

EWHA WOMANS UNIVERSITY

OVERVIEW
OF DEGREE PROGRAMS



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EWHA WOMANS UNIVERSITY



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Office of International Affairs

52 Ewhayeodae-gil, Seodaemun-gu, Seoul, Korea 03760

Tel +82-2-3277-3600/6988

Fax +82-2-364-8019

Homepage oia.ewha.ac.kr

E-mail oia@ewha.ac.kr

EWING WOMANS UNIVERSITY

OVERVIEW
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CONTENTS

College of Liberal Arts	03	College of Education	65
Korean Language & Literature		Education	
Chinese Language & Literature		Early Childhood Education	
English Language & Literature		Elementary Education	
French Language & Literature		Educational Technology	
German Language & Literature		Special Education	
History		English Education	
Philosophy		Social Studies Education	
Christian Studies		Korean Language Education	
		Science Education	
		Mathematics Education	
College of Social Sciences	13	College of Business Administration	77
Political Science & International Relations		Business Administration	
Public Administration			
Economics			
Library & Information Science			
Sociology			
Social Welfare			
Psychology			
Consumer Studies			
Communication & Media			
College of Natural Sciences	25	College of Medicine	81
Mathematics		Medicine	
Statistics			
Physics			
Chemistry & Nano Science			
Life Sciences			
ELTEC College of Engineering	33	College of Science & Industry Convergence	85
Computer Science & Engineering		Content Convergence	
Electronics Engineering		Fashion Industry	
Architecture		International Office Administration	
Architectural Engineering		Kinesiology & Sports Studies	
Environmental Science & Engineering		Nutritional Science & Food Management	
Food Science & Engineering		Health Convergence	
Chemical Engineering & Materials Science			
College of Music	45	College of Nursing	93
Keyboard Instruments		Nursing	
Orchestral Instruments		Global Health & Nursing	
Voice			
Composition			
Korean Music			
Dance			
College of Art & Design	53	College of Pharmacy	97
Korean Painting		Pharmacy	
Painting			
Sculpture			
Ceramic Arts			
Space Design			
Visual Communication Design			
Industrial Design			
Media Interaction Design			
Fiber Arts			
Fashion Design			
		Scranton College	101
		Scranton Honors Program	
		Brain & Cognitive Sciences	
		International Studies	
		Korean Studies	
		The Graduate School	106
		Interdisciplinary Program	116
		Ewha Campus Map	126





COLLEGE OF LIBERAL ARTS

UNDERGRADUATE & GRADUATE PROGRAMS



Korean Language & Literature

The Department of Korean Language & Literature was officially established as an independent department in 1947. The department aims for the in-depth study of the overall aspects of Korean literature, based on a broad understanding of the humanities, and has been concentrating on fostering professional women who will take leadership positions in various fields, including education, broadcasting, journalism, advertising, and creative literature, among others. The department is preparing for new challenges and opportunities with a vision to foster talented women to lead changes in the new era, centering on advanced knowledge of Korean language and literature while informatization and globalization are in process.

Main Courses

Introduction of Korean modern literature, The World of Korean Literature, Korean Morphology, Structure of Korean Sentence, Korean Semantics, Theory of Contemporary Korean Poetry, Theory on Korean Modern Novels, Theory and analysis of Drama, Reading Korean Classical Novels, Reading Sino-Korean Literature, Research into Sijo and Kasa, Korean Oral Literature, Critical Approaches to Literature, History of the Korean Language, Speech and Media Language, Introduction to Creative Writing, Principles of Creative Writing

Career Paths

Graduates become professors, middle/high school teachers, Korean language teachers, researchers, journalists (newspaper/broadcasting), announcers, producers, script writers, poets, novelists, playwrights, critics, children's story writers, publishers/editors (book, monthly/quarterly magazine), advertising planners, or other professionals in related fields (culture and arts, law, government, PR, etc.). Some continue their studies in graduate school (e.g., Graduate School of Korean Literature, Graduate School of Education, and other graduate schools).

Special Features

- **Affiliated Organization**
— Korean Language & Culture Institute: The institute was established to contribute to the development of Korean language and literature through professional and in-depth studies of Korean language and literature. The Institute has collected and organized materials related with Korean language and literature, carries out joint research projects, and holds academic conferences and hosts guest lectures, mainly through the efforts of the full-time professors and researchers of Korean language, classical literature, and

modern literature, and through support from the Ministry of Culture and Tourism.

- **Special Lectures**
— The department offers special lectures of alumnae who can assist students with their career decisions.



Chinese Language & Literature

The Department of Chinese Language & Literature has helped students understand the spiritual foundation of Asia through a systematic understanding of the essence of the language and culture of China, which are the cultural origins of various countries in Asia belonging to the Chinese-speaking world. As Chinese literature is closely related to general academic disciplines such as Chinese classics and history, the department designs its curriculum to cover various fields, including linguistics, culture, history, and philosophy, while focusing on studying and teaching Chinese language and literature.

Main Courses

Chinese Conversation, Introduction to Modern China, Introduction to Chinese Premodern Literature, Introduction to Chinese Literature, Chinese Grammar, Chinese Classical Poetry, History of Chinese Literature, Chinese Modern Literature and Society, Classical Chinese, Shi-Jing and Chu-Ci, Introduction to Chinese Myths, Chinese Classical Prose, Special Lecture on Chinese linguistics, Capstone design of Chinese Interpretation and Translation, Selected Readings in Modern Chinese Literature

Career Paths

Our graduates enter careers in translation and interpretation, publication, business, finance, broadcasting, journalism, diplomacy, the government, secondary education, and higher education.

Special Features

- **Affiliated Organization**
— Center for Chinese Cultural Studies: The research institute was established in 2008 and has carried out a number of activities in various areas, such as academic research programs, symposiums, academic journals, and the operation of a reference room for in-depth and systematic research on Chinese culture. Through such activities, the research institute aims to make academic achievements and contribute to cultural exchange between Korea and China, national development strategy, and policy development.

- **7+1 Abroad Program**
— Students majoring in Chinese language and literature (sophomore or higher) are dispatched to universities in the Chinese-speaking world (Fudan University in Shanghai, etc.) on exchange programs for 1 of 8 semesters to intensively develop their language skills. In this program, 80% of the tuition fee at Ewha Womans University is covered by scholarships.

English Language & Literature

The Department of English Language & Literature aims to foster female leaders and professionals with critical viewpoints on the humanities and with creative skills and qualified English skills by teaching and researching British and American English, literature, and culture. The department teaches students to develop their English skills to cope with a range of academic and social demands; develop their intellectual abilities to understand British and American English literature and culture; and enhance their cultural senses to understand communication between various cultures.

Main Courses

Seventeenth & Eighteenth-Century English Literature, Eighteenth-Century British Novel, Nineteenth-Century British Novel, Nineteenth-Century British and American Poetry, Academic Writing I-II, Advanced Grammar, Advanced Reading, British and American Film, Film and Literature, Introduction to Drama, Literary and Media Translation, Phonology, Presentation and Debate, Twentieth-Century American Novel, U. S. Minority Literature, English Syntax, Drama, Theory and Performance, Cultural Theory, Survey of American Literature, Shakespeare, Women and Literature, Introduction to English Literature, Studies in British and American Culture, History of the English Language, Introduction to English Linguistics, English Semantics, Early Modern English Literature, Modern British and American Drama, Modern British and American Poetry

Career Paths

Our graduates work for various international organizations (UN, UNESCO, etc.) and domestic and foreign companies. Some find positions in a wide-range of fields such as finance and broadcasting. Many work as announcers, translators, administrative officials, diplomats, accountants, lawyers, consultants, editors, performance experts, teachers, and professors, among others. Many of our graduates also continue their studies in graduate school in Korea and abroad.

Special Features

English language and literature is the best major for finding employment and advancing to higher-level academic institutions. In the academic world, the Department of English Language and Literature has played a pivotal role in the humanities field, and by developing students' global linguistic abilities, humanistic knowledge, and creative ideas, the department has fostered talented female

professionals in demand by modern society. Students are also encouraged to prepare for their future careers by designing their own academic tracks by integrating various fields and majors. Approximately 50% of the students in English Language & Literature participate in study-abroad programs through general exchange and special exchange programs. The department also strives to provide all of its students with overseas learning experiences through the 7+1 Abroad Program, which allows students to receive a high-level education in language and content at a foreign university in an English-speaking country for one out of eight semesters. Such opportunities are intended to maximize the language and content learning of students majoring in English language and literature and foster global human resources with a broader understanding of the international community.

