人类的解放是整个马克思主义的主题和核心,是贯穿马克思主义基本内容的主线。马克思主义哲学、马克思主义政治经济学和科学社会主义作为马克思主义理论的主要内容,体现和贯穿了马克思主义的本质,服务于马克思主义的本质。课堂教学的总体任务将集中到“强化学生对马克思主义整体性的认识和理解”、“坚定学生的马克思主义信仰”、“使学生掌握马克思主义基本理论要点”三个方面。

英文简介 (Course Description) :

The ideological and political theory teaching in university is the most direct and fundamental way to educate university students ideologically and politically, "Introduction to the Basic Principles of Marxism" is one of the basic courses. Marxism is the science about the liberation of proletariat and humanity, the study of which is the nucleus of Marxism as well as the main line that goes through all the basic subjects of Marxism. Marxist philosophy, Marxist political economy and scientific socialism are the key components of Marxism, which reflect and go through the nature of Marxism, and serve for it as well. It is necessary to concentrate the teaching task on firming student's faith on Marxist and making student looking Marxist as a whole and understanding essential information of Marxist.

-End-

课程号 (Course Number) : 04130030

课程名称 (Course Title) : 太极拳/Shadowboxing

开课院系 (School/Department) : 体育教研部/Section of Physical Culture

学分 (Credits) : 1

授课教师 (Faculty) : 杜军明 讲师 Lecturer

先修课程 (Prerequisites) : 无

中文简介:

一、课程介绍

太极拳是一种柔和、缓慢、轻灵的拳术,它以棚、捋、挤、按、采、列、肘、靠、进、退、顾、盼、定等为基本势法(俗称八法五步)。动作轻柔圆活,虚实分明,处处带有弧形,运动绵绵不断,势势相承。

本课程主要学习“二十四式太极拳”也叫“简化太极拳”,其内容精练,动作规范,数量合理,易学易练,能充分体现太极拳的运动特点。通过练习,对外能利关节,强筋骨,壮体魄;对内能理脏腑,通筋脉,调精神。对调节内环境的平衡,调养气血,缓解身心疲劳,改善人体机能,增强体质十分有益。

课程要求:

1. 原则上不允许同学蹭课。
2. 上下课时师生要相互行抱拳礼。
3. 上课前不得饮酒,暴饮暴食或空腹。上课期间,不允许抽烟,嚼口香糖或吃零食。
4. 学生如有身体不适或既往病史者,应在课前向老师报告,根据具体情况酌情考虑安排活动内容和运动量。
5. 上课必须着运动装和运动鞋,并把随身携带的书包、衣物等按老师要求摆放整齐。
6. 爱护器材。上课时,身上不携带任何可能伤害自己或他人的硬物。如:笔,手机,小刀,钥匙及钥匙链等。
7. 上课不得打手机或发短信,听随身听。
8. 练习过程中,要根据自身身体素质情况,量力而行,不要因为一时兴奋而动作过分用力或动作幅度过大,出现身体意外而受伤。

9. 需要同学配合练习时，要认真听取讲解，严格按老师要求去做，不允许嬉笑，打闹，冒险等极端个人行为，要营造团结，友爱，仔细，默契配合，相互帮助的练习氛围，以确保练习的安全和有效。
10. 不将贵重物品带到课堂，避免丢失。
11. 认真练习，再学会一定运动技能的同时，全面发展，提高自己的身体素质，达到增强体质的目的。

二、课程任务

1. 培养学生锻炼身体的习惯和顽强的意志品质以及“健康第一”的思想意识。
2. 增进健康，增强体质，全面提高学生的身体及心理素质。
3. 掌握二十四式太极拳基本理论，基本技术及全套动作。

英文简介 (Course Description) :

待录

-End-

课程号 (Course Number) : 04130030

课程名称 (Course Title) : 太极拳/Shadowboxing

开课院系 (School/Department) : 体育教研部/Section of Physical Culture

学分 (Credits) : 1

授课教师 (Faculty) : 杜军明 讲师 Lecturer

先修课程 (Prerequisites) : 无

中文简介:

一、课程介绍

太极拳是一种柔和、缓慢、轻灵的拳术，它以棚、捋、挤、按、采、列、肘、靠、进、退、顾、盼、定等为基本势法（俗称八法五步）。动作轻柔圆活，虚实分明，处处带有弧形，运动绵绵不断，势势相承。

本课程主要学习“二十四式太极拳”也叫“简化太极拳”，其内容精练，动作规范，数量合理，易学易练，能充分体现太极拳的运动特点。通过练习，对外能利关节，强筋骨，壮体魄；对内能理脏腑，通筋脉，调精神。对调节内环境的平衡，调养气血，缓解身心疲劳，改善人体机能，增强体质十分有益。

课程要求：

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2. 上下课时师生要相互行抱拳礼。
3. 上课前不得饮酒，暴饮暴食或空腹。上课期间，不允许抽烟，嚼口香糖或吃零食。
4. 学生如有身体不适或既往病史者，应在课前向老师报告，根据具体情况酌情考虑安排活动内容和运动量。
5. 上课必须着运动装和运动鞋，并把随身携带的书包、衣物等按老师要求摆放整齐。
6. 爱护器材。上课时，身上不携带任何可能伤害自己或他人的硬物。如：笔，手机，小刀，钥匙及钥匙链等。
7. 上课不得打手机或发短信，听随身听。
8. 练习过程中，要根据自身身体素质情况，量力而行，不要因为一时兴奋而动作过分用力或动作幅度过大，出现身体意外而受伤。
9. 需要同学配合练习时，要认真听取讲解，严格按老师要求去做，不允许嬉笑，打闹，冒险等极端个人行为，要营造团结，友爱，仔细，默契配合，相互帮助的练习氛围，以确保练习的安全和有效。
10. 不将贵重物品带到课堂，避免丢失。
11. 认真练习，再学会一定运动技能的同时，全面发展，提高自己的身体素质，达到增强体质的目的。

二、课程任务

1. 培养学生锻炼身体的习惯和顽强的意志品质以及“健康第一”的思想意识。
2. 增进健康，增强体质，全面提高学生的身体及心理素质。
3. 掌握二十四式太极拳基本理论，基本技术及全套动作。

英文简介 (Course Description) :

待录

-End-

课程号 (Course Number) : 04130040

课程名称 (Course Title) : 健美操/Aerobics

开课院系 (School/Department) : 体育教研部/Section of Physical Culture

学分 (Credits) : 1

授课教师 (Faculty) : 刘丽萍 副教授 Associate Professor

先修课程 (Prerequisites) : 无

中文简介:

一、 课程介绍

1. 健美操是一项融体操、舞蹈、音乐为一体,以有氧练习为基础,以健、力、美为主要特征,具有高度艺术性的体育项目。

本课程主要教授健美操基本动作(包括基本姿态动作,基本难度动作和基本步伐组合),全国健美操大众锻炼标准三级套路。通过练习,培养正确体态,塑造美的体态,提高身体协调性、灵活性,并能创编适合自己锻炼的套路动作,达到增进健康,激发活力,愉悦身心的目的。

2. 安全注意事项:

(1) 穿着合适的有利于运动的运动服、运动鞋

(2) 上课时要注意自身和同学的安全,如有胸闷、心慌、头晕等身体处于疲劳状态、请向老师提出,由老师根据情况安排。

二、 课程任务

1. 掌握健美操的基本技术和相关理论,培养学生终身体育的观念。

2. 掌握一项终身体育锻炼技能,并在实践中发展学生的全面素质。

英文简介 (Course Description) :

待录

-End-

课程号 (Course Number) : 04130040

课程名称 (Course Title) : 健美操/Aerobics

开课院系 (School/Department) : 体育教研部/Section of Physical Culture

学分 (Credits) : 1

授课教师 (Faculty) : 刘丽萍 副教授 Associate Professor

先修课程 (Prerequisites) : 无

中文简介:

一、 课程介绍

1. 健美操是一项融体操、舞蹈、音乐为一体,以有氧练习为基础,以健、力、美为主要特征,具有高度艺术性的体育项目。

本课程主要教授健美操基本动作(包括基本姿态动作,基本难度动作和基本步伐组合),全国健美操大众锻炼标准三级套路。通过练习,培养正确体态,塑造美的体态,提高身体协调性、灵活性,并能创编适合自己锻炼的套路动作,达到增进健康,激发活力,愉悦身心的目的。

2. 安全注意事项:

(1) 穿着合适的有利于运动的运动服、运动鞋

(2) 上课时要注意自身和同学的安全,如有胸闷、心慌、头晕等身体处于疲劳状态、请向老师提出,由老师根据情况安排。

二、 课程任务

1. 掌握健美操的基本技术和相关理论,培养学生终身体育的观念。

2. 掌握一项终身体育锻炼技能,并在实践中发展学生的全面素质。

英文简介 (Course Description) :

待录

-End-

课程号 (Course Number) : 04130050

课程名称 (Course Title) : 乒乓球/Table Tennis

开课院系 (School/Department) : 体育教研部/Section of Physical Culture

学分 (Credits) : 1

授课教师 (Faculty) : 闵东旭 副教授 Associate Professor

先修课程 (Prerequisites) : 无

中文简介:

1. 乒乓球是由两名或两对选手, 在球网两端, 用球拍轮流击球的一项球类运动。乒乓球是隔网对抗型项目, 没有身体的直接冲撞, 相对来讲, 较为安全, 是一项老少皆宜的运动项目。参加这项运动, 可以提高人的灵敏、协调、动作速率和上下肢活动能力, 改善心肺功能, 全面提高身体素质, 并且对于学生注意力的培养有很大的帮助。

做为“国球”, 乒乓球因为球体小、速度快、变化多、趣味性强, 在中国有着很广泛的群众基础。更因为场地要求相对不高, 器材装备较为亲民, 也是很容易推广和普及的项目。

我们的乒乓球课程主要讲授乒乓球的基本理论知识、技术、技能和竞赛规则, 介绍乒乓球运动在国际和国内发展的最新动态与趋势。因为乒乓球是对练的项目, 在课程的学习中你既能学习一门技术, 又能加强与其他同学的交流和学习。相信参加我们的乒乓球课学习, 你会获益匪浅!

