Courses in English

Spring Semester (March to June)

English Language and Literature
- English Conversation
- Intermediate English Conversation
- Critical Theory
- Advanced English Composition
- Recent British and American Literary Trends
- Russian Language and Literature
  - Topics in Eurasian Cultural History
  - Russian Folklore

Language and Information
- Languages of the World
- Computational Linguistics
- Semantics
- Practical Language Drill (V)

Political Science and Diplomacy
- English for Political Science Students
- American Politics

Social Welfare
- Social Welfare Research
- Social Security
- Communication
- Introduction to Advertising

Mathematics
- Complex Analysis (II)

Statistics
- Introduction to Statistics (I)
- Mathematical Statistics (I)
- Multivariate Statistics (I)

Physics
- General Physics (I)
- Modern Physics

Chemistry
- General Chemistry (I)
- Physical Chemistry (I)
- Organic Chemistry (I)
- Instrumental Analysis (II)
- Molecular Spectroscopy
- Topics in Physical Chemistry

Biological Sciences
- The Mysteries of Human Body
- Molecular Biology
  - Biological Sciences (I)
  - Biochemistry (I)
  - Biochemistry Laboratory
  - Molecular Genetics
  - Plant Cell Biology
  - Endocrinology

Geological Sciences
- Hydrogeology
- Mechanical Engineering
  - Differential Equation in Engineering
  - Computational Fluid Mechanics
  - Applied Dynamics

Polymer Science and Engineering
- Physical Chemistry (I)
- Polymer Processing Design
- Nanocomposites Materials

Chemical and Bimolecular Engineering
- Principles and Calculations of Chemical Processes (I)
- Organic Chemistry (I)
- Chemical Reaction Engineering (I)
- Chemical Engineering Thermodynamics
- Process Control (II)

Organic Material Science and Engineering
- Organic Material System Physics
- Colantart Chemistry
- Fiber Assemblies Properties

Materials Science and Engineering
- Solid State Physics
- Introduction to Optical and Electro-Magnetic Properties
- Introduction to MEMS
- Ferrous and Nonferrous Materials (I)
- Ceramics Powder Engineering

Electrical Engineering
- Logic Circuit
- Electromagnetics (I)
- Electrical Circuits
- Numerical Analysis

Student Exchange Partners

Australia
- Deakin University
- University of Adelaide
- University of New South Wales
- University of Tasmania

Canada
- University of Manitoba

China / Hong Kong
- China University of Hong Kong
- Lingnan University
- The University of Hong Kong

Finland
- Hanken School of Economics

France
- University of Nice-Antipolis

Japan
- Richard International University
- Saga University
- Shizuoka University
- Tokoku University
- Waseda University

Kazakhstan
- The Kazakhstan Institute of Management, Economics, and Strategic Research (KIMEP)

Norway
- Norwegian University of Science & Technology (NTNU)

Russia
- Kutzik State Technical University

Singapore
- Singapore Management University
- Nanyang Technological University

Taiwan
- National Chengchi University
- National Taiwan University

UK
- Loughborough University

USA
- Illinois Institute of Technology
- University of Alabama
- University of Hawaii at Hilo
- University of Mississippi
- William Paterson University
- SAF Study Abroad Foundation

Application Deadline
- October 30 for the First/Spring Semester (from March to June)
- April 30 for the Second/Fall Semester (from September to December)
Study Abroad at PNU

• English Language Education
• Law
• Environmental Engineering
• Civil Engineering
• Aerospace Engineering
• Naval Architecture and Ocean Engineering

Industry Engineering
• Data Structure
• Operations Research (I)
• Simulation

Civil Engineering
• Mechanics of Materials and Practices (I)
• Surveying (I)
• Soil Mechanics (I)
• Highway Engineering
• Geo-Spatial Information

Environmental Engineering
• Microbiology
• Statistics
• Unit Operations and Processes for Water Purification (I)
• Environmental Remediation of Contaminated Soils and Groundwater