- **Department's Achievements**

- Included in the Top 100 on the QS World University Rankings in 2012.
- Ranked #1 in JoongAng Daily's National Evaluation of English Language & Literature Education in 2010.
- Selected for BK21 Humanities and Social Sciences Project and ranked #1 in the evaluation of participants in 2010.
- Designated as an excellent department by the Ministry of Education numerous times since 1986.

- **Affiliated Organization**

- The Institute of English and American Studies was established in 1999 to contribute to the research on British and American literature in Korea and to cultivate experts in British and American culture through cultural exchanges. Currently, the Institute focuses on post-colonialism, Asian characteristics, modernity, and feminism, and is carrying out various academic research projects. The Institute also holds various academic conferences, an international winter school, special lectures, etc.

French Language & Literature

The Department of French Language & Literature focuses on the study of French language, literature, and culture. The department aims to cultivate female professionals with global perspectives by teaching students the fundamentals of French studies with French linguistics and basic theories as the base, as well as more specialized areas within the study. The Department also intends to foster students' capabilities to develop Korean cultural contents and introduce them to France and other EU countries, deepen expertise of professionals who plan and, create international cultural contents, and expand the breadth of knowledge for those in cultural industries.

Main Courses

French Language and Culture, French Conversation, Multimedia French, French Grammar and Composition, History of French Literature, Introduction to French society, Business French, Introduction to French Linguistics, French Poetry, French Novels and Society, French Drama, French Short Stories, Meaning and Use of French Language, Structure and Use of French Language, French Translation, French Novels and Society, French Cinema, Introduction to Francophonie Culture, Screen French

Career Paths

Many of our students work in such fields as the arts, politics, the media, law, and finance (both domestic and abroad), among others. Some also continue their studies in graduate school in Korea and abroad.

Special Features

- **Affiliated Organization**

- The Institute of Semiotic Studies was established as an affiliate of the College of Liberal Arts in March of 1987 and has jointly been operated by the Department of French Language & Literature and the Department of German Language & Literature. The Institute studies all cultural phenomena in the fields of the humanities and social science in a single context by understanding linguistic phenomena as common social agreements through semiotics. It examines the unique sign system appearing throughout Korean culture and social phenomena, expanding its scope into related discipline.

- **7+1 Abroad Program**

- Students majoring in French language and literature (sophomore or higher) are sent to universities (e.g., Université de Tours) on exchange programs in the French-speaking world for one out of eight semesters to intensively

develop their skills in a foreign language while studying in the foreign country. For this program, 20% of the tuition fee at Ewha Womans University is covered by scholarships. Such a study abroad opportunity is intended to maximize the language learning of students majoring in French language and literature and foster global human resources with broader understanding of the international community.

- The department offers faculty-led overseas study programs, free special lectures on DELF (Diplôme d'études en Langue Française - Diploma in French Studies), meetings with exchange students from the French-speaking world guided by native-speaking professors, and an open and scholarly learning environment where professors and students can discuss things freely.



German Language & Literature

The Department of German Language & Literature, established in 1963, aims to teach German language based on fundamental knowledge of German linguistics and the culture and literary traditions of the German-speaking world, including Germany, Switzerland, and Austria. Through such curriculum, the department intends to foster professional women with global mindsets and understanding of humanity and the world. Not only is the department concerned with cultural approaches using German Language and Literature, but also, continuously searches and implements future-oriented educational methods applicable to various fields of society.

Main Courses

Advanced German Grammar, Reading of German Texts, German Conversation and Writing, German Drama, History of German Literature, Studies in Major Writers of Classical German Literature, Studies in Major Writers of Modern German Literature, German Fairy Tales, German Literature for Young People, Practical Business German, German on Current Affairs, German Novels, Theories of German Theatre, Modern German Aesthetics, Reading and Writing of Cultural Criticism, Literature and Arts of Expressionism, German Language and Culture, German Culture in Europe

Career Paths

Our graduates are working in such fields as broadcasting, news, diplomacy, business, finance, education, and interpretation/translation, among others.

Special Features

- The department provides students with opportunities to study in Germany through various scholarship programs.
 - At least two scholarship students are sent to the University of Göttingen every year for one year through the private funding of Director Jeong-ok Kim (alumna of the Department of German Language and Literature) of the Kim Hee-Kyung Scholarship Foundation for European Humanities.
 - Faculty-led overseas programs encourage students to participate in seminars in connection with a German university and explore the local culture for approximately two weeks every year or semester with school's support. Upon return, students are allowed to transfer credits from the German university.
 - The department organizes after-school introductory and intermediate level German study groups under the guidance of German students.
 - Students can also receive scholarships to study in Germany by participating in various events under the guidance of a German professor dispatched from Deutscher Akademischer Austausch Dienst (DAAD, German Academic Exchange Service).



History

The Department of History was established in 1955, and it explores human life across time and space through various methods. The department aims to develop intelligence, historical consciousness, and historical insights required by the processes of globalization, informatization, and professionalization in the 21st century. The department provides students with a wide range of general and professional knowledge, from Korean history and Asian history to Western history, in order to cultivate their competencies and sense of duty to cope with social changes creatively, with insights into the global trends of the future society.

Main Courses

History and Culture in the West, History and Culture in Korea, History and Culture in East Asia, Understanding of History, Modern History of Korea, Formation and Development of the Western Ancient Civilization, Ancient History of Korea, Formation of Medieval Europe and Feudal Society, Society and Culture in Medieval Korea, History of Chinese-Western Cultural Interchange, Modern Civil Society and Revolutions in the West, History of Korean Tradition and Folk Culture, History of the United States, History of Germany, Formation and Development of the Chinese Civilization, Trends in Western Contemporary History and the World, Trends in Chinese Contemporary History, Society and Culture in Early Modern Korea, Lives and Thought of the Korean People, History of Contemporary Korea, Japanese Socio-Cultural History

Career Paths

Our graduates become professors, researchers, curators, teachers, reporters, producers, writers, or public servants, among others.

Special Features

- **Affiliated Organization**
 - The Ewha Historical Institute was established as an affiliate of the College of Liberal Arts in December of 1963 with the aim of providing graduates of the Department of History with opportunities to continue their historical research, stimulating academic research in the field, and developing new research methods for theories in history in order to cultivate more holistic historical perspectives. The institute has made continuous efforts to popularize historical studies inside and outside the school. It also contributes to the scholarly development of historical studies through exchanges with domestic and foreign academies and reports research findings in close partnership with the Department of History.

Philosophy

Philosophy is a discipline that logically analyzes and summarizes various problems concerning the world and people to systematize the thoughts involved in the process. The purpose of philosophy education is to search for the wisdom of human life and the universe through creative thoughts and rigorous logic. The Department of Philosophy especially focuses on breaking the historical biases against women engaged in philosophical thought and study, enhancing the competence of female philosophers in the world of universal philosophy, and proposing philosophical questions from the unique analytical perspectives of women.

Main Courses

Western Ancient and Medieval Philosophy, Western Modern Philosophy, Metaphysics, Philosophy of Literature, Logic, Confucian Philosophy, Ethics, Philosophy of Art, Western Contemporary Philosophy, Teaching Philosophy, Epistemology, Existential Philosophy, Philosophy of Language, Philosophy of History, Comparative Philosophy, Eastern Contemporary Philosophy, Feminist Philosophy

Career Paths

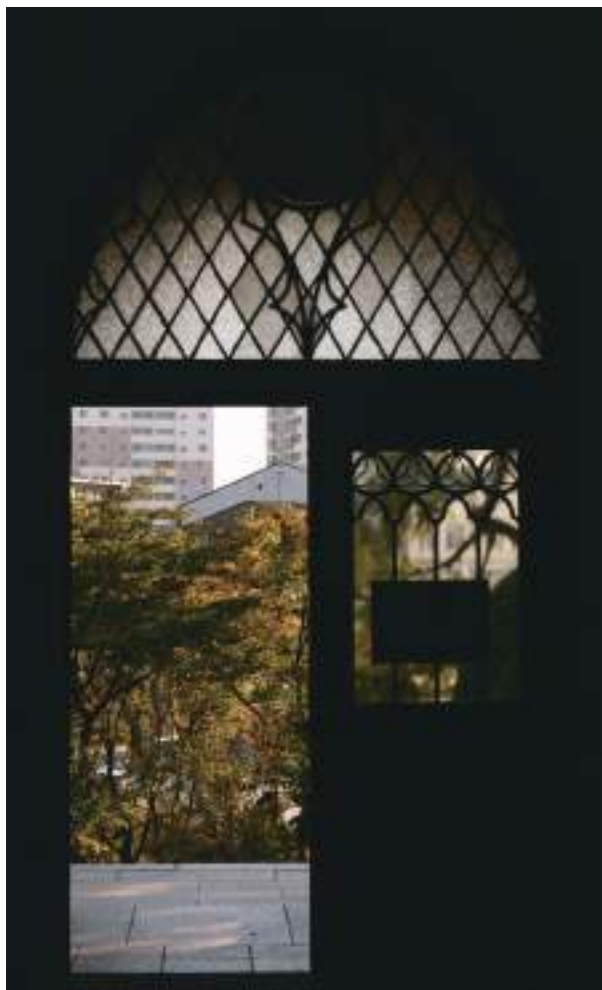
Our graduates work as poets, novelists, photographers, playwrights, journalists, film producers, or art critics, among others. Many of our students continue their studies in graduate school, specializing in such fields as philosophy and law.