2. 安全注意事项:

运动前需要充分活动身体各个关节, 尤其手腕、脚踝。捡球时, 要注意安全, 避免不必要的意外发生。

英文简介 (Course Description) :

无

-End-

课程号 (Course Number) : 04130050

课程名称 (Course Title) : 乒乓球/Table Tennis

开课院系 (School/Department) : 体育教研部/Section of Physical Culture

学分 (Credits) : 1

授课教师 (Faculty) : 闵东旭 副教授 Associate Professor

先修课程 (Prerequisites) : 无

中文简介:

1. 乒乓球是由两名或两对选手，在球网两端，用球拍轮流击球的一项球类运动。乒乓球是隔网对抗型项目，没有身体的直接冲撞，相对来讲，较为安全，是一项老少皆宜的运动项目。参加这项运动，可以提高人的灵敏、协调、动作速率和上下肢活动能力，改善心肺功能，全面提高身体素质，并且对于学生注意力的培养有很大的帮助。

做为“国球”，乒乓球因为球体小、速度快、变化多、趣味性强，在中国有着很广泛的群众基础。更因为场地要求相对不高，器材装备较为亲民，也是很容易推广和普及的项目。

我们的乒乓球课程主要讲授乒乓球的基本理论知识、技术、技能和竞赛规则，介绍乒乓球运动在国际和国内发展的最新动态与趋势。因为乒乓球是对练的项目，在课程的学习中你既能学习一门技术，又能加强与其他同学的交流和学习。相信参加我们的乒乓球课学习，你会获益匪浅！

2. 安全注意事项:

运动前需要充分活动身体各个关节，尤其手腕、脚踝。捡球时，要注意安全，避免不必要的意外发生。

英文简介 (Course Description) :

无

-End-

课程号 (Course Number) : 04330881

课程名称 (Course Title) : 基本乐理与管弦乐基础/Basic Theory of Music and The Basics of Orchestral Music

开课院系 (School/Department) : 艺术学院/School of Arts

学分 (Credits) : 2

授课教师 (Faculty) : 马清 副教授 Associate Professor

先修课程 (Prerequisites) : 无

中文简介:

本课程系统地讲授音乐基本理论，包括乐音体系、音律、记谱法、节奏与节拍、音程、和弦、调式、转调、乐曲的基本形式、初步的和声与复调，

以及近现代音乐理论；注重理论联系实际，在分析作品同时介绍管弦乐队及各类乐器的功能特点，并结合识谱及简单电子钢琴弹奏。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 04331020

课程名称 (Course Title) : 中外名曲赏析/Appreciation of Chinese and Foreign Famous Songs

开课院系 (School/Department) : 艺术学院/School of Arts

学分 (Credits) : 2

授课教师 (Faculty) : 李静 副教授 Associate Professor

先修课程 (Prerequisites) :

中文简介:

本课分为中国作品、外国作品两大部分，主要介绍中外中小型器乐、声乐作品。乐曲包括：器乐独奏、重奏、管弦乐曲、协奏曲、歌、舞剧选段。声乐作品包括：艺术歌曲、民歌、歌剧选曲等。本课荟萃中外好歌名曲之精华，是人们喜闻乐见、经久不衰、脍炙人口的名曲。本课对音乐作品逐首进行分析，介绍作品的时代背景、创作意图、思想内容、结构特点、以及作者的生平等，并配合音像资料教学，使学生充分领略和体会音乐。

英文简介 (Course Description) :

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课程号 (Course Number) : 04332711

课程名称 (Course Title) : 西方美术史田野调研/Field Investigation of History of Western Art

开课院系 (School/Department) : 艺术学院/School of Arts

学分 (Credits) : 1

授课教师 (Faculty) : 丁宁 教授 Professor

先修课程 (Prerequisites) :

中文简介:

西方美术史实地考察, 是在西方美术史课的基础上, 通过相关考试选拔20名优秀本科学生, 由学校国际合作部统一组织, 授课老师和有关老师一起带队, 集体到英国的伦敦、约克和爱丁堡三个城市, 参观与讲解当地重要博物馆的主要展品以及相关的著名文化遗迹, 从而具体而有效地深化学生对西方美术史的感受与理解。

鉴于西方美术史课需要体验原作, 亲睹真迹的重要性, 而英国博物馆和美术馆又是接触和讲解西方美术史主要作品的理想之选, 西方美术史实地考察课, 将为学生提供新的学习平台。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 04630710

课程名称 (Course Title) : 认知科学与经济学/Cognitive Science & Economics

开课院系 (School/Department) : 元培学院

学分 (Credits) : 2

授课教师 (Faculty) : 杨英锐(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

认知科学研究人的心智世界。经济活动是人类社会最大规模实验，每个市场参与者都是主动的实验观测者。本课程介绍经济学和认知科学的整合理论、基本原理和模型方法。20世纪的经济学和心理学是在牛顿力学的框架中发展起来的。在21世纪的跨学科研究中，整合经济学和认知科学要求超越牛顿力学的传统。此课程将引入一系列新的模型方法来刻画亚经济分析、货币、经济政策、帕累托效率、市场、“看不见的手”等。课程设计是自足的，不要求任何前修课程。它从基本概念讲起并带入前沿课题，由浅入深，深入浅出，使听众能够跟上演讲进度，学习系统知识，理解、掌握交叉学科的特点和方法。本课程在美国伦斯勒理工学院发展与讲授多年，近年在清华大学，人民大学和中山大学讲授多次，引起中美文理各学科学生和教师的广泛兴趣并得到很高的课程评价。

英文简介 (Course Description) :

Cognitive science studies the human mental world. Economic activity is an experiment with the largest scale human being has ever run, and each individual market participant serves as an active observer. This course introduces an integrated theory of economics and cognitive science - its fundamental principles and modeling methods. Economics and cognitive science of 20th century were developed within the framework of Newtonian physics. For the interdisciplinary study of the 21st century, the integration of economics and cognitive science requires to go beyond the limitation of Newtonian tradition. This course will introduce a series of integrated models to characterize sub-economic analysis, monetary economics, economic policy, Pareto efficiency, dynamic market, "invisible hand", etc. The course is designed as self-contained without prerequisites. It starts from establishing basic concepts and then gets into frontline topics. Special efforts will be made to make sure anyone interested can follow the lectures, study systematic knowledge, and understand the characteristics and methods this interdisciplinary approach. This course have been developed and taught at Rensselaer Polytechnic Institute (UAS) for many years and at Tsinghua University, People's University of China, and Zhongshan University in recent years. It attracted wide interests from American and Chinese students and teachers from all different majors and received high course ratings.

-End-

课程号 (Course Number) : 04630720

课程名称 (Course Title) : 推理与决策/Reasoning and Decision Making

开课院系 (School/Department) : 元培学院

学分 (Credits) : 2

授课教师 (Faculty) : 杨英锐(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

本课程涵盖高阶认知和心智理论的广泛内容, 包括逻辑与推理心理学、决策论与决策心理学、理性论与行为主义博弈论、语言任务与实验方法, 及其在管理科学、政治科学、国际关系和教育考试与评价中的应用。传统上这些领域是独立发展和分别教授的。本课程采用交叉学科的模式并侧重构建复合领域的整合模型, 沿此脉络展开理论、经验和实践等层次的讨论。课程设计是自足的, 不要求任何前修课程。它从基本概念讲起并带入前沿课题, 由浅入深, 深入浅出, 使听众能够跟上演讲进度, 学习系统知识, 理解、掌握交叉学科的特点和方法。本课程在美国伦斯勒理工学院发展与讲授多年, 近年在清华大学, 人民大学和中山大学讲授多次, 引起中美文理各学科学生和教师的广泛兴趣并得到很高的课程评价。

英文简介 (Course Description) :

This course covers a wide range of contents in higher order cognition: logic and psychology of reasoning; decision theory of psychology of decision making and judgment; rationality theory and behavioral game theory; linguistic tasks and experimental methods; and their applications in management science, political science, international relations, standard educational test and measurement, etc. Traditionally, these fields were developed independently and taught separately. This course takes an interdisciplinary approach, and emphasizes constructing integrated models of multiple subdomains. Along this line the lectures and discussions will be delivered from theoretical, empirical, and practical perspectives.

The course is designed as self-contained without prerequisites. It starts from establishing basic concepts and then gets into frontline topics. Special efforts will be made to make sure anyone interested can follow the lectures, study systematic knowledge, and understand the characteristics and methods this interdisciplinary approach. This course have been developed and taught at Rensselaer Polytechnic Institute (UAS) for many years and at Tsinghua University, People's University of China, and Zhongshan University in recent years. It attracted wide interests from American and Chinese students and teachers from all different majors and received high course ratings.

-End-

课程号 (Course Number) : 04830810

课程名称 (Course Title) : 可编程逻辑电路设计(I)/Digital Design Using PLD (I)

开课院系 (School/Department) : 信息科学技术学院/School of Electronics Engineering and Computer Science

学分 (Credits) : 2

授课教师 (Faculty) : 蒋伟 副教授 Associate Professor

先修课程 (Prerequisites) : 数字逻辑电路

中文简介:

通过课程的学习,使学生熟悉可编程逻辑器件的结构和原理,掌握可编程逻辑器件的开发方法和工具,学习硬件描述语言VHDL,锻炼设计和实现数字系统的综合能力,培养学生的团队合作、交流和表达能力。

英文简介 (Course Description) :

By studying and practicing in this course, we wish our students can make progress in the following aspects: getting familiar with the basic structure of the programmable devices, grasping the developing tools and process of a digital design using PLD, studying the hardware developing language of VHDL, enhancing the ability of designing and realizing a digital design, developing the ability of cooperation, communication and lecturing.?

?

learns to design digital circuits using VHDL language and implement it in a programmable logic device.?

Covers electronics, electronics and engineering. Topics include programmable device, VHDL language, the developing tools and process of PLD

-End-

课程号 (Course Number) : 04831433

课程名称 (Course Title) : 文科计算机基础/Foundations of Computer Application

开课院系 (School/Department) : 信息科学技术学院/School of Electronics Engineering and Computer Science

学分 (Credits) : 3

授课教师 (Faculty) : 刘志敏 副教授 Associate Professor

先修课程 (Prerequisites) : 无

中文简介:

1. 通过讲述计算机的发展历史、重要的历史事件、计算机的特点及典型应用, 计算机网络的发展过程, 使学生认识到信息技术的发展对人类社会的深刻而广泛的影响, 使学生具有强烈的信息意识。
2. 通过讲授计算机中的信息表示, 计算机组成与工作原理, 计算机软件系统与操作系统、局域网与因特网等基本知识, 熟悉计算机基本工作原理和网络的基本知识。
3. 通过讲解Windows系统, 中文字处理Word软件、演示文稿制作软件、电子表格数据处理软件、因特网应用软件的使用方法等, 培养学生掌握利用计算机及网络来获取、存储、传输、处理和应用信息的基本方法, 理解用计算机作为工具解决实际问题的基本过程, 提高应用计算机解决本专业具体问题的能力。

英文简介 (Course Description) :

The basic knowledge of computer, computer operating system, multimedia technology, graphic image processing base, the application of office software, computer network and Internet application.

-End-

课程号 (Course Number) : 04831443

课程名称 (Course Title) : 文科计算机专算机专题/Topics in Computer Applications

开课院系 (School/Department) : 信息科学技术学院/School of Electronics Engineering and Computer Science

学分 (Credits) : 3

授课教师 (Faculty) :

先修课程 (Prerequisites) : 文科计算机基础

中文简介:

人类步入信息化社会, 计算机与网络、多媒体及其信息处理, 成为人们经济活动、社会交往和日常生活中不可或缺的工具。使用计算机的意识和基本技能, 应用计算机实现信息的获取、表示、存储、传输、处理、控制和应用, 解决实际问题的能力, 已成为衡量一个人文化素质高低的重要标志之一。文科计算机基础课程的教学目标是, 培养并提高大学生的信息意识, 提高应用计算机解决具体问题的能力。

文科计算机基础的教学分为二个层次:

第一层次是计算机基础。由计算机基础知识、微机操作系统及其使用、多媒体知识和应用基础、图形图像的制作与处理基础、办公软件应用、计算机网络基础、Internet基本应用、信息检索与利用基础等模块组成。这一层次的教学内容是文科所有专业的学生都是学习的。

第二层次是计算机基础专题课程, 包括程序设计及其应用、多媒体技术及其应用、网页设计基础、数据库基础及其应用等模块。这部分的 teaching, 在更大程度上决定了学生在其专业中应用计算机解决问题的能力与水平。学生可根据其专业需要以及兴趣爱好, 选择学习某一模块。

英文简介 (Course Description) :

The goal of the course is, to cultivate and improve college students' information consciousness, enhance the ability of computer application.

The course is divided into two levels:

The first level is the foundation of computer . The basic knowledge of computer, computer operating system, multimedia technology, graphic image processing base, the application of office software, computer network and Internet application.

The second level is Topics in Computer Applications, including several modules, such as program design and its applications, multimedia technology and its application in webpage design, database basis and its application. This part of the teaching, to enhance ability of the students in the application of computer to solve the problem ability and level. Students according to their professional needs and interests, choose to learn a certain module.