Law
• Anglo-American Law
• International Trade Law

English Language Education
• English Conversation (I)
• English Conversation (II)
• English Reading (I)
• English Drama & Advanced Conversation

• Essay Writing in English Education
• Reading British & American Poetry Education
• Basics of Statistics
• Theories and Practices of Counseling
• Theories of Instruction
• Methods of Field Research

Special Education
• Education for Children with Mental Retardation

Mathematics Education
• Calculus (I)
• Linear Algebra (I)
• Modern Algebra (I)

Physical Education
• Modern Life and Recreation
• Sport Physiology
• Practicum in Physical Educational Statistics

International Trade
• International Commercial Transactions
• Contracts of International Trade
• Special Topics in International Management

Economics
• Microeconomics
• Principles of Economics (I)
• Tourism and Convention
• Policy of Tourism and Convention
• Tourism English
• Tourism Development

Global Studies
• English Reading and Writing
• International Relations and Comparative Political System
• Political Economics of International Organization
• International Commerce and Contract Law
• European Politics and Economy

*plus, all the courses in the curriculum (refer to page 20-21)

Business Administration
• Management Information Systems
• Marketing Management
• Organizational Behavior
• Investment Theory

• Marketing Research
• Financial Accounting
• Auditing
• Marketing Management
• Futures Markets
• Financial Economics
• Risk Management
• Management of Financial Institutions
• Strategic Management
• Firms and Management
• Principles of Management

Pharmacy
• Pathophysiology (I)
• Hospital Pharmacy
• Pharmacy Administration
• Endocrinology
• Anatomy
• Introduction to Pharmacy and Ethics
• Applied Microbiology (I)
• Physical Pharmacy (I)

Pharmaceutical Manufacturing
• Drug Manufacturing Engineering (I)
• Clinical Chemistry
• Child Development and Family Studies
• Korean Family Life

Clothing and Textiles
• Structure of Textile Materials

Housing and Interior Design
• Housing and Interior Materials
• Interior Lighting

Nanomaterials Engineering
• General Chemistry (I)
• Physical Chemistry (I)
• Organic Chemistry
• Organic Materials
• Spectroscopy

Nanomechatronics Engineering
• Organic Chemistry
• Nanomedical Engineering
• Organic Chemistry (I)
• Bioanalytical Chemistry (I)

• Nano Bio-Interfacial Engineering
• Nanofusion Engineering
• Organic Chemistry (II)
• Horticultural Bioscience
• Plant Molecular Biology
• Animal Science
• Animal Proteomics
• Biomaterials Science
• Physiology
• Bio-Industrial Machinery Engineering
• Biomaterials Engineering

Agricultural Economics
• Readings in Agricultural Economics

Sport Science
• Fitness Management for Life
• Introduction of Sport Science
• Sport Medicine
• Sport Sociology

Fall Semester (September to December)

English Language and Literature
• Advanced Differential Equations

• English Composition
• Intermediate English Composition
• Criticism of Literature and World
• Advanced English Conversation

Russian Language and Literature
• Topics on the Central Asian and Siberian Culture
• History of Russian Literature
• Russian Composition

Language and Information
• Language and Computer
• Introduction to Linguistics
• Practical Language Drill (IV)
• Special Lecture on Linguistics

Political Science and Diplomacy
• American Foreign Policy
• International Organization
• A Special Topic in Political Science

Mathematics
• Advanced Differential Equations
Chemical and Biomolecular Engineering
- Organic Material Science and Engineering
  - Organic Material Process
  - Organic Material System Analysis
  - Chemical Analysis of Organic Material

Materials Science and Engineering
- Introduction to Electric and Electronic Engineering
- Display Engineering
- Microelectronics Technology

Electrical Engineering
- Energy Engineering
- Laser Engineering
- Numerical Analysis
- Data Communications
- Logic Circuit
- Electromagnetics (I)
- Circuit Theory