Special Features

- **Affiliated Organizations**

- The Ewha Institute of Philosophy was established with the aim to study philosophy as the foundation for facilitating exchange between overall disciplines. It also provides various lectures and implements research projects to popularize philosophy and philosophizing of the public.
- Feminist Philosophy Research Center: Research on feminist philosophy and its propagation
- Logical Education Research Center: Research on the development of the ability to think logically and critically
- Philosophy Education Research Center: Research for the development of philosophy education and the promotion of philosophy education

- The Thursday Philosophy Symposium provides philosophy lectures for students majoring in philosophy; students specializing in the humanities, the arts, and the social science; professors; and the general public every Thursday, eight times each semester, along with cultural lectures on philosophy.



Christian Studies

The Department of Christian Studies aims to help students obtain fundamental knowledge about the world and people in modern society driven by materialism and secularism. The department develops the spirit of respecting life based on passionate sensitivity, dispassionate intelligence, and feminine sensibility; focuses on serving human society; and intends to foster female leaders who will be active in the international arena, including Asia, as theologians, pastors, educators, and activists.

Main Courses

World Religions and Korean Religions, Christian Ethics and Social Problems, Study on the Gospels, Biblical Hebrew, Introduction to Liturgical Studies, Christian Education, New Testament Greek, Modern Theology, Feminist Theology, Religion and Culture, Theory and Practice of Pastoral Counseling, Dialogue between Christian Theology and Contemporary Thought, Christian Ethics, Theology of the Old Testament, Theology of the New Testament, Religion and Psychology, Theology of Mission, Developmental Theories and Religious Education

Career Paths

Graduates work as theologians, ministers, consultants, politicians, social activists, or culture artists among others.

Special Features

- **Affiliated Organizations**

- The Ewha Institute for Women's Theological Studies was established as an interdenominational research institute in March 4, 1993. It is involved in the domestic feminist theological movement and the establishment of Korean feminist theology, and also provides the theological and practical grounds for feminist theology, aiming to help women fully achieve self-realization through the solidarity of Christian women around the world. To this end, the institute is providing theological education for female believers and pastors and implementing various programs, projects, and operations, including feminist theology seminars, international academic conferences, research and publications on feminist theology, publications of journals, and hosting a reference center.
- The Ewha Center for Pastoral Counseling aims to foster professional female consultants who can heal those who have been alienated and hurt in modern society. This center is an affiliate of Ewha Institute for Women's Theological Studies and mainly composed of students from the Ewha Womans University Graduate School of Theology and students majoring in pastoral consultation in the Graduate Schools of Christian Studies. The center provides Ewha Pastoral Counseling Academy to educate female laity, internship/residency program to practice counseling, and counseling for family, children, youths, married couples as well as faith counseling and on-line counseling.



COLLEGE OF SOCIAL SCIENCES

UNDERGRADUATE & GRADUATE PROGRAMS



Political Science & International Relations

Political Science and International Relations is an important part of social science; the central aim is to understand the characteristics of society and to respond to the problems that lie within it. The Department of Political Science & International Relations helps students acquire knowledge on and learn the value of the survival and prosperity of the state, people, and society. By doing so, our students become creative professionals who can offer critical thoughts and visions for the broader community.

Main Courses

What is Politics?, Understanding Global Politics, Comparative Politics, Classics in Political Science, Political Sociology, State and Market, Gender Politics, Politics of Western Europe, Korean and Eastern Political Thoughts, Elections and Party Politics, Modern Political Thoughts of Individualism and Statism, Contemporary Political Thought, International Organization

Career Paths

Students majoring or minoring in Political Science & International Relations often move on to become diplomats or find positions in international organizations, media outlets, or middle and high schools. Many of our students also continue their academic studies in domestic or foreign graduate schools.

Special Features

- **Department's Achievements**

— In 2013, the department was selected as the "Organization of the Future" by the Ewha Global Top 5 Project which supports pioneering research groups.

— In 2013, the department was selected to join the BK21 Plus. The department not only conducts studies on cultural phenomena and the related political changes, but also opens courses on the research topics in order to produce outstanding individuals in cultural politics and political culture.

- **Special Lectures**

— The department has organized numerous special lectures from academic seminars that focus on in-depth knowledge of the field to special seminars with alumnae who are actively engaged in many parts of the society.



Public Administration

We now live in a society that is more globalized than ever before, with an increasing amount of information and women leaders. For the past century, the Department of Public Administration has been committed to educating and empowering female students. Today the department is dedicated to producing female experts on policy making and public officials. The outstanding research, developments, education, and training system of our department help students to become successful public servants.

Main Courses

Introduction to Public Administration, Government and Public Policy, Public Personnel Administration, Public Policy for Women, Governmental Accounting, Issues in Urban Policy, Cultural Policy, Markets and Planning in Government, Introduction to Health Policy, Studies in Administrative Philosophy, Public Finance, Urban and Regional Planning

Career Paths

Graduates of Public Administration work in various organizations such as government agencies, public corporations, private companies, media outlets, educational institutions, international organizations, NGOs, research institutes, and many others. Students also continue their studies in graduate schools in Korea and abroad.

Special Features

- **Department's Achievements**

— Awarded at the 2012 Korea Public Administration Studies Career Support Program.

— Awarded Gold Medal at the 2012 E-PAS 10th University Model Cabinet Meeting.

— Awarded Gold Medal at the 2010 E-PAS 8th University Model Cabinet Meeting.

— Professor Chung-Lae Cho received the Herbert Kaufman Award at the 2010 Annual Meeting of American Political Science Association Division of Public Administration.

- **Activities**

— Ewha Public Administration Society (E-PAS): E-PAS is a student activity group which studies and holds debates on many topics including administrative phenomena and state management. E-PAS publishes the Journal of Ewha public administration every year. The group also participates in the University Model Cabinet Meeting every year to learn more about the basics of government administration and ways in which the government implements policies.

Economics

Economics is one of the most popular majors among students; currently some 700 students major in economics, and some 800 students minor in economics. Basic lessons in economics help students acquire knowledge necessary in the modern society. With more advanced courses in addition to the basic lessons, our graduates find positions in the government, public agencies, financial institutions, corporations, and academia among many others.

Main Courses

Principles of Economics, Microeconomics, Macroeconomics, Mathematics for Economics, Financial Economics, Public Finance, Economics of Consumer Behavior, Game theory, Industrial Organization, Economic Forecasting, Gender Economics, Economics of Information, Econometrics, Economics of Environment

Career Paths

Graduates of Economics have careers in the government, corporations, research institutes, educational institutions, financial institutions, government agencies, and other related fields. Many graduates also become accountants or continue their education in graduate school.

Special Features

- **Activities**
— Department of Economics Workshop, Economics Sports Day (an event for the faculty and students), Meal with Professors, and many others to create a cooperative community.



Library & Information Science

Library and information science searches for logical and scientific explanations of phenomena related to library and information. The discipline also seeks for ways to apply academic findings to real-life situations, making it an area of study closely related to our society. Ewha's Department of Library & Information Science has produced outstanding information experts who can lead the rapid changes in computer technology, electronics, publishing networks, and multimedia technology.