-End-

课程号 (Course Number) : 04831840

课程名称 (Course Title) : 职业规划与领导力发展/Career Planning & Leadership Development

开课院系 (School/Department) : 信息科学技术学院/School of Electronics Engineering and Computer Science

学分 (Credits) : 2

授课教师 (Faculty) : 边凯归 讲师 Lecturer

先修课程 (Prerequisites) : 无

中文简介:

欢迎选修和旁听北大创新公选课《职业规划与领导力发展》

课程主要由北大计算机系系友担纲, 由张铭、李妍主持, 主要邀请来自国内外各企业的北大计算机系校友担纲, 以讲座的方式讲授。讲座主要从创新与创业、在创业中成长、职业道路的选择与规划、学术科研与产业发展等四个方面展开, 讲座教师简介与讲座题目参见下表。

选课提示: 3月16日上午10点之前截止

选课时间: 每周周五10~11节 (6: 40-8: 30pm)

上课地点: 理教209

课程网站: <http://dlib.net.pku.edu.cn/career/>

本课程还将邀请美国前沿科技公司来北大给同学们做交流讲座。

三月美国前沿科技讲座预告: 私人航天飞机 + 无线充电

三月中旬XCOR公司 (<http://www.xcor.com/> 仅有的两家做私人航天飞机的公司之一, 今年年底试飞) 总裁安德鲁·尼尔森 (Andrew Nelson) 来北大跟同学们交流《太空旅行: 梦想、探索与现实》。

三月底美国无线电力企业WiTricity公司 (<http://witricity.com> 无线充电) 公司的CEO

亚历克斯格鲁泽 (Alex Gruzen) 来北大跟同学们做讲座《无线充电无限未来最前沿》。

本课程由投资人、创业者、公司高管、外教授课。

信息学院张铭、李妍老师主持，边凯归老师参与。

不编程，没考试。听听讲座，参加小组活动，期末商业计划。

授课教师团队：

投资人：金陵华软赵为、弘道投资李晓光、海银资本王煜全。创业者：酷我雷鸣，海量牛合庆，云校创始人(前百度大数据首席架构师)林仕鼎，数睿CTO邱宝军。公司高管：SAS北京研发总经理刘政，艾瑞集团杨伟庆，百度首席产品架构师孙云丰，微软人事经理郑菲。

以色列创业导师Dashti将深入指导每个团队商业计划书。

往届“微博转发推荐”、“玩嗨”等好几个学生项目获得了校友的天使投资支持，并参加了北大信科创新之夜活动，项目组信科本科生被遴选公费参加美国MIT创新课、CES等创新展示会。

英文简介 (Course Description) :

The summer course --- Career Planning and Leadership Development --- is a part of 20th Graduation anniversary for PKUCS Alumni. Since 2008, for five years in a row, students have given high praise for what they have learned and benefited in class.

The course is intended to assist students in their career development, by providing opportunities to communicate with alumni who have built successful careers. We aim at helping students define their goals, learn more about themselves, discover their interests, values, skills and temperament, and in turn develop their leadership. Especially, for senior students, we help them succeed in their career endeavors by facilitating more appropriate goal setting, decision making, and focused career selection.

This summer, more than ten professionals will be coming to campus to share their stories and explain how they've taken their skills and talents to form successful careers. The speakers come from a variety of backgrounds, including state-owned enterprises, international companies, start-ups, academia, government, etc. The following topics will be covered: the concepts and importance of career planning, lessons in making career choices and decisions, tips in maintaining and enhancing employability, analysis of trends and developments in China's innovation systems, case studies of IT industry in China, etc.

For more information, please visit the course homepage (<http://fusion.grids.cn/career/>).

-End-

课程号 (Course Number) : 04831950

课程名称 (Course Title) : 生物特征识别/Biometrics

开课院系 (School/Department) : 信息科学技术学院/School of Electronics Engineering and Computer Science

学分 (Credits) : 2

授课教师 (Faculty) : 李文新 教授 Professor

先修课程 (Prerequisites) : 无

中文简介:

信息化时代的一大特征就是个人身份的数字化和隐性化。如何准确鉴定一个人的身份,确保安全的当今信息化时代必须解决的一个关键性社会问题。目前,我国乃至世界的各种身份管理大部分使用证件、磁卡、IC卡和密码,这些手段无法避免伪造或遗失,密码也很容易被窃取或遗忘。这些都给管理者和使用者带来很大不方便。基于生物特征识别的身份验证可以避免这些麻烦。因此,有越来越多的研究者投身于这个领域,工业界也有了越来越多的产品。2003年5月,香港特区政府签发了第一张存储指纹特征的智能身份证,2003年11月,英国内政部也开始实施一项为期6个月的电子生物特征身份识别技术的试点,以便为将来在全国范围内推出新型身份证系统做准备。美国政府也自2004年初开始对所有出入境的外国公民采集双手食指指纹,用以防范恐怖袭击增强国土安全。显而易见,生物特征识别技术将在法律,安全,金融,商业,军队以及各种涉及身份认证的场合大有作为,正如比尔·盖茨曾作的断言那样,生物特征识别技术将成为未来若干年IT产业的重要革新。在本课程将系统的介绍生物特征识别技术的来源,发展和现状,教授学生相关领域的知识,拓展学生的视野,培养研究兴趣,通过课堂讲授,演示和组织学生阅读领域内的书籍和论文,引领学生去学习和掌握生物特征识别领域的基本知识与技术,为学生独立展开研究工作打下坚实的基础。

英文简介 (Course Description) :

无

-End-

课程号 (Course Number) : 04832330

课程名称 (Course Title) : 工程科学研究方法/Workshop on Engineering Research Methodologies

开课院系 (School/Department) : 信息科学技术学院/School of Electronics Engineering and Computer Science

学分 (Credits) : 2

授课教师 (Faculty) : 陈文新(校外) 待定

先修课程 (Prerequisites) : 无

中文简介:

科学研究是大学教育中的重要组成部分之一。目前的大学课程中很少涉及对科学研究方法的系统介绍。通常，低年级的本科生和研究生通过跟着高年级的同学进入项目研究，在此过程中自己总结实验技巧和研究方法。这种学习方法通常效率较低，并需要较长的时间才能够真正掌握有效的研究方法。

面向刚刚或者即将开始参与科学研究的学生，本课程将以课题讲授和讨论的形式，重点介绍学生感兴趣的科学研究过程和研究方法。学生通过课程学习，能够比较系统地掌握现代科学研究所需要研究方法，为以后的科研工作打下坚实的基础。

英文简介 (Course Description) :

Research is a very important education component in university. However, systematic approach to perform research has seldom been covered in normal university curriculum. Undergraduate and post-graduate students are used asked to perform research following their senior colleagues and pickup the skill by themselves. Given the many concerns of those confronted by a first-time research responsibility, this special workshop is intended primarily for students, both graduate and undergraduate, who have not experienced research but want to know more about the process and methods of research. It is a workshop style class with both lecture and discussion.

-End-

课程号 (Course Number) : 04832960

课程名称 (Course Title) : 大数据查询的理论和关键技术/Querying Big Data: Theory and Practice

开课院系 (School/Department) : 信息科学技术学院/School of Electronics Engineering and Computer Science

学分 (Credits) : 2

授课教师 (Faculty) : 曹永知 副教授 Associate Professor

先修课程 (Prerequisites) : 数据库原理 (或系统)、算法设计与分析、离散数学

中文简介:

大数据是下一个创新、竞争和生产力的前沿，大数据查询是大数据管理的重要组成部分。该课程涵盖大数据查询的基本问题和实用技术，探讨数据量（体量）和数据质量（精确性）产生的影响。

这是一个研究讲座课程。课程讲义中将提供所有课题的研究背景，学生在教师指导下阅读一些与课题相关、近期发表的研究论文，选做一个项目，并写一份报告。在课程开始，会给出所有项目的清单。每个项目要么是研究导向的，即通过设计算法，证明和分析去解决一个简单的研究问题；要么是开发导向的，即实现一个算法，并进行实验研究。

英文简介 (Course Description) :

Big data is the next frontier for innovation, competition, and productivity. Querying big data is an essential part of big data management. This course will cover fundamental issues and practical techniques for querying big data, studying the impact of both data quantity (Volume) and data quality (Veracity).

This is a research seminar course. Lectures will be delivered to provide background. Students are required to read a collection of recent research papers related to the topics, do a project, and write a final report. There will be a list of projects given out at the beginning of the course. Each project is either research-oriented, to solve a simple research problem by developing algorithms, proofs and analyses; or development-oriented, to implement an algorithm and conduct an experimental study.

-End-

课程号 (Course Number) : 04832970

课程名称 (Course Title) : 计算社会中近似算法设计/Approximation Algorithm Design in Computational Social Networks

开课院系 (School/Department) : 信息科学技术学院/School of Electronics Engineering and Computer Science

学分 (Credits) : 2

授课教师 (Faculty) : 刘田 副教授 Associate Professor

先修课程 (Prerequisites) : 算法分析与设计

中文简介:

本课程共32学时，主要讲解近似算法的分析与设计，所基于的问题是在研究计算社会中产生的。我们希望通过计算社会网络理论中偏重算法部分的系统介绍，使学生不仅仅了解了近似算法的分析与设计的技巧，而且了解了它在计算机科学的前沿领域中的应用。本课程包括了社会网络理论中社区划分、影响力最大化、谣言阻断、谣言源确认等内容，同时覆盖了贪婪算法、限制型算法、松弛型算法的设计与分析。与此同时介绍若干未解问题。

英文简介 (Course Description) :

This is a course of 32 hours, which contains advanced topics in design and analysis of approximation algorithms for optimization problems motivated from study of computational social networks. The goal of this course has two folds: (a) Let students learn techniques in design and analysis of approximation algorithms. (b) Lead students to frontier of research in computational social networks.

-End-

课程号 (Course Number) : 04832980

课程名称 (Course Title) : 嵌入式Linux操作系统/Embedded Linux Operating System

开课院系 (School/Department) : 信息科学技术学院/School of Electronics Engineering and Computer Science

学分 (Credits) : 2

授课教师 (Faculty) : 杨延军 工程师 Engineer, 吕国成 工程师 Engineer, 任全胜 副教授 Associate Professor

先修课程 (Prerequisites) : 1. 微机原理
2. 电子系统设计

中文简介:

嵌入式系统是一种“完全嵌入受控器件内部,为特定应用而设计的专用计算机系统”。随着电子技术的不断发展,采用以处理器为核心的电路设计,越来越广泛地应用在各种实际系统中。本课程从嵌入式系统的应用出发,采用主流的ARM处理器为硬件核心,使用Linux作为嵌入式的操作系统,通过五个基本实验的设计,让学生可以在比较短的时间内掌握嵌入式系统软硬件开发的基本流程。之后通过一个综合实验,让学生可以深入了解嵌入式系统的某个特定方向,并从中获得协同合作、查找资料等多种综合能力的训练。

“嵌入式系统”是一门综合实验课程,涉及到的理论知识有微机原理、操作系统、编译原理等多个方面。在实验的过程中需要运用包括汇编、C语言、C++、Shell脚本等多种编程语言。因此学生在实验过程中必须充分调动自己曾经学习过的知识,并利用参考书、网络、讨论等多种手段完成实验,并对学过的理论知识产生更加深入的理解。

英文简介 (Course Description) :

== Class Description ==

Embedded system is a computer system designed to perform one or a few specific functions. In this course we focus on a group of embedded system which uses ARM as its core processor and Linux as its main operating system. Through five hands-on experiments, students will learn a wide range of skills to control the hardware and program the embedded Linux.

== Course goals ==

- * Understand basics of embedded system.
- * Learn to work within the Linux programming environment.
- * Be familiarized with ARM architecture and ARM instruction set.
- * Know how to do networking programming and GUI programming under Linux.
- * Complete a small project with up to 2 partners.