Urban Engineering
- Environmental Problem and Policy
- Quantitative Analysis
- Community Facilities Planning

Aerospace Engineering
- Engineering Mechanics
- Fluid Mechanics
- Aircraft Structural Mechanics (II)
- Compressible Fluid Flow

Industrial Engineering
- Database
- Engineering Economy and Cost Analysis
- Operations Research (I)

Naval Architecture and Ocean Engineering
- Strength of Materials
- Ocean Equipment Design
- Ocean Engineering

Civil Engineering
- Dynamics
- Surveying (I)
- Soil Mechanics (II)
- Foundation Engineering

Physical Education
- Lifelong Fitness and Health
- Modern Society and Sport
- Studies in Teaching Material for Physical Education

International Trade
- International Marketing Management
- Business English for International Trade
- International Consumer Issues
- International Market Research

Economics
- Economics and Life
- Principles of Management
- Theory of Open Economy
- Theory of Economic Systems

Tourism and Convention
- Understanding Tourism Industry in the Global Age
- Economics of Tourism
- Convention English
- Global Studies
- Chinese Politics, Society and Culture
- Foundation of International Law
- Chinese Economy and Trade
- New International Order and Regionalism
- Challenges and Future In Korea-Japan Relations

*plus, all the courses in the curriculum (refer to page 20-21)

Business Administration
- Firm and Management
- Principles of Economics
- Statistics
- Database Management
- Production Management
- Human Resource Management
- Derivatives Markets
- Consumer Behavior
- Financial Market
- Option Theory
- Asset Investment

Pharmacy
- Applied Microbiology
- Pathophysiology (II)
- Neuroscience
- Clinical Pharmacy

Pharmaceutical Manufacturing
- Fundamental Physiology
- Physical Pharmacy (II)
- Drug Manufacturing Engineering (II)
- Clinical Pharmacy

Child Development and Family Studies
- Korean Family Life

Courses in English
The new Department of Global Studies (DGS) has joined PNU’s College of Economics and International Trade. The DGS is the most recent addition to the university’s proud tradition. For more than sixty years, PNU has helped to produce South Korea’s highly educated public. In addition, the university’s location in Busan, one of the gateways and crossroads of East Asia, is a vital asset. Students benefit from Busan’s flourishing commercial and cultural life as well as the university’s growing academic prominence. The inauguration of this new department is a step in the university’s and the city’s development as a global business and educational hub.

The Department of Global Studies had its beginning as the Global Studies Program (GSP), which is now the track for a second major in the department. The DGS will prepare the next generation of Korea’s leaders for careers in international organizations, government, media, policy research, trade associations and multinational corporations. Our innovative vision is to offer undergraduate students an academic experience like that in North American and European universities. The department will offer a challenging, interdisciplinary curriculum taught entirely in English and almost exclusively by native speakers. Included in the curriculum are courses in law, international relations, history, economics, political science, human rights and religion.

Eligibility
Graduates of Korean high schools and foreign high schools in Korea, Korean nationals abroad, and those of any nationality who have graduated from secondary schools abroad are welcome to apply to the department. All who wish to apply must submit the standard university application forms, either in Korean or English. Selection criteria include an assessment of student high school document. If the student has taken standardized tests such as the SAT or the TOEIC, the scores from these tests will also be considered. A department interview is also required. International students are encouraged to study Korean. Further information regarding eligibility for all applicants as well as application forms can be obtained from the department’s webpage.

Scholarship
Scholarship programs are administered every semester, and the details are: The Awardee Selected in Priority, which is for the students with special conditions like Independence Patriots’ Descendants, The Awardee Funded by Registration Fees, which is selected in two categories of The Student with Excellent Score and The Student from Impoverished Family, The Scholarship for the Students under the Basic Livelihood Guarantee Program, The Working Scholarship Student and The National Working Scholarship Student, both of which support tuition fees and living expenses by the working in University or Department facilities, and the participation in national scholarship programs managed by major business companies, among others.