Main Courses

Introduction to Library and Information Science, Administration of Library and Information Center, Classification, Cataloging, Studies in Bibliography, Management of Classical Materials, Introduction to Collection Management, Records and Archives Management, History of Libraries, Children's and Young Adults' Literature, Reading Guidance, Library Practicum (capstone design)

Career Paths

Students who complete the program are prepared to become specialist librarians, archivists, information technology experts, internet information experts, web

experts, information managers at corporations, information journalists, professors, researchers, or instructors.

Special Features

- **Department's Achievements**
— No. 1 in University Library and Information Science Ranking (School Press) in 2012
- **Activities**
— Welcoming event for students, Department of Library and Information Science Workshop, School Festival, volunteering opportunities for students in the College of Social Science, College of Social Science Festival, Night of Library and Information Science, and many more.
- **Facilities**
— All training rooms are equipped with a high-tech multimedia system, and a training facility is provided in the Ewha Centennial Library in order to help students prepare for the field.
- **Certification**
— All Library and Information Science students receive Level 2 Librarian Certificate upon graduation; those graduates who complete teaching courses receive a certificate in library instruction.

Sociology

Sociology is more than a field that develops abstract knowledge; it is one of the most important areas of study in social sciences that contains insights into life and practical approaches for the development of humankind. Ewha's Sociology Department has a long history, being the third oldest of its kind in Korea. The department has produced many graduates who excel in many industries with great research skills and professional expertise.

Main Courses

Introduction to Sociology, Social Statistics, Classical Sociological Theory, Social Organizations, Career Development and Internship in Sociology, Sociology of Work and Employment, Social Research Method, Sociology of Families, Capstone Design of Social Research Practice, Economic Sociology, Quantitative Research Methods, Comparative Sociology, Population and Society, Sociology of Culture, Medical Sociology, Sociology of Environment, Sociology of Emotion

Career Paths

Our Sociology graduates are actively working in corporations, research institutions, political parties, news media, broadcasting, survey research institutions, NGOs, and many more. Many also continue their studies in graduate schools in Korea and abroad.

Special Features

- **Activities**
 - The Night of Sociology: This is a yearly event in which Ewha sociology alumnae who are experts in their fields come to advise students on school and career related directions. This event is also connected to mentor programs.
 - Mentoring & Networking: Students form a group and visit an alumna at her work. It is an opportunity for the students to get invaluable career advice.
 - Homo Sociocus (Sociology Society): This is an academic study group led by the students. Students read sociology related literature and debate relevant issues every week. They also invite professors to engage in productive discussions.

- **Department's Achievements**
 - In the 19th university ranking conducted by Joong Ang Daily in 2012, Ewha's Department of Sociology was placed in the top grade. Ewha's Sociology received the top grade in 2011 and the second grade in 2013. In 2013, Ewha's Sociology was evaluated as No.1 in DongA Ilbo's university sociology major ranking.
- **Affiliated Organization**
 - The department is planning to open the Social Innovation Research Institute in order to study and understand the changing Korean society. This institute will not only enhance the research capacity of professors and researchers, but also provide opportunities for graduate students to participate in research and interact with experts in the field.
- After screening submitted research proposals, two teams each with two students are chosen. The department supports the chosen teams to conduct research abroad for 10 days.



Social Welfare

Social welfare is a practice-oriented discipline with the goal to enhance people's wellbeing and the future based on systematic understanding of human behavior and social environment. Our program provides education that promptly meets the demands of our time and the field by: (1) providing the highest quality education for undergraduates; (2) enhancing the global capacity of students; (3) fortifying creative interdisciplinary approaches; (4) strengthening the adaptability of classroom knowledge of the field; and (5) enhancing leadership and communication skills.

Main Courses

Introduction to Social Welfare, Social Work Practice, Social Practice Skills and Techniques, Social Welfare Policy, Social Welfare Administration, Community Social Welfare, Research Methods for Social Welfare, Social Work Field Practicum, Social Welfare Law, Child Welfare, Social Work Ethics and Philosophy, Industrial Social Welfare, Correctional Social Welfare, Case Management, Social Welfare with Disabled People, Social Welfare for the Elderly, Social Work in Health Setting, Mental Health

Career Paths

Many alumnae are now social workers at various institutions including social welfare organizations, NGOs in Korea and abroad, corporate social responsibility teams, welfare institutions, international organizations, and hospitals. Many others work in the government or government research institutes specializing in social welfare administration or programs.

Special Features

- **Activities**
 - The department invites alumnae twice a year to provide students with opportunities to learn about their career options. The department also hosts many events to encourage interaction between students and faculty. The student council for social welfare majors does volunteer work in order to learn more about social welfare and to build a sense of belonging in the department. In addition, student groups such as the Singing for Love Group, SYMPO (an academic society), and SOCIO DRAMA TEAM are run by social welfare.
- **Department's Achievements**
 - With the goal of nurturing leaders in social welfare in the globalized world. The department established the Graduate School of Social Welfare at Royal University of Phnom Penh (RUPP) in Cambodia in 2010 and opened Ewha Social Services, is a social welfare facility in Cambodia in 2012.
 - The department was evaluated as "outstanding" in the comprehensive evaluation for BK21 project stage 2 for 6 years. The department was also chosen as a Leading University in International Cooperation by the Ministry of Education in 2012.
 - The department was selected to participate in the Ministry of Education's BK21 Plus project for welfare pioneering (as "Creative Social Welfare Education for Welfare Leaders of the Future Team" in 2013.
- **Certifications**
 - Graduates receive Level 2 Certificate for Social Work and qualify to apply for Level 1 Certificate for Social Work.

Psychology

Psychology is a field in social science that seeks to explain the human mind and behavior, through experiments, surveys, and observations. Unlike philosophy and literature, psychology measures human and animal behavior in a controlled environment. Since psychological research is thorough and objective, this area of study is a perfect match for those students who want to analyze and understand humanity using scientific methodology.

Main Courses

Understanding Psychology, Developmental Psychology, Personality Psychology, Psychology of Learning, Biological Psychology, Basic Statistics for Psychology, Psychological Measurement and Testing, Developmental Psychology of Adolescence, Psychological Research Methods, Psychology of Perception, Psychological Assessment, Adult and Aging Psychology, Intermediate Statistics, Psychology of Language, Advertising Psychology

Career Paths

Many Psychology graduates are employed as counselors in elementary, middle, and high schools as well as social welfare institutions for juveniles. They also work as developmental psychologists for children with developmental disability. Others work for private companies, advertising firms, and research centers, or continue their studies in graduate school to become experts in the field of psychology.

Special Features

- **Affiliated Organizations**

- Advertisement Effects on Consumers Center: This center measures the effectiveness of advertisements through online and offline experiments in order to study the psychology of consumers.
- Developmental Therapy Center: This is a play therapy facility equipped with Bayley Scales of Infant Development, psychological assessment resources, and sand play therapy tools. The center observes children's behavior and treatment processes through a one-way mirror.
- Trauma Research Center: This center conducts research on psychological trauma and trains trauma experts.
- Psychic Counseling Laboratory: The laboratory conducts research on psychological counseling (counseling processes and results, training counselors, counseling women).
- Psychological Testing Center: The center conducts

psychological tests, studies psychometrics, and analyzes data.

- Cognitive Psychology Laboratory: The laboratory studies and analyzes decision making processes for perceived risks.
- Speech Perception Laboratory: The laboratory conducts experiments on perceptions including speech perception and holds seminars.

Consumer Studies

Consumer studies is more than about pursuing the well-being of consumers. The discipline not only offers visions to students to understand consumers as living human beings instead of uniform objects, but also provides specialized knowledge and views on the global and multi-cultural consumption patterns. In the 21st century, production and consumption are no longer separated, and markets are not formed or operated in just one country. The pattern of consumption can never be understood without explaining the emergence of prosumers, breakdown of regional barriers, and interactions between different cultures. The Department of Consumer Studies aims to produce experts on consumption activity who understand changes in the patterns of consumption and the market, and respond quickly to rapid changes. Students learn consumer behaviors by majoring in consumer studies and become experts on consumption activity, welfare and education, marketing, and private financial planning. The department also trains students to become experts who forecast consumption trend of the future.

Main Courses

Consumers in Modern Society, Understandings of Consumer Science, Consumer Marketing, Consumer Education, Consumer Lifestyles, Consumer Culture, Consumer Communication in Context, Analysis of Consumption Patterns and Trends, Consumer and Information, Family Business in Consumer Science, Consumer Financial Planning, Consumer Market Research, Consumption and Leisure Culture, Consumer Satisfaction Management, Consumer Investment and Insurance, Consumer Law and Policy

Career Paths

Graduates work at corporations, researching branches of corporations, research firms, consumer groups, educational institutions, banks, research institutes, and many others.