-End-

课程号 (Course Number) : 04832990

课程名称 (Course Title) : 微纳电子专业综合实验/Comprehensive Experiment of Micro-Nano Electronics

开课院系 (School/Department) : 信息科学技术学院/School of Electronics Engineering and Computer Science

学分 (Credits) : 2

授课教师 (Faculty) : 傅云义 教授 Professor, 韩德栋 副教授 Associate Professor, 贾嵩 副教授 Associate Professor, 王玮 副教授 Associate Professor

先修课程 (Prerequisites) : 数字电路, 模拟电路, 半导体物理, 集成电路工艺, 数字集成电路设计

中文简介:

课程目标: 通过微纳电子专业实验, 使得学生了解微电子器件、集成电路设计、纳电子材料和MEMS器件的基本实验, 加深对相关基础知识的掌握

授课对象: 课程面向信息学院及北大其他相关院系的高年级本科生和研究生

外校的教师和高年级学生

课程内容:

微电子器件制备及测试-12学时

集成电路设计-9学时

纳电子材料制备和表征-6学时

微纳流控芯片应用-6学时

上课时间: 2015年暑期小学期, 共40学时

任课教师: 韩德栋, 傅云义, 王玮, 贾嵩, 崔小欣

选课人数: <20人

英文简介 (Course Description) :

Mission: Understand fundamental principle of integrated circuits design methodology, microelectronics device structure and testing.

-End-

课程号 (Course Number) : 06239030

课程名称 (Course Title) : 市场微结构模型专题/Topics in Market Microstructure Models

开课院系 (School/Department) : 国家发展研究院/National School of Development

学分 (Credits) : 1

授课教师 (Faculty) : Tai 待定

先修课程 (Prerequisites) : 微积分、线性代数、概率统计。

中文简介:

待补

英文简介 (Course Description) :

The course aims at introducing market microstructure models from economics, mathematics, and physics viewpoints. In order to prepare the student into the core, the course also offers a crash course on stochastic calculus and stochastic control theory. Upon completion, students are expected to understand the models covered in the course and possess basic skills to implement the models.

-End-

课程号 (Course Number) : 12639010

课程名称 (Course Title) : 综合社会实践实习/Comprehensive Social Practice Practicum

开课院系 (School/Department) : 城市与环境学院/College of Urban and Environmental Sciences

学分 (Credits) : 1

授课教师 (Faculty) : 冯长春 教授 Professor, 柴彦威 教授 Professor, 楚建群 讲师 Lecturer, 林坚 教授 Professor

先修课程 (Prerequisites) : 本科三年级结束后的城市规划专业学生

中文简介:

城市规划是理论与实践紧密结合的学科, 综合社会实践实习课, 要求学生直接参与教师的具体研究或实践的课题工作, 使学生在本专业相关实践中运用所学的理论知识, 加深课堂知识的理解, 初步掌握相关研究和实践的调研、资料查阅、数据分析、图件绘制等基本方法。

该课程由城市与区域规划系、城市与经济地理系全体教师共同承担, 各位老师根据自己的科研项目, 安排实习同学的实习内容。两系教师的研究方向涵盖了人文地理和城市规划的各相关领域。

英文简介 (Course Description) :

Urban planning is a subject which connects theory with practice closely. This course, Comprehensive Social Practice Practicum, requires students to participate in the specific research or projects of their teachers directly so that the students will use their professional knowledge in practice. This course will help students understand the knowledge in lecture deeply and have initial grasp of the basic methods of research and practice on investigation, data collection, data analysis, map drawing, etc.

-End-

课程号 (Course Number) : 12639020

课程名称 (Course Title) : 圆明园的历史与现状/Past and Today of Yuanming Imperial Garden

开课院系 (School/Department) : 城市与环境学院/College of Urban and Environmental Sciences

学分 (Credits) : 1

授课教师 (Faculty) : 阙维民 教授 Professor

先修课程 (Prerequisites) : 无

中文简介:

圆明园是圆明、万春与长春三园的总称, 始建于康熙四十六年(公元1707年), 是中国封建社会时期皇家园林的最后代表之一, 是18世纪集中外造园文化之大成的园林, 是中西方建筑文化艺术价值观念交流与融合的物质载体。1860年10月, 圆明园惨遭英法联军入侵官兵的劫焚, 震撼朝野, 惊骇世界, 是近代帝国主义列强毁灭世界人类文明之罪的物证场所。目前, 在如何保护与利用圆明园遗址的问题上, 存在着较大的争议。

本课程是在《中国圆明园遗址申报世界遗产前期调研》基础上开设的学术前沿特色课程，涉及圆明园的历史文献资料、历史地理环境、园林景观建设、文化遗产价值、遗址现存问题与遗址保护争议等专题，课程采用课堂教学与实地考察相结合教学方式。

英文简介 (Course Description) :

Yuanming Imperial Park, consisting of Yuanming, Wanchun and Changchun parks, built since 1707, is one of last masterpieces of imperial gardens during the feudal period in China, is the garden which combined East-West garden construction culture in 18 century, and is the tangible carrier for cultural ideas exchange between Chinese and the West architectural fields. It was burned and robbed by British and French allied forces in Dec. 1860, which shocked both China and World, and the ruin of the Garden become the evident site that confirms the guilty by 19th century imperial countries to destroy the world human civilization. At present, there are some intense arguments on how to protect and utilize the Ruin.

Basing on The Pre-research of China Yuanming Imperial Garden for nominating into the UNESCO World Heritage List, this course is a special course on the academic front, concerning with the topics about the Garden of historical materials, historical geography environment, garden landscape construction, cultural heritage value, current problem on the ruin and arguments of site protection etc..The teaching method of the course will combined classroom discussion with field work.

-End-

课程号 (Course Number) : 12739020

课程名称 (Course Title) : 环境化学野外实习/Environmental Chemistry Field Practice

开课院系 (School/Department) : 环境科学与工程学院/College of Environmental Sciences and Engineering

学分 (Credits) : 2

授课教师 (Faculty) : 梁宝生 讲师 Lecturer

先修课程 (Prerequisites) : 无机化学 分析化学

中文简介:

本课程以北京大学地球环境与生态系统塞罕坝实验站为实习基地。该实习基地具有较好的大气环境、水环境和土壤环境研究对象，方便开展广泛的

监测、采样活动；学生在指导教师的带领下，通过充分的准备，然后亲身参与各项监测、采样、分析、处理工作，最终完成翔实、科学的实习报告。本课程与环境化学理论课的讲述相配合，通过综合性的设计实验，培养学生进行环境化学问题研究的思路和方法，理解和掌握环境污染的产生、变化过程的检测、分析手段和数据处理方法，加深对环境保护的认识，提高学生分析问题和解决问题的能力。

英文简介 (Course Description) :

This course takes SaiHanBa Experimental Station of Geoenvironmental and Ecosystem, Peking University as its practice base. The base has good atmospheric environment, water environment and soil environment research object, It is suitable for extensive monitoring and sampling activity. Under the guidance of tutor, students take part in each monitoring, sampling, analysis and treatment by themselves, they accomplish full, accurate and scientific practice report. The course matches the theoretic course of environmental chemistry, it trains the research thought and method for the problems of environmental chemistry of the students, it also helps the students to deepen the understanding of environmental protection, and improves their ability to analyze and solve problems.

-End-

课程号 (Course Number) : 12739040

课程名称 (Course Title) : 环境综合实习一/Environmental Integrated Fieldwork One

开课院系 (School/Department) : 环境科学与工程学院/College of Environmental Sciences and Engineering

学分 (Credits) : 1

授课教师 (Faculty) : 温东辉 副教授 Associate Professor, 刘兆荣 副教授 Associate Professor

先修课程 (Prerequisites) : 实习环节安排在《环境问题》课程之后，学生对可持续发展的环境保护概念有了初步认知。

中文简介:

本课程为认知实习，是为环境科学与工程专业本科生安排的首次系统的、综合性的实践环节。

本实习环节安排在《环境问题》课程之后，学生对可持续发展的环境保护概念有了初步认知。通过现场参观、访谈等环节，引导学生在实践中了解环境问题的由来和针对环境问题所采取的措施，认识人类活动与环境变迁的相互影响、相互依存的关系，体会可持续发展的重要性和必要性。通过认识环境保护工作的重要性，加深对本专业的了解，增强学习兴趣。

本实习环节立足东南沿海高新区，以珠海为中心建立实习基地，以环境保护、生态多样性保护、城市可持续发展与环境保护为主线，组织学生对自然生态环境和城市环境进行全方位的考察，包括河流、湖泊、水库等水体环境，从给水到排水的整体流程，从大气环境背景到城市区域空气环境的质量监测，从废物产生到储运、处置的全过程监督，从政府监管到企业参与环境保护，从城乡建设到经济与生态共赢，实地了解环境保护、环境监测、污染处置、城乡建设工作的意义和价值。

实习内容以主题线路串连，实习过程以观察、讲解、访谈和讨论方式展开，本着“且行且思且学”的原则，学生在考察中“看到”环境问题所在，“思考”环境问题发生的根由和解决之道，“学习”其中包含的环境科学与工程的专业知识，体会环境保护和可持续发展的重要性和必要性。

英文简介 (Course Description) :

This course is the cognitive practice. It is the first systematic, integrated practice session for the environmental science and engineering undergraduates.

The practice sessions scheduled after "environmental issues" course. Students had got the initial concept of sustainable development awareness. Through site visits, interviews and other sectors, this course should guide students to understand the origin and measures taken for environmental issues, environmental problems in practice, understanding the interaction and interdependence between human activities and environmental changes, and appreciate the importance of sustainable development necessity. By recognizing the importance of environmental protection, the students should get a better understanding of the profession and enhance their interest in learning. The practice session is based on the southeast coast of Hi-tech Zone, and should establish practice bases around Zhuhai. Along the main line with environmental protection, biodiversity protection and sustainable urban development and environmental protection, the students should be organized to inspect fully on the natural environment and the urban environment, which include the water environment of rivers, lakes, reservoirs, etc. From the whole process of the water to the drain, from the background atmosphere to the ambient air quality monitoring in urban areas, from the entire supervise process of waste generation to storage and disposal, from government regulation to business participation in environmental protection, from the urban construction to economic and ecological co-benefit, the students should learn more meaning and value about environmental protection, environmental monitoring, pollution disposal, urban and rural construction work.

Internship contents are stringed up with theme line series. The fieldwork process include observition, explanation, interview and discussion. Based on the principle of "thinking and learning while walking", the students "see" the environment problem in the study of the fieldwork, and "think" root causes and solutions of the environmental issues, and "learn" environmental science and engineering expertise which are included inside, and experience the importance and necessity of environmental protection and sustainable development.

-End-

课程号 (Course Number) : 12739050

课程名称 (Course Title) : 城市挑战计划/Urban Challenge

开课院系 (School/Department) : 环境科学与工程学院/College of Environmental Sciences and Engineering

学分 (Credits) : 2

授课教师 (Faculty) : 郑玫 教授 Professor

先修课程 (Prerequisites) : 无

中文简介:

针对目前国际上关注的大气污染问题，邀请北京大学、哥本哈根商学院、哥本哈根大学、丹麦技术大学等四所高校知名教授进行联合授课。由中国与丹麦学生共同参与，分别设置教授讲座、社会实践、学生讨论与汇报展示等环节。课程紧密围绕“大气污染”这一主题，课程内容涵盖中国大气污染概况综述、国际现有大气质量监测技术与网络、大气质量的模拟、预测与评估、大气污染的健康效应、大气污染的控制技术与管理政策、大气与海洋的交互作用等方面。

英文简介 (Course Description) :

This course will focus on air pollution, which is of great concern worldwide. Teachers will be from well-recognized universities including Peking University, Copenhagen Business School (CBS), Technical University of Denmark (DTU) and University of Copenhagen (KU). Participants include Chinese and Danish students. Different formats will be provided in this course, e.g. professor lectures, social practices, student discussion, and final group presentation. Courses will focus on the theme of air quality, and details will be introduced from the following areas: 1) introduction of air pollution (history and current status), 2) control and management of air pollution, 3) advanced air quality monitoring techniques and networks, 4) air quality modeling, 5) forecasting and assessment, 6) health effects of air pollution, 7) control and management policies of air pollution, and 8) interaction between atmosphere and ocean.

