

NCHU English-Taught Courses

College of Agriculture and Natural Resources

<b>Course Title</b>	<b>Level</b>
<b>Fall Semester 2015</b>	
Ethics and Emerging Technology	common
Plant Ecology and Biodiversity	common
World Food Problems	common
Advanced Plant Biology	graduate
Advanced Animal Biology	graduate
Advanced Chemical Biology	graduate
Advanced Fungal Genetics	graduate
Agricultural Development Policy	graduate
Agricultural Marketing (I)	graduate
Antibody Technology	graduate
Basic Molecular Biology for Bioinformatics (I)	graduate
Biochemistry of Animal Products	graduate
Biological Computing(I)	graduate
Biomolecular Analysis and Engineering	graduate
Biotechnology	graduate
Design of Fertilizer Experiment	graduate
Developmental Biology	graduate
Dissertation	graduate
Economic Behaviors under Uncertainty	graduate
Experimental Approaches in Molecular and Cell Biology	graduate
Introduction of Genomics	graduate
Management of Recreational Resources	graduate
Modeling of Production System of Animal Resources	graduate
Molecular and Cell Biology	graduate
Phytochemistry and Herbal Medicine	graduate
Plant-Virus-Vector Interactions	graduate
Population Genetics and Evolution	graduate
Practical New Product Development and Marketing	graduate
Primary Data Collection and Analysis in Agritourism	graduate
Research Methods in the Social Science	graduate
Review of Literature in Dairy Products	graduate
Review of Literature in Egg Science and Technology	graduate
Rotation	graduate
Scientific English Writing	graduate
Seminar (I)	graduate
Seminar (II)	graduate
Seminars and Symposia	graduate

NCHU English-Taught Courses

College of Agriculture and Natural Resources

<b>Course Title</b>	<b>Level</b>
Seminars in Biological Sciences (I)	graduate
Special Topic in Carbohydrate and Lipid Metabolism	graduate
Special Topics in Bioinformatics	graduate
Special Topics in Biological Science and Biotechnology (I)	graduate
Special Topics in Biological Science and Biotechnology (III)	graduate
Special Topics in Reproductive Biology (I)	graduate
Sustainable Agriculture	graduate
Sustainable Agriculture and Agribusiness CSR	graduate
Taxonomy and Phylogenetics of Fungi	graduate
Thesis	graduate
Treatment of Animal Raw Materials	graduate
Virus and Cell Interactions	graduate
Writing and Presentation of Biological Research	graduate
Accounting for Farm Business	undergraduate
Agricultural Financial Management	undergraduate
Agricultural Marketing and Policy	undergraduate
Animal Production and Animal Science Worldwide	undergraduate
Ecology	undergraduate
Human Resource Management in Agribusiness	undergraduate
Introduction to Agribusiness	undergraduate
Introduction to Agritourism	undergraduate
Pesticides	undergraduate
Plant Protection	undergraduate
Practice in Industry (I)	undergraduate
Practice in Industry (II)	undergraduate
Practice in Industry (III)	undergraduate
Practice on Fundamental Research Methods in Crop Science	undergraduate
Principles of Economics (I)	undergraduate
Readings in Ecology and Agriculture	undergraduate
Research and Evaluation in Agritourism Service	undergraduate
Statistics (I)	undergraduate
Thesis	undergraduate
<b>Sum</b>	<b>69</b>
<b>Spring Semester 2016</b>	
Advance Research Methods in Crop Science	graduate
Advanced Microbial Genetics	graduate
Agribusiness Management	graduate
Agricultural Biotechnology Research on Molecular and Biological Agricultural Sciences	graduate
Agricultural Marketing Theory	graduate

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### College of Agriculture and Natural Resources

<b>Course Title</b>	<b>Level</b>
Agricultural Microbiology	graduate
Agriculture Trade Theory and Application	graduate
Basic Molecular Biology for Bioinformatics (II)	graduate
Biodiversity Research on Molecular and Biological Agricultural Sciences	graduate
Biological Computing (II)	graduate
Cost-Benefit Analysis	graduate
Developmental Biology	graduate
Experimental Molecular Biophysics	graduate
Genomics Research on Molecular and Biological Agricultural Sciences	graduate
Host-Plant Resistance to Pest Insects	graduate
International Trade Policy in Agricultural Products	graduate
Introduction to Cell Signaling	graduate
Lactation Physiology	graduate
Literature Review of Biodiversity on Molecular and Biological Agricultural Sciences	graduate
Literature Review of Genomics on Molecular and Biological Agricultural Sciences	graduate
Literature Review of Microbial Biology on Molecular and Biological Agricultural Sciences	graduate
Literature Review of Physiology on Molecular and Biological Agricultural Sciences	graduate
Molecular and Cellular Approaches for Biotechnology	graduate
Molecular Medicine	graduate
New Product Pricing Research and Pricing Strategy	graduate
Pharmaceutical Chemistry	graduate
Physiology Research on Molecular and Biological Agricultural Sciences	graduate
Plant Reproductive Biology	graduate
Policy of Rural Development	graduate
Principles and Methods in Plant Biology Research	graduate
RNA Biology	graduate
Rotation	graduate
Seminar (I)	graduate
Seminar (II)	graduate
Seminars and Symposia	graduate
Seminars in Biological Sciences (II)	graduate
Seminars in Biological Sciences (IV)	graduate
Special Topics in Biological Science and Biotechnology (IV)	graduate
Special Topics in Microbial Diversity	graduate
Supply Chain Management for Agricultural Products	graduate
Thesis	graduate
Tropical Rainforest Ecology	graduate
Writing a Scientific Paper	graduate