Some graduates continue their studies in graduate schools in Korea and abroad.

Special Features

- **Special Lectures**

- Special lectures by alumnae are held frequently. Consumer forums are also held with a series of special lectures by experts from corporations or consumer groups.

- **Department's Achievements**

- Awarded at the Consumer Education Contents Contest
- Awarded at the Financial Planning Contest hosted by Korean Academic Society of Financial Planning and Korea Financial Planning Association
- Awarded the GS Scholarship



Communication & Media

The Department of Communication & Media aims to produce professional communicators with cross-media competency suitable for the changing global community and advancing digital technology. With analytical insights, logical thinking, and communication skills as the basis, communication and media majors build their competitiveness by choosing one concentration from six intensive tracks including Journalism, Strategic Communication, Digital Media Contents, Video Culture Communication, Global and Cross-cultural Communication, and Media Management-Policy and Legislation, or the self-planning track that integrates communication & media with different studies as the seventh option.

Main Courses

• Core Courses

— Media Writing and Public Speaking, Media Research Method, Mass Media and Society, Theories of Mass Communication, Psychological Approach to Mass Communication, Human Communication, Persuasive Communication, Media and Gender, Journalism and Society, Understanding Advertising, Public Relations & Communication, Introduction to Broadcasting, Phenomena & Meaning making, Global Communication, Theories in Visual Communication, Philosophy of Journalism, Information Society & New Media, Introduction to Digital Media Environment

• Advanced Courses

— Advanced Broadcast News Production, Broadcast News Reporting & Writing, Computer-Assisted Reporting, Journalism Criticism, Intermediate News Reporting & Writing, Desktop Publishing, Basic News Reporting and Writing, Political Communication, Argumentation, News Reporting & Writing, Advanced News Reporting & Writing, Global Journalism, English Journalism for Beginners, Comparative Media Systems, Advertising Media Planning, Advertising Management, Advertising Copywriting, Corporate Communication, PR Writing, Production & Digital Media, Advertising & PR Strategic Research, Advertising Creative Strategy, Advertising Campaigns, Public Relations Campaigns, Crisis Management and Conflict Resolution, Public Relations Strategy, Government and Nonprofit Communication, Public Relations and Society, Internet Communications & Strategy, Advertising and Consumer Psychology, Understanding Popular Culture, Media Consumer Study, Television Production, Media Criticism, Documentary Production, Film Theory and Criticism, Practice of Making Photograph, Marketing strategy and practice for Visual Contents, Basis of Multimedia Production, Basis of Digital Video Expression, Digital Video Production, Interactive Contents Design, Introduction to Interactive

Media, Practice of Making Photograph, The Introduction of Contents Business, Analysis of Current Issues in the Media Industry, Media Law and Policy, Media Industry and copyright, Visual Media management, Introduction to Telecommunications Policy Studies, Media Law Case Studies

Career Paths

Many Communication and Media graduates become journalists, producers at major broadcasting systems researchers, news anchors, or writers, among others. Graduates also work for government research institutions related to communication, online news media outlets, PR firms, marketing companies, advertisement agencies, private research firms, broadcasting companies, or news organizations.

Special Features

• Tracks

— Journalism Track aims to train future journalists with clear writing skills and a strong sense of responsibility. Our program includes theoretical courses such as Journalism Ideology, Critiquing Journalism, Political Communication, and Global Journalism, with practical training related to covering and reporting news. Through English journalism, criticism on current issues, and debating courses which the department offers, students build their social awareness and learn constructive criticism.

— Strategic Communication Track aims to produce advertisement and PR experts with an analytical capacity, planning ability, and problem-solving competency, who will contribute to the international community. The track nurtures professional communication experts who will work in brand marketing, PR, public campaign for public interest, health sciences communication, and many other related fields.

— Digital Media Contents Track trains experts in planning, production, and distribution of video contents who will lead the digital video era. The curriculum is designed to

understand the interaction between humans and technology, and between individuals. With this as a basis, the curriculum is also designed to help students plan, produce, and evaluate media systems, services, and contents.

— Video Culture Communication Track offers theoretical courses analyzing and criticizing social phenomena and practical training courses on depicting socio-cultural values and ideas on video. The track aims to nurture multidimensional experts in various fields in this era of image media. It also aims to produce talented individuals who design cultural contents.

— Media Management-Policy and Legislation Track is designed to educate students on the trends and outlooks in the media industry and strategies of programming and distributing. By focusing on this track, students prepare to become leaders in the media industry. The track aims to nurture individuals who contribute in establishing policies and legislations related to the changes, outlooks, management, distribution, and consumption of media.

• Department's Achievements

— The department ranked No.1 in the Mass Communications-Advertisement and PR category in 2004 University Assessment and Assessment on Areas of Study by the Korea Council for University Education.

— The department recorded the highest employment rate for graduates for two consecutive years in the College of Social Science.

— The PR student club, EPRIs (Ewha Public Relation In study), was awarded the first prize at the Park Geun-hye Administration PR Strategy Presentation of the Young hosted by the Ministry of Culture, Sports, and Tourism in 2013.

• Affiliated Organizations

— The Seoam Video Production Center is a facility for undergraduate practical training courses in Communications & Media. In addition, videos for student clubs and school events are produced here; recording and editing lectures and other occasions are also done here.

The editing room is equipped with the most up to date digital system used in the image industry.

— The department has a studio equipped with cutting edge technology along with chroma key board and lighting. The control booth has equipments suitable for practical training classes and video production.

— The digital video lab has 24 computers to host classes on digital images.





COLLEGE OF NATURAL SCIENCES

UNDERGRADUATE & GRADUATE PROGRAMS



Mathematics

Mathematics is a study of clarity, accuracy, and beauty. As the language of natural sciences, mathematics studies numbers, logic, and spaces. It is not only the most basic tool for explaining all laws of nature, but also the most important means for humankind to understand natural phenomena. Mathematics is largely divided into pure mathematics and applied mathematics. Pure mathematics includes calculus as the basis of analysis of the characteristics of algebraic functions, algebra as the basis of study on the arithmetic operation and system, and topology and geometry as the basis of study on the properties of space. Applied mathematics interconnects mathematics with natural sciences, engineering, economics, and social science; it is a study that seeks solutions for real-life problems.

Main Courses

Advanced Calculus, Linear Algebra, Discrete Mathematics and Programming, Set Theory, Numerical Differential Equations, Topology, Complex Analysis, Theory of Integers, Numerical Analysis, Numerical Differential Equations, Cryptography, Abstract Algebra, Differential Geometry, Real Analysis, Introduction to Modern Cryptography, Digital Image Processing, Mathematics of Finance, Actuarial Mathematics

Career Paths

Many of the graduates work for schools and universities. Most students apply their scientific knowledge and skills in diverse areas such as educational institutions, research institutes, banking and insurance institutions, computer or data processing related businesses, publishing agencies, and trading companies. Our graduates have become experts in computer science, information sciences, economics, business management, and applied mathematics. Many of our students also enter graduate school.

Special Features

- **Department's Achievements**

- Selected as the top-class department in natural sciences and engineering in the Joong Ang Daily University Ranking 2011; the only top-class department in natural sciences and engineering in the Joong Ang Daily University Ranking 2012; and the upper department in natural sciences and engineering in the Joong Ang Daily University Ranking 2013.
- Received the Excellent grade in BK21 project's comprehensive assessment from 2006 to 2013.
- Chosen to participate in the BK21 Plus project.
- Developing projects to produce Master's and Doctoral degree level graduates for 7 years from 2013 to 2019 and to encourage academic research.

- **Affiliated Organization**

— The Institute of Mathematical Sciences provides benefits to graduate students who participate in academic conferences or publish papers. The institute also offers study abroad opportunities. The Mathematical Research Institute was chosen as one of the key research institutes in natural sciences and engineering by the Ministry of Education and National Research Foundation of Korea in 2009. Since then, the institute has supported 19 research professors and post-doctorate researchers and 20 graduate schools.

- **Scholarships**

— Academic excellence, natural science and engineering, study abroad, and Ewha welfare scholarships are available for students. In addition, Hong Sung-dae (Mathematics Alumnae Association president) and Shin Dong-seon provide scholarships for mathematics students. Students can also apply for the Lotte Foundation Scholarship, national scholarships for natural sciences and engineering students, and many other scholarships.