-End-

课程号 (Course Number) : 18050150

课程名称 (Course Title) : 营养与疾病/Nutrition and Disease

开课院系 (School/Department) : 医学部教学办

学分 (Credits) : 1

授课教师 (Faculty) : 张玉梅 副教授 Associate Professor, 朱文丽 副教授 Associate Professor

先修课程 (Prerequisites) : 无

中文简介:

有营养就有健康, 营养状况良好可预防疾病的发生。近年来发病率显著上升的慢性疾病如糖尿病、高血压、肥胖等主要由膳食不合理引起, 1/3癌症与膳食有关; 调查发现, 良好的营养状况, 可增强人体的免疫力, 预防感染性疾病的发生。

随着生活水平的提高, 人们更关注营养。去年的一项调查发现, 医学相关专业及临床医生的营养学知识欠缺, 普通大众更缺乏科学的营养学知识。

本课程作为北京大学医学部校内选修、校际选修已开展10年, 自2002年起, “营养与疾病”一直是医学部校际选修选课学生人数最多的课程。任课老师授课活泼、生动, 营养知识科学化、科普化, 受到了广泛欢迎。

英文简介 (Course Description) :

We can be healthy only when we own nutriment. The good condition of nutrition can keep us away from illness. The incidence of the chronic disease, such as diabetes, hypertension, adiposity etc, has increased sharply in recent years. Most of these diseases are mainly caused by unscientific meal. Furthermore, 1/3 of the cancers have something to do with meal. According to investigates, the good condition of nutrition can not only strengthen the immunological function but also prevent diseases.

Along with the improvement of the standard of living, people pay more attention to nutrition. On the basis of a survey last year, people who had professional knowledge of medicine and clinical doctors were lack of nutrition knowledge, while general people were more short of scientific nutrition information. This course, as the intramural and interscholastic elective of Peking University Health Science Center, has already developed for 10 years. “Nutrition and Disease” has been the most popular interscholastic elective of Peking University Health Science Center since 2002. The teachers of this course are widely welcomed for teaching lively and making

nutrition knowledge understandable and scientific.

-End-

课程号 (Course Number) : 18050180

课程名称 (Course Title) : 人体免疫与健康养生/Cryptogram of Immunology

开课院系 (School/Department) : 医学部教学办

学分 (Credits) : 1

授课教师 (Faculty) : 王月丹 副教授 Associate Professor

先修课程 (Prerequisites) : 无

中文简介:

本门课程是从免疫学的角度介绍如何建立科学的生活方式，走出生活中的各种影响机体免疫的误区，从而达到预防疾病和保持身体健康的目的。免疫及免疫力一直是人类健康的重要话题，在很多疾病（如恶性肿瘤、哮喘、肝炎和爱滋病等感染性疾病等等）的过程中，免疫因素均扮演着十分重要的作用。可是，你知道吗？免疫系统和人体的其它系统一样，伴随着机体的成长而成长，伴随着机体的衰老而衰老，在人类发育的各个时期均有其相应的特点，在不同的发育阶段必须制定相应的健康免疫养生策略，才能保护我们的免疫系统，使其充分发挥功能，达到健康养生的目的。同时，免疫系统对外界十分敏感，社会发展、环境污染和心理压力加大，甚至各种医疗技术的使用（如美容手术）等因素，均可能导致免疫系统的损伤甚至崩溃，引起各种疾病。在课程的教学中，主要包括人体免疫系统及功能的基本介绍、疾病中免疫问题和免疫与健康养生的关系等内容。通过本课程的学习，学生可以初步掌握免疫学及免疫系统功能的主要机制和一般规律，了解免疫与健康养生的基本原理，同时还能了解现代免疫学技术在医学生物学领域中的应用知识。

英文简介 (Course Description) :

In this curriculum, the students will be encouraged in learning basic knowledges and principles in immunology and its role in health in their lifes. Several immunological problems, such as immunity against bacteria, tumoral cells and virus, and the mechanism for transplantation immunity and autoimmune diseases will be involved in the discussion.

-End-

课程号 (Course Number) : 30330500

课程名称 (Course Title) : ACM/ICPC竞赛训练/ACM/ICPC Training

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 郭炜 讲师 Lecturer

先修课程 (Prerequisites) : C++, 数据结构; 或有中学生信息奥赛经历

中文简介:

北京大学的ACM国际大学生程序设计竞赛(ACM/ICPC)水平在国内处于领先地位,自2005年至2008年每年均参加总决赛,名次分别为11(铜牌), 13, 14, 13。北京大学的Online Judge --- POJ 更是国内最有影响力的ACM/ICPC竞赛训练平台,在国际上也有较高知名度和较多用户。

北京大学ACM/ICPC竞赛队精英汇集,大多数队员都曾在全国中学生信息学奥赛上取得过优异成绩,或在ACM/ICPC亚洲区预选赛中获得过金奖。北京大学ACM/ICPC竞赛队通过多年的积累,已经形成了一套行之有效的系统训练方法。

本课程为准备参加ACM/ICPC的同学设置。和北京大学ACM/ICPC竞赛队的队员一起学习、交流、训练,一定会对提高参训学校的竞赛成绩大有帮助。

英文简介 (Course Description) :

-End-

课程号 (Course Number) : 30340009

课程名称 (Course Title) : 中国民俗与文化/Chinese Folklore and Culture

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 王娟 副教授 Associate Professor

先修课程 (Prerequisites) : There is no prerequisite for this course.

中文简介:

本课程主要从神话、民俗、节日、传统食物、民间艺术以及建筑等方面介绍中国人文。课程将重点介绍历史、安全、神圣、家族、神、秩序等中国文化的关键方面。

英文简介 (Course Description) :

The purpose of this course is to introduce the Chinese people and their culture from the perspectives of myths, folktales, festivals, traditional food, folk arts and architectures, and so on. Within these topics, we will focus especially on some of the key themes of Chinese culture such as history, safety, sacredness, family, gods, order, and so on.

-End-

课程号 (Course Number) : 30340015

课程名称 (Course Title) : 比较哲学: 中国和西方/Comparative Philosophy: China and the West

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : Roger T. Ames(校外) 待定

先修课程 (Prerequisites) : Students should have a basic knowledge of the Western cultural narrative and an interest in Chinese philosophy.

中文简介:

With the rise of China over the past generation we have witnessed a sea change in the economic and political order of the world. The G8 has become the G20 and GDP in the region has grown by 400%. What are the implications of this dramatic sea change for the world

cultural order? Will Chinese culture make a difference over the next generation, and if so, what does it have on offer? Economic and political change is relatively easy to track, but how do we assess cultural change? How do we make responsible cultural comparisons between China and contemporary Western liberal assumptions?

英文简介 (Course Description) :

With the rise of China over the past generation we have witnessed a sea change in the economic and political order of the world. The G8 has become the G20 and GDP in the region has grown by 400%. What are the implications of this dramatic sea change for the world cultural order? Will Chinese culture make a difference over the next generation, and if so, what does it have on offer? Economic and political change is relatively easy to track, but how do we assess cultural change? How do we make responsible cultural comparisons between China and contemporary Western liberal assumptions?

-End-

课程号 (Course Number) : 30340025

课程名称 (Course Title) : 中国经济导论/Introduction to Chinese Economy

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 秦雪征 副教授 Associate Professor, 季曦 讲师 Lecturer

先修课程 (Prerequisites) : A university-level introductory course in Economics (e.g. Principles of Economics).

中文简介:

China's fast economic growth has generated great interest among media, scholars and ordinary people around the world. The aim of this course is to provide the students with an overview of China's economic development and its role in the world economy. Theoretical knowledge and empirical analyses will be used to help the students understand China's economic transition process. The topics covered include the history of a modern Chinese economy, the principles that guided China's institutional reforms, the transitional paths in its agricultural, industrial, financial and foreign sectors, and the multi-dimensional challenges confronting China's future

economic growth. Upon completion of the course, students are expected to be familiar with China's economic system, its current economic reforms, and the challenges that the country faces in the twenty-first century.

英文简介 (Course Description) :

China's fast economic growth has generated great interest among media, scholars and ordinary people around the world. The aim of this course is to provide the students with an overview of China's economic development and its role in the world economy. Theoretical knowledge and empirical analyses will be used to help the students understand China's economic transition process. The topics covered include the history of a modern Chinese economy, the principles that guided China's institutional reforms, the transitional paths in its agricultural, industrial, financial and foreign sectors, and the multi-dimensional challenges confronting China's future economic growth. Upon completion of the course, students are expected to be familiar with China's economic system, its current economic reforms, and the challenges that the country faces in the twenty-first century.

-End-

课程号 (Course Number) : 30340028

课程名称 (Course Title) : 转型时期的中国公共政策/Transition and Public Policy in China

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 李永军 副教授 Associate Professor

先修课程 (Prerequisites) : Students are expected to have fundamental knowledge in economics.

中文简介:

This is an introductory course about China's public policy in the process of economic, administrative and social transition. We will provide major facts and alternative explanations for various policy problems and corresponding public policies during this transition. Major topics covered in the course include: public administration and public policies in the centrally planned economy period, major reforms after 1978 (including rural reforms, urban reforms, state-owned enterprise reforms, financial reforms and administrative

reforms), current problems and major public policies, etc.

英文简介 (Course Description) :

This is an introductory course about China' s public policy in the process of economic, administrative and social transition. We will provide major facts and alternative explanations for various policy problems and corresponding public policies during this transition. Major topics covered in the course include: public administration and public policies in the centrally planned economy period, major reforms after 1978 (including rural reforms, urban reforms, state-owned enterprise reforms, financial reforms and administrative reforms), current problems and major public policies, etc.

-End-

课程号 (Course Number) : 30340032

课程名称 (Course Title) : 1949年以来的中国/China since 1949

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 王希 教授 Professor

先修课程 (Prerequisites) : The course is suitable for all students with a general interest in Chinese history and China studies. A background in Chinese history or history is preferred but not required.

中文简介:

“China since 1949” is an analytic survey of the history of the People' s Republic of China from 1949 to the present. The main objective of the course is to offer students, through reading and discussion of both primary and secondary historical sources, a clear and coherent account of the major events that had shaped the evolution of the nation' s development. Included in the lecture and discussion are such topics as: 1) the origins of Chinese Communist movement in the early 20th century; 2) struggles for the founding of the People' s Republic; 3) social transition to socialism and its challenges in the early 1950s; 4) China and the Korean War; the Anti-Rightist movement and the fall of intellectuals; 5) the Great Leap Forward and attempted economic modernization; 6) revolution and reforms

in China' s frontiers; 7) the Great Proletarian Cultural Revolution; the end of Maoist era; 8) China and the Cold War; 9) the end of Maoist era and the beginning of "Reform and Opening-up" ; 10) the trajectory of China' s economic miracle and its winners and losers; 11) prospect and challenges of China' s modernization in a global age. It is hoped that the course will help students to gain an in-depth understanding of the history of the People' s Republic, as well as to become familiar with diverse historical perspectives and interpretations of modern Chinese history. The course will be taught in English. All the assignments and examination will be in English. Knowledge of the Chinese language is not required.