## NCHU English-Taught Courses

### College of Agriculture and Natural Resources

<b>Course Title</b>	<b>Level</b>
Agribusiness Management	undergraduate
Agricultural Economics	undergraduate
Agricultural Waste Management	undergraduate
Conservation of Soil and Water Resource	undergraduate
Crop and Soil	undergraduate
CSR in Agribusiness and Environmental Awareness	undergraduate
Domestic and International Agricultural Policy and Welfare	undergraduate
Economics of Industrial Organization	undergraduate
Forest Entomology	undergraduate
International Intellectual Property and Business Law	undergraduate
Life Science	undergraduate
Marketing Agricultural and Food Products	undergraduate
Media, Democracy and Global Communication	undergraduate
Microbial Genetics	undergraduate
Multivariate Statistics and Data Analysis	undergraduate
Practice in Industry (I)	undergraduate
Practice in Industry (II)	undergraduate
Practice in Industry (III)	undergraduate
Regional Study (B)	undergraduate
Sustainable Farming and Practices	undergraduate
Thesis	undergraduate
World Food Problems	undergraduate
<b>Sum</b>	<b>65</b>

NCHU English-Taught Courses

College of Engineering

<b>Course Title</b>	<b>Level</b>
<b>Fall Semester 2015</b>	
Advanced Heat Transfer	graduate
Advanced Micro/Nano Fabrication Process	graduate
Air Pollution and Control Processes	graduate
Energy Harvesting Technology	graduate
English Reading and Writing in Biomedical Sciences (I)	graduate
Environmental Toxicology	graduate
Introduction to Micro/Nano Electromechanical Systems	graduate
Microfabrication processing and Sensor Application	graduate
Modern Optical Spectroscopy: With Exercises And Examples From Biophysics	graduate
Nano-Material Characterization with a (S)TEM	graduate
Principles of Innovative Product Design	graduate
Special Topic in Bioelectronic Interfaces Research (I)	graduate
Urban Stormwater Management	graduate
<b>Sum</b>	<b>13</b>
<b>Spring Semester 2016</b>	
Biomedical Tissue Engineering	graduate
Combustion Engineering	graduate
Energy Conversion	graduate
Environmental Remediation and Natural Attenuation	graduate
Numerical Methods for Engineering Application	graduate
Optimization of Design	graduate
Special Topic in Bioelectronic Interfaces Research (II)	graduate
Special Topics in Environmental Toxicology	graduate
Thesis	graduate
<b>Sum</b>	<b>9</b>

NCHU English-Taught Courses

College of Law and Politics

<b>Course Title</b>	<b>Level</b>
<b>Fall Semester 2015</b>	
Change and Sustainable Development in Environment and Ecology	common
International Relations	common
The Effects of Climate Change and the Analysis of Possible Adaptation Strategies	common
<b>Sum</b>	<b>3</b>
<b>Spring Semester 2016</b>	
Asian Economies	graduate
Comparative Studies on Climate Change Policies and Laws in Asia	graduate
Development and Management of the Asian Corporation	graduate
Legal Systems of China and Taiwan	graduate
Marketing Entry and Marketing Strategy in China and Taiwan	graduate
Principles and Practice of Tourism Marketing in Asia	graduate
Seminar on Security Issues in East and South Asia	graduate
Taiwanese History and Culture in East Asian Perspectives	graduate
Thesis (II)	graduate
The Effects of Climate Change and the Analysis of Possible Adaptation Strategies	undergraduate
<b>Sum</b>	<b>10</b>