- **Internship Opportunities**

— The department offers summer and winter internship programs to give mathematics majors interested in going to graduate school the opportunities to participate in research. Students participating in the program may take part in research and academic conferences.

Statistics

Statistics is a study that enables us to make reasonable decisions and forecasts by analyzing natural, social, and economic phenomena as well as many other areas through a scientific approach. Our program trains students to become experts in data analysis and data processing which, our society, revolving around the information industry, requires. Our goal is to produce experts with specialized knowledge in statistics who will work in banking, insurance, stocks, and other financial areas. In addition, analyzing big data has become one of the most popular areas of statistics as the demand for it has been on the rise.

Main Courses

Statistics, Computational Statistics and Lab, Matrix Algebra, Advanced Calculus, Basic Probability Theory, Regression Analysis, Mathematical Statistics I·II, Introduction to Computer Programming, Statistical Data Base, Statistical Consulting Practicum, Statistics for Management and Economy, Theory of Experimental Design, Multivariate Statistical Analysis, Introduction to Time Series Analysis, Measure and Probability, Data Mining, Categorical Data Analysis, Insurance Statistics, Statistics for financial engineering

Career Paths

Most graduates work in banks, insurance companies, securities companies, private or company credit-rating agencies, government agencies, corporations, corporate research institutions, educational institutes, survey research organizations, medical research institutes, and many other entities. Others apply their statistical knowledge and become accountants. Many of our students also enter graduate schools.

Special Features

- **Affiliated Organization**

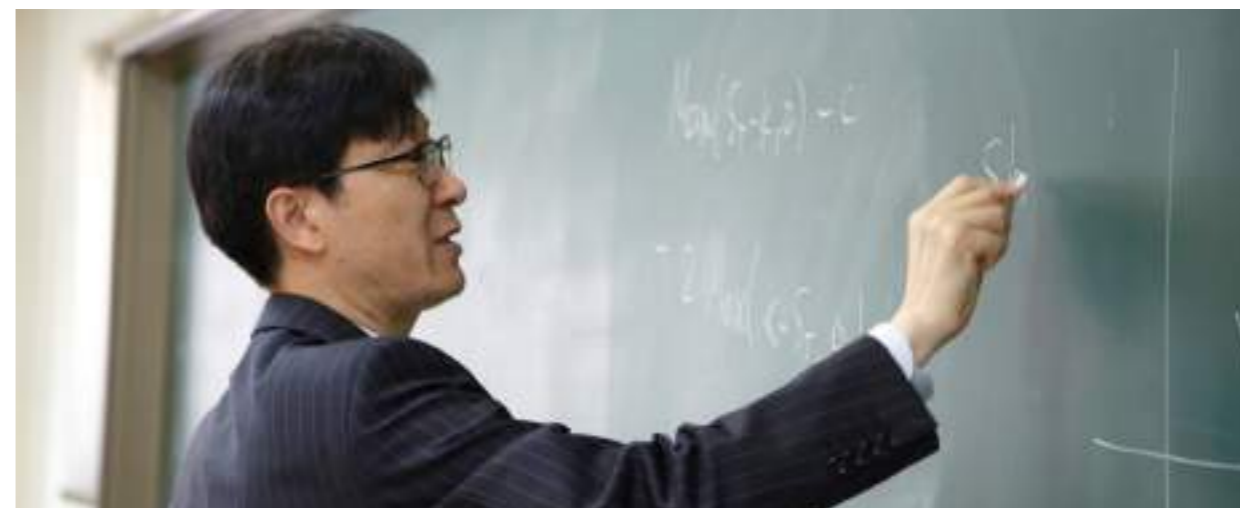
— The Ewha Institute of Statistics has four specialized divisions related to the current trends in statistics. Unlike other statistics institutes, the Ewha Institute of Statistics specializes in joint research through interdisciplinary approach to statistics.

- **Statistics Software Education**

— Training in SAS, SPSS, E-Miner, Minitab, and R, Visual Basic, among others, is offered in order to enhance data processing skills.

- **Certifications**

— Graduates may apply for Korea Actuary Certificate, U.S. and Canada Actuary (Society of Actuaries), Futures Trading Certificate, Securities Investment Advisor Certificate, Financial Planner, Social Survey Analyst Certificate Class 1 and 2, SAS Certificate, Engineer Quality Management Certificate Class 1, Engineer Information Processing Certificate Class 1, etc.



Physics

Physics fulfills humankind's curiosity and expands human knowledge about ourselves and the nature. Since the beginning, physics has always been about accumulating knowledge to understand and explain the provisions of nature. Our students learn this idea and acquire logical, organized reasoning skills along with analytical thinking skills. Students trained in physics can view social phenomena with curiosity and work to understand them. This process helps students to become truly creative and intelligent minds of our time.

Main Courses

Mechanics, Electricity and Magnetism, Quantum Mechanics, Thermal and Statistical Physics, Theories of Waves and Optics, Modern Physics, Mathematical Physics, Physics Laboratory, Computational Physics, Particle Physics, Solid State Physics, Spectroscopy, Astrophysics, Biological Physics

Careers Paths

Most graduates work in major universities and research centers. Others apply their scientific knowledge and skills in diverse areas such as corporate research (electronics, semiconductor, display, etc.) and technology management. Many graduates also become experts on the patent system; patent attorneys and officials at the Korea Intellectual Property Office are some examples.

Special Features

- **Department's Achievements**

- Ranked in the middle- to top-class in Joong Ang Daily's College Assessment every year since 2010.
- Evaluated as the only top-class physics department in the Joong Ang Daily College Assessment in 2012.
- Chosen to participate in the BK21 Plus project.

- **Affiliated Organizations**

- The Quantum Metamaterials Research Center was chosen as an outstanding scientific research center by the Ministry of Science and Technology and Korea Science and Engineering Foundation in 2008. Ewha physics' professors are members of the institute. The goal of the center is to produce quantum metamaterials that are key to quantum information processing technology based on quantum mechanics and nano technology.
- The Institute for the Early Universe was founded in 2009 with George F. Smoot, 2006 Nobel Prize Laureate

in Physics, as the director. The purpose of the institute is to understand early universe through studies on cosmic background radiation and today's universe through research on dark energy and dark matter as well as to develop source technology.

- The New and Renewable Energy Research Center was established in 2009 to support research on new and renewable energy. The goal of the center is to train leaders in the field of energy by converging studies on nano-technology and information technology.

- The CNRS-Ewha International Research Center was endowed by the National Research Foundation of Korea and the Ministry of Education, Science and Technology. The center conducts collaborative research with the CNRS (Centre National de la Recherche Scientifique) in France on the topic of quantum dynamics imaging. Researchers of both institutes have the opportunity to research in Korea or in France.

- The research fund provided to each professor is at the highest level in Korea. Ewha's Physics department is a leader in the field thanks to the great support from the university, cooperation with the industry, and scholarships.

Chemistry & Nano Science

Chemistry and nano science is about understanding the synthesis of matters at molecule and molecular assembly level and physiochemical characteristics. Recently converged, chemistry and nano science is playing a pivotal role in energy, environment, biomaterials, bio-elements, application of applied sciences and other related areas for future development. We offer courses on physical chemistry, organic chemistry, inorganic chemistry, analytical chemistry, polymer chemistry, biochemistry, and nano science. Students acquire specialized knowledge on chemistry and nano science and build their research capacity in both natural and applied sciences. Our program trains future female leaders in science technology who can contribute to the well-being of humankind and to the development of society.

Main Courses

Physical Chemistry I, Physical Chemistry II, Physical Chemistry III, Biophysical Chemistry, Organic Chemistry I, Organic Chemistry II, Bioorganic Chemistry, Spectroscopy for Organic Structural Analysis, Organic Synthesis, Inorganic Chemistry I, Inorganic Chemistry II, Nano Science, Analytical Chemistry I, Analytical Chemistry II, Instrumental Analysis, Polymer Chemistry I, Polymer Chemistry II, Biochemistry I, Biochemistry II, Organic Materials for Energy and Electronics, Physical Methods in Chemistry, Organic Chemistry Laboratory

Career Paths

Most graduates work for corporate research institutes; state research institutes; the Ministry of Trade, Industry and Energy; the Ministry of Science, ICT, and Future Planning; Korea Communications Commission; and other entities. Others become patent attorneys or patent experts at the Korea Intellectual Property Office or corporate research institutes. Many students also enter graduate school.