英文简介 (Course Description) :

"China since 1949" is an analytic survey of the history of the People' s Republic of China from 1949 to the present. The main objective of the course is to offer students, through reading and discussion of both primary and secondary historical sources, a clear and coherent account of the major events that had shaped the evolution of the nation' s development. Included in the lecture and discussion are such topics as: 1) the origins of Chinese Communist movement in the early 20th century; 2) struggles for the founding of the People' s Republic; 3) social transition to socialism and its challenges in the early 1950s; 4) China and the Korean War; the Anti-Rightist movement and the fall of intellectuals; 5) the Great Leap Forward and attempted economic modernization; 6) revolution and reforms in China' s frontiers; 7) the Great Proletarian Cultural Revolution; the end of Maoist era; 8) China and the Cold War; 9) the end of Maoist era and the beginning of "Reform and Opening-up" ; 10) the trajectory of China' s economic miracle and its winners and losers; 11) prospect and challenges of China' s modernization in a global age. It is hoped that the course will help students to gain an in-depth understanding of the history of the People' s Republic, as well as to become familiar with diverse historical perspectives and interpretations of modern Chinese history. The course will be taught in English. All the assignments and examination will be in English. Knowledge of the Chinese language is not required.

-End-

课程号 (Course Number) : 30340033

课程名称 (Course Title) : 镜中观花——中国人的价值观/Flower in the Mirror: the Chinese and his Values

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 韩金鹏 副教授 Associate Professor

先修课程 (Prerequisites) : NO

中文简介:

The present course helps investigate the realm of values in which a Chinese approaches his family, love life, friends, education, career, and serious issues like nature, space, time, and inevitably, life and death. Texts cover a wide range of sources including classical and contemporary literature, social wisdoms and folklores, ancient philosophies and latest twitter discussions. In passing, there will also be substantial discussions on how a Chinese waves his lances of values and gropes for his identity in the postmodern maelstrom of information, globalization and political economy. It thus aims at a comprehensive understanding of Chinese values in the comparative light of tradition and individuality and of the Chinese in the eyes of other peoples and cultures and vice versa.

英文简介 (Course Description) :

The present course helps investigate the realm of values in which a Chinese approaches his family, love life, friends, education, career, and serious issues like nature, space, time, and inevitably, life and death. Texts cover a wide range of sources including classical and contemporary literature, social wisdoms and folklores, ancient philosophies and latest twitter discussions. In passing, there will also be substantial discussions on how a Chinese waves his lances of values and gropes for his identity in the postmodern maelstrom of information, globalization and political economy. It thus aims at a comprehensive understanding of Chinese values in the comparative light of tradition and individuality and of the Chinese in the eyes of other peoples and cultures and vice versa.

-End-

课程号 (Course Number) : 30340035

课程名称 (Course Title) : 中国因素: 应对中国的全球挑战/The China Factor--- Managing China' s Global Challenges

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 梁薇(校外) 待定

先修课程 (Prerequisites) : No

中文简介:

The rise of China over the last two decades is one of the most significant events that shape global market competition, trade and economic development, and geopolitics. Its implications on worldly issues from global and regional peace and security to the sustainability of the environment are profound. The China factor is an amalgamation of dynamic, complex and interactive forces that appear as problems, puzzles or challenges to different people at different times. This course aims to provide an orientation for students to understand those forces, especially those related to the major stakeholders and their evolving relationships, policies and game rules, and collective behaviors. The orientation is grounded in both Chinese historical and cultural legacies and the contexts of China's state building, modernization and globalization. The course covers a wide array of topics in primarily three areas: international relations, investment and trade, and market competition.

英文简介 (Course Description) :

The rise of China over the last two decades is one of the most significant events that shape global market competition, trade and economic development, and geopolitics. Its implications on worldly issues from global and regional peace and security to the sustainability of the environment are profound. The China factor is an amalgamation of dynamic, complex and interactive forces that appear as problems, puzzles or challenges to different people at different times. This course aims to provide an orientation for students to understand those forces, especially those related to the major stakeholders and their evolving relationships, policies and game rules, and collective behaviors. The orientation is grounded in both Chinese historical and cultural legacies and the contexts of China's state building, modernization and globalization. The course covers a wide array of topics in primarily three areas: international relations, investment and trade, and market competition.

-End-

课程号 (Course Number) : 30340043

课程名称 (Course Title) : 现代中国文化与社会 (1910年至今) /Modern Chinese Culture and Society (1910-present)

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 蒋晖 副教授 Associate Professor

先修课程 (Prerequisites) : No

中文简介:

This course will introduce the students to some essential texts of modern Chinese Literature (1910–present) with which we expect, at the end of the semester, to achieve some general yet concrete views of modern Chinese society and its literary imagination. The key texts are drawn from the writings of the most famous Chinese writers including Lu Xun, founder of modern Chinese Literature, Mo Yan, winner of 2012 Nobel Prize in Literature, and etc,. Our reading will concern the following questions: in what social and political conditions these texts were produced, to what audience did they target, what would be Chinese ways to deal with the social issues such as women question, class struggle, fantasy of modern city life, political chaos and return to order, the building of civil society as well as other cultural and political issues? Besides these political, social and cultural approaches to literature, we will also study the relationship between literature and politics and how the course of modern Chinese literature continued to be politicized as part of a project of modern nation–state creation?

英文简介 (Course Description) :

This course will introduce the students to some essential texts of modern Chinese Literature (1910–present) with which we expect, at the end of the semester, to achieve some general yet concrete views of modern Chinese society and its literary imagination. The key texts are drawn from the writings of the most famous Chinese writers including Lu Xun, founder of modern Chinese Literature, Mo Yan, winner of 2012 Nobel Prize in Literature, and etc,. Our reading will concern the following questions: in what social and political conditions these texts were produced, to what audience did they target, what would be Chinese ways to deal with the social issues such as women question, class struggle, fantasy of modern city life, political chaos and return to order, the building of civil society as well as other cultural and political issues? Besides these political, social and cultural approaches to literature, we will also study the relationship between literature and politics and how the course of modern Chinese literature continued to be politicized as part of a project of modern nation–state creation?

-End-

课程号 (Course Number) : 30340045

课程名称 (Course Title) : 中国地方政府与政治/Local Government and Politics in China

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 张长东 讲师 Lecturer

先修课程 (Prerequisites) : No

中文简介:

This is an introductory course of the local government and politics in China, covers the central-local relationships, local people's congress, local government and business, labor and peasants, and how the local state promotes or constraints economic development and social change of China after 1949.

Lectures will be supplemented by videos, class discussion.

英文简介 (Course Description) :

This is an introductory course of the local government and politics in China, covers the central-local relationships, local people's congress, local government and business, labor and peasants, and how the local state promotes or constraints economic development and social change of China after 1949.

Lectures will be supplemented by videos, class discussion.

-End-

课程号 (Course Number) : 30340048

课程名称 (Course Title) : 中国传统认同与其现代变迁/Chinese Traditional Identity and its transformation after 1949

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 孙飞宇 副教授 Associate Professor

先修课程 (Prerequisites) : None

中文简介:

Who is Chinese? How did Chinese people think about themselves? How did this identity change throughout the Revolution? This course will lead you explore several key phenomenon of the identity transformation in 20th century China. The first target of this introductory course is to help students to understand the basic structure of Chinese traditional identity from a perspective of sociology. Based on this understanding, this course will further the topic into the transformation of Chinese traditional identity after 1949, especially during the Land Revolution and today' s Reform and Open policy period. Required readings include both Chinese classical texts and modern sociological/anthropological works. A study tour of The Military Museum of the Chinese People' s Revolution and several movies will be arranged for students understanding of this transformation.

英文简介 (Course Description) :

Who is Chinese? How did Chinese people think about themselves? How did this identity change throughout the Revolution? This course will lead you explore several key phenomenon of the identity transformation in 20th century China. The first target of this introductory course is to help students to understand the basic structure of Chinese traditional identity from a perspective of sociology. Based on this understanding, this course will further the topic into the transformation of Chinese traditional identity after 1949, especially during the Land Revolution and today' s Reform and Open policy period. Required readings include both Chinese classical texts and modern sociological/anthropological works. A study tour of The Military Museum of the Chinese People' s Revolution and several movies will be arranged for students understanding of this transformation.

-End-

课程号 (Course Number) : 30340049

课程名称 (Course Title) : “中国崛起” 专题研讨课/MAJOR ISSUES CONCERNING THE RISE OF CHINA

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 徐昕(校外) 待定

先修课程 (Prerequisites) :

中文简介:

The rise of China is one of the most important and defining themes in contemporary international relations. This seminar course is intended for advanced undergraduate students to examine major issues and topics concerning the rise of China from a broad theoretical perspective, and to engage in the academic discourse and policy debate about implications of China's rise for world politics. The seminar is organized around the central question - will China's rise bring about a fundamental change to the international system? - and roughly divided into three sections: (1) China's rise and the “paradigm change” in world politics; (2) China's quest for identity and order; and (3) implications of China rising for Asia and the world. Under each of these sections, a few specific topics are identified for class discussion.

Students wishing to enroll in this course are expected to have basic knowledge of international relations and China's foreign policy.

英文简介 (Course Description) :

The rise of China is one of the most important and defining themes in contemporary international relations. This seminar course is intended for advanced undergraduate students to examine major issues and topics concerning the rise of China from a broad theoretical perspective, and to engage in the academic discourse and policy debate about implications of China's rise for world politics. The seminar is organized around the central question - will China's rise bring about a fundamental change to the international system? - and roughly divided into three sections: (1) China's rise and the “paradigm change” in world politics; (2) China's quest for identity and order; and (3) implications of China rising for Asia and the world. Under each of these sections, a few specific topics are identified for class discussion.

Students wishing to enroll in this course are expected to have basic knowledge of international relations and China' s foreign policy.

-End-

课程号 (Course Number) : 30340052

课程名称 (Course Title) : 中国传统健身、饮食与养生/Chinese Traditional Body Exercise, Diet and Health Preservation

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 卢福泉 副教授 Associate Professor

先修课程 (Prerequisites) : No pre-requisites to enroll in this course.

All undergraduates might be the Target audience.

中文简介:

It is said there are three things interest westerners about china: food, health preservation, and finance. Those students who enroll in the course of Chinese Traditional Body Exercise, Diet and Health preservation will have chance to experience two of the three hot topics and know how the ancient Chinese people maintain their health via simple but effective body exercise and balance diet. The course will not only introduce and practice the most popular body exercises, such as Taiji, Baduanjin, Wuqinxi, but also the most mystery one, which is frequently appeared in the most popular martial arts novels, such as Yijingjing and Qigong. All the exercises will be demonstrated by the teaching assistants who are experts in that filed. The course will also apply the foundations of Traditional Chinese Medicine, such as basic conceptions, theories, and principles of Health preservation in TCM and reveal Chinese diet, which sometime play important roles as medicine and why. As one of the complementary common methods of health preservation, the acupuncture, moxibustion, and massage will be introduced as well. The course designer wish finally western undergraduates understand the associations between exercise, diet and health in very Chinese health preservation' s way.

英文简介 (Course Description) :

It is said there are three things interest westerners about china: food, health preservation, and finance. Those students who enroll

in the course of Chinese Traditional Body Exercise, Diet and Health preservation will have chance to experience two of the three hot topics and know how the ancient Chinese people maintain their health via simple but effective body exercise and balance diet. The course will not only introduce and practice the most popular body exercises, such as Taiji, Baduanjin, Wuqinxi, but also the most mystery one, which is frequently appeared in the most popular martial arts novels, such as Yijingjing and Qigong. All the exercises will be demonstrated by the teaching assistants who are experts in that filed. The course will also apply the foundations of Traditional Chinese Medicine, such as basic conceptions, theories, and principles of Health preservation in TCM and reveal Chinese diet, which sometime play important roles as medicine and why. As one of the complementary common methods of health preservation, the acupuncture, moxibustion, and massage will be introduced as well. The course designer wish finally western undergraduates understand the associations between exercise, diet and health in very Chinese health preservation' s way.