NCHU English-Taught Courses

College of Liberal Arts

<b>Course Title</b>	<b>Level</b>
<b>Fall Semester 2015</b>	
Advanced English	common
Contemporary British Theatre	common
Gangster Films and Aesthetics of Violence	common
Information Resources and Libraries	common
Western Literature and Film Adaptation	common
Women and Taiwanese Society	common
Dissertation	graduate
Ecocritical Perspectives on Taiwan Literature	graduate
Independent Study (B)	graduate
Introduction to STS and Cultural Studies	graduate
English Oral Training (I)	undergraduate
English Oral Training (II)	undergraduate
German (I)	undergraduate
German (II)	undergraduate
Language Lab Workshop (II)	undergraduate
Pronunciation Drills	undergraduate
Second Language Acquisition (I)	undergraduate
<b>Sum</b>	<b>17</b>
<b>Spring Semester 2016</b>	
Advanced English	graduate
Biopolitics for Literary and Cultural Studies	graduate
Independent Study (A)	graduate
Seminar on Eco-Cinema	graduate
Seminar on Fredric Jameson	graduate
British TV Comedy	undergraduate
Contemporary British Theatre	undergraduate
Digital Media and Second Language Acquisition	undergraduate
English Conversation	undergraduate
English Speech and Communication	undergraduate
German (I)	undergraduate
German (II)	undergraduate
Information Resources and Libraries	undergraduate
Language, Culture and Communication	undergraduate
Second Language Acquisition (II)	undergraduate
Western Literature and Film Adaptation	undergraduate
<b>Sum</b>	<b>16</b>

## NCHU English-Taught Courses

### College of Life Sciences

<b>Course Title</b>	<b>Level</b>
<b>Fall Semester 2015</b>	
Cell Growth and Apoptosis	graduate
Chromatin Biology	graduate
Current Topics in Chromatin (I)	graduate
Grant Proposal Planning and Writing in Molecular and Cell Biology Seminar (I)	graduate
Seminar (III)	graduate
Applied Microbiology	undergraduate
Comparative Anatomy of the Vertebrates(Lecture and Laboratory)	undergraduate
<b>Sum</b>	<b>8</b>
<b>Spring Semester 2016</b>	
Cellular and System Medicine	graduate
Current Topics in Chromatin (II)	graduate
Epigenetics	graduate
Genomic Informatics: Principle and Experiment	graduate
Medical Biotechnology (II)	graduate
Muscle Physiology and Biochemistry	graduate
Nuclear Signaling	graduate
Research Article Writing in Molecular and Cell Biology	graduate
Scientific Writing in English	graduate
Seminar (II)	graduate
Seminar (IV)	graduate
Special Topics in Extremophiles (II)	graduate
Mammalogy	undergraduate
<b>Sum</b>	<b>13</b>



NCHU English-Taught Courses

College of Management

<b>Course Title</b>	<b>Level</b>
<b>Fall Semester 2015</b>	
Advanced Business English (I)	graduate
Advanced Research Topics in E-Business	graduate
Business Management of Intellectual Property	graduate
E-Commerce Security Management	graduate
Electronic Commerce Website Development	graduate
Emerging Technology and Industry Application	graduate
Financial Management	graduate
Internet Business Models and Strategies	graduate
Introduction to Technology Management	graduate
Management of Technology: Theory and Practice	graduate
New Product Development and Management	graduate
Research and Development Management	graduate
Service Innovation	graduate
Technology, Humanities and Society	graduate
Commercial Negotiation	undergraduate
E-Marketing Implementation Seminar	undergraduate
Introduction to Computer Science	undergraduate
<b>Sum</b>	<b>17</b>
<b>Spring Semester 2016</b>	
Application Program Development for E-Commerce	graduate
Business English Thesis Writing and Presentation	graduate
Decision Analysis for Technology Management	graduate
Entrepreneurship Management	graduate
Human Resource Management	graduate
Information Management	graduate
Marketing Management	graduate
Online Shop Practice Management	graduate
Operations Management	graduate
Research Methods for Technology Management	graduate
Seminar on Qualitative Research Method	graduate
Strategic Management	graduate
Technology Project Analysis and Evaluation	graduate
Selection of International Financial Articles	undergraduate
<b>Sum</b>	<b>14</b>

NCHU English-Taught Courses

College of Science

Course Title	Level
<b>Fall Semester 2015</b>	
The Mystery of Mathematics	common
General Chemistry	undergraduate
Organic Chemistry	undergraduate
Pre-Calculus Mathematics	undergraduate
<b>Sum</b>	<b>4</b>
<b>Spring Semester 2016</b>	
Calculus	undergraduate
The Mystery of Mathematics	undergraduate
<b>Sum</b>	<b>2</b>

NCHU English-Taught Courses

College of Veterinary Medicine

Course Title	Level
<b>Fall Semester 2015</b>	
Emerging Infectious Diseases in Humans and Animals	graduate
<b>Sum</b>	<b>1</b>
<b>Spring Semester 2016</b>	
Molecular Virology	graduate
A Brief Introduction to Preventive Medicine	undergraduate
<b>Sum</b>	<b>2</b>