Special Features

- **Department's Achievements**

- Selected as a beneficiary of the Ministry of Education's specialization project from 2004 to 2009.
- Selected to participate in the Ministry of Education's BK21 project between 2006 and 2013 and BK21 Plus project between 2013 and 2020.
- Selected as a key research center by the National Research Foundation of Korea.
- Selected as a "Creative Research Center" twice.
- Designated as the National Research Laboratory five times.

- **International Exchanges**

- The department participates in collaborative research projects with 29 universities and research centers in 10 countries including the United States, Germany, Britain, and Australia.

- **Affiliated Organizations**

- The Center for Intelligent Nano-Bio Materials serves the purpose of developing core technology required for BT-NT fusion, which is a newly emerging research area that will determine the national competitiveness in science and technology in the future, building the necessary research infrastructure.
- The Center for Catalysis and Synthesis is playing an important role in domestic and international scientific circles, especially in metal-organic chemistry and catalysis.

- The department signed an academic-industrial cooperation agreement with Solvay in May, 2011, and Solvay's Research and Innovation Center opened in Ewha Womans University. Solvay's Global Business Unit Special Chemicals moved to the campus and the corporation hires trained graduates of Ewha and develop new areas of business together.

- **Laboratories**

- Polymeric Biomaterials Laboratory, Solid State Chemistry Laboratory, Nano-material and Element Laboratory, Nano-Bio Materials Laboratory, Polymer Nanohybrid Materials Laboratory, Advanced Nanomaterials Laboratory, Nano Biomimetic Materials Laboratory, Bio-energy Laboratory, Physical Chemistry Laboratory, Biometrics Laboratory, Center for Biomimetic Systems, Computation Biophysical Chemistry Laboratory, Bio/Electroanalytical Chemistry Laboratory, BioOrganic Chemistry & Glycomics Laboratory, Biochemistry Laboratory, Organic Materials & Molecular Recognition Laboratory, Organic Response Mechanism Laboratory, Medicinal Chemistry Laboratory, Organic Synthesis Laboratory, Electroanalytical Chemistry Laboratory, Combinatorial Biosynthesis National Research Laboratory, Intelligent Nanohybrid Materials Laboratory, Advanced Organic Synthesis Laboratory, Fluorescence Nanoscopy Laboratory, Supramolecule Laboratory

Life Sciences

Students in life sciences study various biological phenomena to identify various causes and stages of life. Our program includes lectures, debates, seminars, laboratory practice sessions, and internships to teach students causes and stages of biological phenomena. We aim to help students become experts in life sciences with specialized knowledge in biology.

Main Courses

Cell Biology, Biochemistry, Molecular Biology, Microbiology, Physiology, Developmental Biology, Immunology, Ecology, Animal Behavior, Plant Morphology, Molecular Evolution, Neuroscience, Environmental Ecology, System Biology

Careers Paths

Our graduates work at national research institutes, pharmaceutical companies, bioengineering companies, government agencies, UN and other international organizations, universities, and many other entities. Many graduates also become patent attorneys, teachers, public officers, and professors. Some graduates enter graduate school, medical school, or pharmacy school.

Special Features

- **Affiliated Organizations**

- The Research Center for Cellular Homeostasis conducts extensive research on the regulatory mechanism within and between cells to maintain homeostasis.

- The Research Institute for Basic Sciences was established in affiliation with the College of Natural Sciences. The institute aims to contribute to the advancement of basic sciences and conducts research on specialized fields.

- The Natural History Museum aims to preserve biodiversity and houses a collection of animal specimens, plants, mineral rocks, and fossils. The museum also leads academic and applied research for the purpose of environmental protection. Educational programs are hosted by the museum.

- The Ewha Research Center for Systems Biology was established in 2001. The center develops and conducts research on various programs and databases in order to integrate and analyze omics data on dielectric, transcriptome, and protein body.

- The Bio-Redox System Research Center was established in 2009 with researchers in bioscience, chemistry, and pharmacy, to provide a core theoretical foundation for bioactive control through the integral understanding of the redox system, using a multidisciplinary approach. The center also carries out creative studies to develop a new model of biomimetic systems and innovative candidate materials for new medicinal products.

- The Research Institute of Ecoscience conducts research on the environment to preserve bio-diversity and educate students on the topic. The institute also leads research funded by external organizations and offer educational programs on natural history.

- Outstanding students may be accepted into the combined Bachelor's/Master's program. These students may graduate early and finish their Master's program in 3 semesters.

- The Natural History Museum is home to 200,000 specimens. The museum not only collects and displays specimens, but also educates and studies them.

- Lab Rotation, Research Internship Programs

- Students can have first-hand research experience in research labs.





ELTEC COLLEGE OF ENGINEERING

UNDERGRADUATE & GRADUATE PROGRAMS



Mechanical and Biomedical Engineering

Mechanical and Biomedical Engineering deals with a field of advanced interdisciplinary research focusing on the bio-health industry, which is rapidly growing around the world. The Division of Mechanical and Biomedical Engineering provides students with multidisciplinary and convergence education programs in biotechnology. The academic programs and departments of the university- such as life sciences, pharmacy, engineering, and brain & cognitive sciences- will be highly beneficial for education as well as research. The division aims to foster women engineers to lead the biomedical and healthcare industries including advanced medical devices, intelligent robots, big data, bioinformatics, biomedical engineering, and biosensors.

Main Courses

- **Mechanical Engineering Track**

— Statics, Dynamics, Fluid Mechanics, Thermodynamics, Automatic Control, Machine Element Design, Optimal Design, Robotics, Design and Analysis of Robot Mechanism

- **Biomedical Engineering Track**

— Biomechanics, Biomaterials, Nano-Bio Engineering, Musculoskeletal Biomechanics, Tissue Engineering, Rehabilitation Engineering, Medical Image Processing, Cell Mechanics, Neuroengineering, Medical Instruments

- **Biodata Track**

— Bioinformatics, Biostatistics, Data Structure, Genome Informatics, Numerical Analysis, System Biology, Artificial Intelligence, Genomics and Personalized Medicine

Career Paths

Education in Division of Mechanical and Biomedical Engineering aims for both further research in graduate schools and industrial careers. Since we pursue a convergence of multiple fields of study, the graduates can have a wide range of future careers including domestic and international companies related to biotechnologies, electronics, mechanics, and information technologies such as Samsung Electronics, Samsung Medison, GE Healthcare, Johnson & Johnson, Seimens, etc. Also there exist job opportunities in national research and evaluation institutes for biomedical devices such as Ministry of Food and Drug Safety, Korean Institutes of Science and Technology, Korean National Evidence-based Healthcare Collaborating Agency, Medical Innovation Foundations, Korea Research Institute of Bioscience and Biotechnology, etc.

Special Features

- **Converged Education**

— Cube curriculum packages encompassing design, contents, and humanities is provided. Interdisciplinary curriculums are recommended not only within engineering majors but also with Art & Design, Liberal Arts, Social Sciences, Natural Sciences, Pharmacy, Medicine, etc. Convergence majors are offered.

- **Industrial needs-matched Education**

— The students are to be trained to acquire practical abilities by offering industry tailored curriculums and internship program. They are required to attend industry internship program and global field training as part of the regular curriculum.

— 8+② semesters provide the opportunity to experience the internship and global field training supported by our program without extra tuitions.

- **Global Education**

— The Division of Mechanical Biomedical Engineering aims to produce competent specialists who have a global sense in their field. Our intense global training program is based on 'Ewha Global Innovation Centers.'. The centers will be the basecamps for student to exert their abilities competing with the global companies and research institutes.

Computer Science and Engineering

The Department of Computer Science & Engineering was established in 1981 and has since produced 2400 graduates. Our program includes theoretical education on computer science and engineering, practical training and internships in order to nurture female leaders in engineering equipped with expertise in the field. We also have a network of experts who can be utilized to develop new technologies. Based on the network we have, we train our students to become female professionals who can lead collaborative research.

Main Courses

Digital Logic Design, System Software, Python Programming & Lab, C Programming & Lab, Digital Logic Design Laboratory, Computer Architecture, Data Structures, Automata and Formal Languages, Theory of Programming Languages, Information Communications, Compiler Construction, Human-Computer Interaction, Computer Graphics, Java Programming, Database, Computer Network, Software Engineering, Operating Systems, Computer Algorithms, Artificial Intelligence, Information Communication Systems Experiments, Virtual Reality, Database Application, SW Basic Project, CSE Internship, Capstone Design Project

Career Paths

Many graduates start their careers at major corporations, government agencies, venture companies, financial institutions, legal offices, media outlets, or other entities. Some enter graduate schools in Korea and abroad. Students also apply for the Engineer Examination organized by the government. Our graduates become teachers or public officials.