-End-

课程号 (Course Number) : 30340053

课程名称 (Course Title) : 中国的宪法和政治体系/China' s Constitution and Political System

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 段德敏 讲师 Lecturer

先修课程 (Prerequisites) : This course is for undergraduate students. No particular pre-knowledge about China' s constitution and political system is required.

中文简介:

This course is intended for undergraduate students to understand basic components of China' s constitution and political system. It combines theoretical analysis with factual introduction, with the aim of enabling students to be quickly familiar with constitutional issues in China. Two theoretical questions will be asked throughout the course: 1. What is the relationship between law and political regime in China? 2. How do we understand the gap between law on paper and rule in reality in China? Guided by these two central questions, this course roughly breaks into three sections: 1. How do we read China' s Constitution; 2) Constitutional law and political regime;

3) Constitution and political reform. Under each section, a few sub-topics are to be specified.

英文简介 (Course Description) :

This course is intended for undergraduate students to understand basic components of China's constitution and political system. It combines theoretical analysis with factual introduction, with the aim of enabling students to be quickly familiar with constitutional issues in China. Two theoretical questions will be asked throughout the course: 1. What is the relationship between law and political regime in China? 2. How do we understand the gap between law on paper and rule in reality in China? Guided by these two central questions, this course roughly breaks into three sections: 1. How do we read China's Constitution; 2) Constitutional law and political regime; 3) Constitution and political reform. Under each section, a few sub-topics are to be specified.

-End-

课程号 (Course Number) : 30340055

课程名称 (Course Title) : 中国经济专题/Special Topics in Chinese Economy

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 王章卫(校外) 待定

先修课程 (Prerequisites) :

中文简介:

Course Content and Approach

Over three decades, the Chinese economy undergone a rapid economic transformation at an unprecedented pace and scale. Transforming from a centrally planned economy to a market-oriented system - institutional change induced fiscal, agricultural, enterprise as well as financial system and banking reforms - that ushered an era of industrialization and globalization. After experiencing decades of sustained growth, Chinese economy is at a crossroad - with emerging issues of economic imbalance, environmental degradation, inequity, social security to aging population compels scholars to rethink China's development path. The course aims to challenge

students to develop a critical view of the ‘China miracle’ and obtain an informed perspective of developmental approach that China should take in the future.

This intense course focus on the special topics that are key to China’s future economic development. Throughout the course, case studies and special topic research will serve as core teaching material.

英文简介 (Course Description) :

Course Content and Approach

Over three decades, the Chinese economy undergone a rapid economic transformation at an unprecedented pace and scale. Transforming from a centrally planned economy to a market-oriented system - institutional change induced fiscal, agricultural, enterprise as well as financial system and banking reforms - that ushered an era of industrialization and globalization. After experiencing decades of sustained growth, Chinese economy is at a crossroad - with emerging issues of economic imbalance, environmental degradation, inequity, social security to aging population compels scholars to rethink China’s development path. The course aims to challenge students to develop a critical view of the ‘China miracle’ and obtain an informed perspective of developmental approach that China should take in the future.

This intense course focus on the special topics that are key to China’s future economic development. Throughout the course, case studies and special topic research will serve as core teaching material.

-End-

课程号 (Course Number) : 30340058

课程名称 (Course Title) : 当代中国的社会问题与政策应对/Social Issues and Policy Responses in Contemporary China

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 高翔 讲师 Lecturer

先修课程 (Prerequisites) : None

中文简介:

This course is an empirical evidence based course. It will provide an overview of the contemporary discussions on issues related to poverty, education, health care services, and social welfare in China. It will also introduce students the policy responses toward these issues, as well as basics on social research methods and policy analysis theories. At the conclusion of this course, students will be able to understand the role of public policy and its implementation in producing, maintaining and alleviating social problems in China. Furthermore, students will obtain a solid understanding of some fundamental theoretical and methodological frameworks. ?

The content of this course will be delivered with lectures, together with student presentations and discussions. The course has eight topics that will be introduced in four weeks. Students are expected to actively participate in discussions in class. This course welcomes diverse points of view. Students should read the assigned materials before attending the lectures. Also, students are expected to discuss the assigned articles and relevant social issues in class.

英文简介 (Course Description) :

This course is an empirical evidence based course. It will provide an overview of the contemporary discussions on issues related to poverty, education, health care services, and social welfare in China. It will also introduce students the policy responses toward these issues, as well as basics on social research methods and policy analysis theories. At the conclusion of this course, students will be able to understand the role of public policy and its implementation in producing, maintaining and alleviating social problems in China. Furthermore, students will obtain a solid understanding of some fundamental theoretical and methodological frameworks. ?

The content of this course will be delivered with lectures, together with student presentations and discussions. The course has eight topics that will be introduced in four weeks. Students are expected to actively participate in discussions in class. This course welcomes diverse points of view. Students should read the assigned materials before attending the lectures. Also, students are expected to discuss the assigned articles and relevant social issues in class.

-End-

课程号 (Course Number) : 30340059

课程名称 (Course Title) : 中国古典诗词/Classical Chinese Poetry

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 梅申友 讲师 Lecturer

先修课程 (Prerequisites) : Some basic knowledge of Chinese is preferable, but not mandatory.

中文简介:

As a time-honored genre, poetry enjoyed an unrivalled status in classical Chinese literature. This course offers a survey of classical Chinese poetry by studying its evolution from about the 11th century B.C to the 12th century AD, when poetry had almost passed the zenith of its development. We shall study its two major forms — Shi poetry & Ci poetry (song lyrics) — and examine their various modes by focusing on the most representative works in history, particularly by ten major poets, with due attention to their distinctive life experience and the cultural context of each poem. By the end of the term, students will be enabled to cultivate their capacity for independent appreciation and to catch a glimpse of the breadth, depth and wealth of classical Chinese poetry.

英文简介 (Course Description) :

As a time-honored genre, poetry enjoyed an unrivalled status in classical Chinese literature. This course offers a survey of classical Chinese poetry by studying its evolution from about the 11th century B.C to the 12th century AD, when poetry had almost passed the zenith of its development. We shall study its two major forms — Shi poetry & Ci poetry (song lyrics) — and examine their various modes by focusing on the most representative works in history, particularly by ten major poets, with due attention to their distinctive life experience and the cultural context of each poem. By the end of the term, students will be enabled to cultivate their capacity for independent appreciation and to catch a glimpse of the breadth, depth and wealth of classical Chinese poetry.

-End-

课程号 (Course Number) : 30340060

课程名称 (Course Title) : 国际人力资源管理: 东方、西方和新兴市场/International Human Resource Management: West, East, and the Emerging

Markets

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 杨妮妮(校外) 待定

先修课程 (Prerequisites) : There is no prerequisite for this course.

中文简介:

Country-firm specific cases will be incorporated in the multinational context with special attention to comparative human resource management practices, challenges, and the role of HR in global strategic decisions involving diverse countries and regions such as China, India, Europe, and the United States.

This course is an advanced seminar in International Human Resource Management. The course is designed to introduce students to the nature of developing and managing human resources in international, multinational, global, and transnational firms. It explores the complexity, challenges, and choices that firms are faced with and strategies they use to effectively develop and manage their international workforce in culturally and geographically diverse environments. The course distinguishes international from domestic HR practices. It provides students with an in-depth understanding of the basic problems inherent in IHRM as well as a sound basis to further explore the international dimensions for future business and career aspirations. The principle focus of this course is the development of global leaders through cross-cultural awareness, interactive learning, comparative research experience, and analysis of the expatriation and repatriation processes.

英文简介 (Course Description) :

Country-firm specific cases will be incorporated in the multinational context with special attention to comparative human resource management practices, challenges, and the role of HR in global strategic decisions involving diverse countries and regions such as China, India, Europe, and the United States.

This course is an advanced seminar in International Human Resource Management. The course is designed to introduce students to the nature of developing and managing human resources in international, multinational, global, and transnational firms. It explores the complexity, challenges, and choices that firms are faced with and strategies they use to effectively develop and manage their international workforce in culturally and geographically diverse environments. The course distinguishes international from domestic

HR practices. It provides students with an in-depth understanding of the basic problems inherent in IHRM as well as a sound basis to further explore the international dimensions for future business and career aspirations. The principle focus of this course is the development of global leaders through cross-cultural awareness, interactive learning, comparative research experience, and analysis of the expatriation and repatriation processes.

-End-

课程号 (Course Number) : 30340062

课程名称 (Course Title) : 从历史视角看当代中国女性、体育和社会/Women, Sport and Society in Modern China: Historic Perspectives

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 董进霞 教授 Professor

先修课程 (Prerequisites) :

中文简介:

The course will explore the interaction of historical and cultural events, political priorities, rapid economic development, changing gender relations, international political ambitions, sports system and women' s sport in the course of the six decades of PRC.

英文简介 (Course Description) :

The course will explore the interaction of historical and cultural events, political priorities, rapid economic development, changing gender relations, international political ambitions, sports system and women' s sport in the course of the six decades of PRC.

-End-

课程号 (Course Number) : 30340063

课程名称 (Course Title) : 中国政治经济导论/Introduction to the Political Economy of China

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 周强 null

先修课程 (Prerequisites) : No pre-requisites. The class is designed for undergraduate students who are interested in the political economy of China.

中文简介:

This course is primarily intended to provide an informed perspective about the evolving process of China's political and economic transition and development during the past three decades. We will analyze Chinese economy from micro- and macro- economic and political perspectives, combining theoretical and empirical studies. Students are expected to (1) understand the path and historical background of China's economic development; (2) compare and evaluate the strengths and weakness of China's reform policies and practices; and (3) apply economic theories to the analysis of political and economic phenomena related to China.

英文简介 (Course Description) :

This course is primarily intended to provide an informed perspective about the evolving process of China's political and economic transition and development during the past three decades. We will analyze Chinese economy from micro- and macro- economic and political perspectives, combining theoretical and empirical studies. Students are expected to (1) understand the path and historical background of China's economic development; (2) compare and evaluate the strengths and weakness of China's reform policies and practices; and (3) apply economic theories to the analysis of political and economic phenomena related to China.

-End-

课程号 (Course Number) : 30340064

课程名称 (Course Title) : 环境与中国: 自然, 文化和发展/Environmental China: nature, culture and development

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 周宇(校外) 待定

先修课程 (Prerequisites) : no

中文简介:

CHINA is commonly seen in the West as a negative example, even the villain, of global environmental ills. Besides surpassing the United States to be the world's largest source of greenhouse gas (GHG) emissions, China also experiences widespread pollution of its air, soil and water--arguably among the worst in the world. China's problems are neither unique nor isolated, however. Employing political ecological approach, the course explores the roots of China's environmental challenges as created by and mediated through historical, cultural, political, economic and social forces both internal and external to the country, and especially the acute changes as a result of global socialism and capitalism in the 20th century. It also examines some of the solutions that Chinese government and the public are taking on to deal with worsening environmental conditions.

Textbook:

Required

1. Shapiro, Judith, 2012. China's environmental challenges, 978-0-7456-6091-2

Beyond the textbooks, required readings are accessible through hyperlinks embedded in the course site

英文简介 (Course Description) :

CHINA is commonly seen in the West as a negative example, even the villain, of global environmental ills. Besides surpassing the United States to be the world's largest source of greenhouse gas (GHG) emissions, China also experiences widespread pollution of its air, soil and water--arguably among the worst in the world. China's problems are neither unique nor isolated, however. Employing political ecological approach, the course explores the roots of China's environmental challenges as created by and mediated through historical, cultural, political, economic and social forces both internal and external to the country, and especially the acute changes as a result of global socialism and capitalism in the 20th century. It also examines some of the solutions that Chinese government and the public are taking on to deal with worsening environmental conditions.

Textbook:

Required

1. Shapiro, Judith, 2012. China`s environmental challenges, 978-0-7456-6091-2

Beyond the textbooks, required readings are accessible through hyperlinks embedded in the course site

-End-

课程号 (Course Number) : 30340065

课程名称 (Course Title) : 丝绸之路: 一种全球史/Silk Road: A Global History

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 3

授课教师 (Faculty) : 陆扬 研究员 Research Fellow

先修课程 (Prerequisites) : none

中文简介:

This course introduces the history of the Silk Road — a complex network of trade routes that connected China and the Mediterranean world over land and sea — and examines the cultural and material exchanges between the peoples and cultures it connected in a global context. The course covers the period 500 BCE to 1600 CE, during which forces wielded by many peoples (e. g., Chinese, Greeks, Persians, Arabs, Turks, and Mongolians) shaped the geopolitical and cultural landscape of Eurasia. It explores the roles played by the Silk Road in forming and transforming the cultural, linguistic, ethnic, and religious identities of these peoples and their perceptions of one other. It highlights such themes as conspicuous consumption, cultural diversity, religious pluralism, and ethnic migration, as well as the financial, judicial, religious, and political institutions that were the fruits of these extended exchanges. The course begins and ends with an analysis of conceptualizations of the “Silk Road” against the backdrop of the “Great Game” that played out in the late 19th and early 20th centuries among various colonial powers as well as its legacy to this day.

Course Materials Required for ALL students

Richard C. Foltz. Religions of the Silk Road: Premodern Patterns of Globalization. Palgrave Macmillan, 2010. (Henceforth Religions)

Richard Frye, *The Heritage of Central Asia*, Markus Wiener Publishers; 1ST edition, 2012(Henceforth Heritage)
Valerie Hansen. *The Silk Road: A New History*. Oxford University Press, 2012. (Henceforth Sites)
Xinru Liu. *The Silk Roads: A Brief History with Documents*. Bedford/St. Martin' s, 2012. (Henceforth Documents)
Xinru Liu. *The Silk Road in World History*, Oxford University Press, 2010. (Henceforth History)
Susan Whitfield. *Life Along the Silk Road*. John Murry, 1999. (Henceforth Life)
Other assigned scholarly articles, book chapters, and primary sources are available on the course website

英文简介 (Course Description) :

This course introduces the history of the Silk Road — a complex network of trade routes that connected China and the Mediterranean world over land and sea — and examines the cultural and material exchanges between the peoples and cultures it connected in a global context. The course covers the period 500 BCE to 1600 CE, during which forces wielded by many peoples (e. g., Chinese, Greeks, Persians, Arabs, Turks, and Mongolians) shaped the geopolitical and cultural landscape of Eurasia. It explores the roles played by the Silk Road in forming and transforming the cultural, linguistic, ethnic, and religious identities of these peoples and their perceptions of one other. It highlights such themes as conspicuous consumption, cultural diversity, religious pluralism, and ethnic migration, as well as the financial, judicial, religious, and political institutions that were the fruits of these extended exchanges. The course begins and ends with an analysis of conceptualizations of the “Silk Road” against the backdrop of the “Great Game” that played out in the late 19th and early 20th centuries among various colonial powers as well as its legacy to this day.

Course Materials Required for ALL students

Richard C. Foltz. *Religions of the Silk Road: Premodern Patterns of Globalization*. Palgrave Macmillan, 2010. (Henceforth Religions)
Richard Frye, *The Heritage of Central Asia*, Markus Wiener Publishers; 1ST edition, 2012(Henceforth Heritage)
Valerie Hansen. *The Silk Road: A New History*. Oxford University Press, 2012. (Henceforth Sites)
Xinru Liu. *The Silk Roads: A Brief History with Documents*. Bedford/St. Martin' s, 2012. (Henceforth Documents)
Xinru Liu. *The Silk Road in World History*, Oxford University Press, 2010. (Henceforth History)
Susan Whitfield. *Life Along the Silk Road*. John Murry, 1999. (Henceforth Life)
Other assigned scholarly articles, book chapters, and primary sources are available on the course website

-End-

课程号 (Course Number) : 30340066

课程名称 (Course Title) : 解读中国: 从媒体、沟通、文化的视角/Understanding China: From Its Media, Communication and Culture

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 龚文庠 教授 Professor

先修课程 (Prerequisites) : College/university students from any discipline, with some knowledge of China and its history, who intend to have a closer look and deeper understanding of modern China, the society, and the people.

中文简介:

This course is an advanced introduction to Modern China by a scholar of communication, culture and the media. The purpose is to discover how heavily our habits are influenced by the culture that has shaped us as members of Chinese society, and how our communication acts, both interpersonal and through old and new media, help us to maintain or transform the society, as well as the system, in which we live. In the lectures we will use concrete examples, such as daily events, rather than abstract theoretical propositions to illustrate our arguments and our thoughts on how people communicate, on what they try to achieve through their communications, and above all, on what the socio-political and cultural consequences would be. However, this is not meant to be a course devoted exclusively to China, and our classroom discussions will hopefully range much wider and take into account more comprehensive implications.

There are both required and recommended readings for each class. No book purchase needed. All the required texts (those highlighted in bold) will be available through PKU Summer School arrangements.

英文简介 (Course Description) :

This course is an advanced introduction to Modern China by a scholar of communication, culture and the media. The purpose is to discover how heavily our habits are influenced by the culture that has shaped us as members of Chinese society, and how our communication acts, both interpersonal and through old and new media, help us to maintain or transform the society, as well as the system, in which we

live. In the lectures we will use concrete examples, such as daily events, rather than abstract theoretical propositions to illustrate our arguments and our thoughts on how people communicate, on what they try to achieve through their communications, and above all, on what the socio-political and cultural consequences would be. However, this is not meant to be a course devoted exclusively to China, and our classroom discussions will hopefully range much wider and take into account more comprehensive implications.

There are both required and recommended readings for each class. No book purchase needed. All the required texts (those highlighted in bold) will be available through PKU Summer School arrangements.

-End-

课程号 (Course Number) : 30340067

课程名称 (Course Title) : 新中国: 哲学与政治/Philosophy and Politics in New China

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : 蒋洪生 副教授 Associate Professor

先修课程 (Prerequisites) : No Pre-requisites.

中文简介:

Centered upon philosophical developments and philosophical-political debates in the P.R. China established in 1949, this course aims to explore the complicated intertwined relationship between philosophy and politics in New China. Our main emphasis will be on the philosophical-political works by Mao Zedong, Deng Xiaoping, Ai Siqi, Yang Xianzhen, Feng Youlan, Wang Hui, and other notable Chinese theoreticians, and on the heated controversies over epistemology, dialectics, materialism and political philosophy. We will of course probe the historical and political context and consequences of those philosophical disputes and positions. We will also discuss diverse views on those issues by famous Western critics, such as Louis Althusser, Alain Badiou, Slavoj Zizek and Alessandro Russo. Related movies, documentaries and videos will be screened in class to illustrate corresponding historical backgrounds and philosophical-political issues.

英文简介 (Course Description) :

Centered upon philosophical developments and philosophical-political debates in the P.R. China established in 1949, this course aims to explore the complicated intertwined relationship between philosophy and politics in New China. Our main emphasis will be on the philosophical-political works by Mao Zedong, Deng Xiaoping, Ai Siqi, Yang Xianzhen, Feng Youlan, Wang Hui, and other notable Chinese theoreticians, and on the heated controversies over epistemology, dialectics, materialism and political philosophy. We will of course probe the historical and political context and consequences of those philosophical disputes and positions. We will also discuss diverse views on those issues by famous Western critics, such as Louis Althusser, Alain Badiou, Slavoj Zizek and Alessandro Russo. Related movies, documentaries and videos will be screened in class to illustrate corresponding historical backgrounds and philosophical-political issues.

-End-

课程号 (Course Number) : 30340068

课程名称 (Course Title) : 亚太安全/Asia-Pacific Security

开课院系 (School/Department) : 北京大学教务部

学分 (Credits) : 2

授课教师 (Faculty) : Dr Marc Lanteigne (兰马克) (校外) 待定

先修课程 (Prerequisites) : Pre-requisites /Target audience

This course would be created for students with an introductory knowledge of East Asian politics and foreign relations.

中文简介:

This course introduces theoretical and policy approaches to the study of conflict, cooperation, and regional order and applies them to the contemporary Asia-Pacific region, including East and Southeast Asia and the South Pacific. Specific topics covered will include developing great power rivalry in Asia; inter-state and intra-state conflicts; maritime security; a range of so-called `non-traditional` and `human security` challenges, including transitional crime, economic security and terrorism issues; and the role of regional

institutions such as ASEAN, the ARF, APEC and the East Asian Summit in addressing current security issues. These will be examined within the overall idea of 'regionalism', meaning whether the Asia-Pacific is developing as a specific security region in the international system.

Current theories of international security, including schools of realism and liberalism but also newer approaches such as critical theory, will be used to explain trends in the study of security issues in the region.

英文简介 (Course Description) :

This course introduces theoretical and policy approaches to the study of conflict, cooperation, and regional order and applies them to the contemporary Asia-Pacific region, including East and Southeast Asia and the South Pacific. Specific topics covered will include developing great power rivalry in Asia; inter-state and intra-state conflicts; maritime security; a range of so-called 'non-traditional' and 'human security' challenges, including transitional crime, economic security and terrorism issues; and the role of regional institutions such as ASEAN, the ARF, APEC and the East Asian Summit in addressing current security issues. These will be examined within the overall idea of 'regionalism', meaning whether the Asia-Pacific is developing as a specific security region in the international system.

Current theories of international security, including schools of realism and liberalism but also newer approaches such as critical theory, will be used to explain trends in the study of security issues in the region.

-End-

课程号 (Course Number) : 61030030

课程名称 (Course Title) : 朋辈心理辅导/Peer Counseling

开课院系 (School/Department) : 心理学系/Department of Psychology

学分 (Credits) : 2

授课教师 (Faculty) : 刘海骅 讲师 Lecturer

先修课程 (Prerequisites) : 无

中文简介:

生活中,人们通常会告诉他们的朋友,同辈或家里人他们的烦恼,先于寻求职业心理辅导人士的帮助。朋辈辅导就是这样一种特殊的心理咨询形式,它是由受训或督导过的非专业人员提供具有心理辅导功能的帮助的过程。在这个过程中,朋辈辅导助理通过运用积极倾听、问题解决等技巧,同时结合关于人的发展和精神健康的知识来辅导他人,为同辈提供心理和情绪的支持。

本课程将介绍朋辈心理辅导的基本概念、技巧、伦理以及辅导中面临的一些具体问题,如文化种族、性倾向的影响、恋爱问题处理等。

英文简介 (Course Description) :

In our daily life, people often tell friends, peers, family of their distress before they tell professional counselors. Peer counseling is such a special kind of psychological counseling, conducted by trained or supervised unprofessional people, providing helps having some counseling effects. In this process, through the use of active listening and problem solving skills combining knowledge about human development and mental health, peer counselors instruct their companions and provide them with psychological and emotional support. In this course, the basic concept, skills and ethic of peer counseling will be introduced, as well as some practical problems such as culture, race, sexual orientation and romantic relationship.

As a general course, these goals are to reach:

Students can have basic knowledge of peer counseling;

Some basic peer counseling skills can be mastered and used in practical situations;

This course also helps student in viewing their own mental health and improving it with related knowledge.,

-End-