Special Features

- **Affiliated Organizations**

— Center for Computer Graphics and Virtual Reality: The Center was designated as the Information Technology Research Center under the Ministry of Information and Communications' project for university information and communications research center support. The center was also designated as the National Research Laboratory, IT Core Technology Development Project, and Research Advancement Project, and performed many tasks related to national policy. Virtual and mixed reality technology was developed and commercialized by this center. The center is currently conducting creative research on such technologies

as visualization computing technology for medical videos that can be used in medical practices and real-time physics simulation engine that will deliver vivid images of collision and other physical activities in virtual reality.

- Embedded Software Research Center: The center was chosen as a World Class University project by the Ministry of Education. From 2008, the center has been conducting collaborative research with experts from abroad on embedded software core technology, and vehicle, medicine, and IT convergences with the financial support worth a total of 1 billion won from the ministry. Such efforts led to produce research papers which are presented at world-renowned conferences and are winning numerous best presentation awards, letting the world know of Ewha's research abilities.

- **Outstanding Employment Rate**

— Many of undergraduates get hired before graduation. The employment rate of graduates in 2015 reached 80%. Many of our graduates get hired by major corporations in the field of computer science such as Hyundai Motors, Samsung Electronics, and LG Electronics.

- **Exclusive Scholarship Opportunities for Computer Science and Engineering Students**

— Samsung Electronics Software Experts Training Scholarship, KT Scholarship, Lee Ki-ho Scholarship, Computer Science and Engineering Alumnae Scholarship, Dong-hwa Jayeon Maroo Scholarship, Seoul Accord Tutor Assistance, among many others

- **Latest Technology and Facilities**

— Smart software development training room, lecture recording system, robotics, smart devices and other software development tools are available for the students.

Cyber Security

As ICT is increasingly becoming an essential part across various sectors of society, cyber security is also emerging as an essential element in all tasks performed by computers. Amid a rapid growth of diverse ICT convergence industries, existing risks in cyberspace are penetrating the real world, as physical threats that may cause economic damage and social turmoil. However, there is a shortage of systematically trained security professionals. The Department of Cyber Security was newly established in response to such social demands and expectations. With the aim of nurturing security experts required in the field and lead the development of cyber security technologies both at home and abroad, the Department provides systematic education with particular focus on the theory and practice of cyber security technologies in ICT and other convergence industries on the basis of fundamental knowledge and skills in computer engineering.

Main Courses

In order to produce security specialists for each field in computer-related industries with the capacity to combine problem-solving ability with an understanding of practical skills and knowledge, the department employs a faculty consisting of highly qualified security professionals and provides an outstanding curriculum for security-centered training courses built on basic knowledge of computer engineering.

Information Communications, Python Programming & Lab, C Programming & Lab, Introduction to Information Security, Modern Cryptography, Theory of Integers, Open Software Project, Computer System Security, Cloud Computing, Mobile System Security, Biometric Certification Systems, Computer Network, Copyright Protection & Management, Digital Forensics, Medical CPS Security, SW Basic Project, Cyber Security Internship, Cyber Security Capstone Design.

Career Paths

We expect graduates to start their careers at major corporations, government agencies, venture companies, financial institutions, legal offices, media outlets, or other

entities in security departments. Some enter graduate schools in Korea and abroad. Students also apply for the Engineer Examination organized by the government. Many of our graduates become teachers or public officials.

Field of Study

The Department of Cyber Security is committed to cyber security research and education, not only in the conventional field of ICT but also in currently emerging technologies and diverse convergence sectors such as the Internet of Things (IoT), Cyber Physical System (CPS), big data, cloud computing, and biometrics systems. In particular, the Department carries out high-quality research and education with proactive support from the government, while cultivating well-rounded talent with theoretical knowledge and practical skills.

Special Features

- **Latest Technology and Facilities**
— Smart software development training room, lecture recording system, robotics, smart devices and other software development tools are available for the students.

Electronic and Electrical Engineering

Electronic and electrical engineering focuses on the development of key hardware and software technologies for the information society in the 21st century. This area of study also focuses on the technologies related to generation, processing, exchange, transmission and execution of various information and data in the form of audio and video signals, multimedia, biomedical, and other form of signals. Hardware and software required for such activities are studied. The Department of Electronic and Electrical Engineering provides intensive education in the fields of network and communication systems, image and signal processing, semiconductor devices and circuit design, bioelectronics, and smart grid to foster key female engineering professionals in the future information society.

Main Courses

Digital Engineering, Circuit Theory, Signals & Systems, Random Process, Semiconductor Engineering, Basic Circuit Laboratory, Electromagnetics, Communication Theory, Electronic Circuit, Digital Communications, Data Communication Networks, Digital Signal Processing and Laboratory, Communications Laboratory, Introduction to Computer Structure, Bioelectronics Engineering, Integrated Circuit Design, Embedded System Design and Lab, Digital Image Processing, Digital System Design and Laboratory, Mobile Telecommunications.

Career Paths

Electronics and automobile companies (Samsung Electronics, LG Electronics, SDI, LG Display, SK Hynix, Hyundai Motors), information and communication service providers (SKT, KT, LG U+, NHN), government-funded research institutes (Electronics and Telecommunications Research Institute, Korea Electronics Technology Institute, Agency for Defense Development), research centers operated by foreign corporations, and multimedia and ICT start-up companies, graduate schools (both in Korea and abroad), public officers, patent attorneys, or journalists.

Special Features

- **Affiliated Organizations**
— Center for Convergence in Emerging Electronic Technology, Wireless Multimedia Communication Laboratory, Image Processing Laboratory, Digital Signal Processing Laboratory, Semiconductor Device Laboratory, SoC Design Laboratory, Analog Circuits & Systems Laboratory, Bioelectronic Systems Laboratory, Neuroelectronics Engineering Laboratory, Micro and Nano Systems Laboratory, Information Coding and Processing Laboratory.

- **Department Ranking and Employment Rate**

- Awarded 'High' grade in JoongAng Daily's 2014 University Assessment (electronic engineering department in the science and engineering sector) along with seven other universities including Seoul National University.
- Ranked third place in the employment rate category among 38 universities (department of electronic engineering sector).

- **Mentoring Opportunities**

- Opportunity to join mentoring programs organized and managed by the Department. Guidance and consultations related to study, career paths, and college life will be provided by seniors and graduate students.

- **Research Opportunities for Undergraduates**

- Opportunity to join research laboratories during summer and winter break as undergraduate intern and enjoy the real-world research experience.

- **LGenius R&D Scholarship Program**

- Selected students for the LGenius R&D Scholarship will be hired at LG Display R&D. Scholarship of KRW10 million is also awarded to those students as an opportunity to start a Master's degree program.

Chemical Engineering and Materials Science

Chemical Engineering & Materials Science uses basic studies such as chemistry, physics, and mathematics to understand matter and energy. It also seeks for ways to increase the value of matter and energy and add new functions to them. In fact, this field of study is as old as human history. Breakthroughs in human history including ammonia synthesis, plastic, OLED display, and solar cell were all made possible with chemical engineering and materials science. The field could reach such achievements because it not only focuses on materials but also includes both basic and applied sciences. Now that academic findings and technology are more advanced than ever before, chemical engineering and materials science has become an even more important area of study. In particular, since the field focuses on sustainable development and green technology, which are the most significant challenges ahead of us, it is expected to enhance the quality of life. Ewha's Chemical Engineering & Materials Science was established with this awareness to train outstanding female leaders in chemistry and materials science.

Main Courses

Engineering Mathematics, Physical Chemistry, Organic Chemistry, Chemical Engineering Calculations, Chemical Engineering Thermodynamics, Reaction Engineering, Heat and Mass Transfer, Process Control Systems, Inorganic Chemistry, Materials Processing Laboratory, Chemical Process Design, Engineering Polymer Chemistry, Electrochemical Engineering.

Career Paths

Our graduates work at major corporations in Korea and abroad. such as LG Chem, Samsung Electronics, SK, SK Hynix, Hanwha, Samsung SDI, Samsung Display, S-OIL, SK Innovation, Amore Pacific, SK Energy, Dupont Korea, Basf Korea, Pfizer Korea, and Dow Corning Korea. Many also work at government agencies including the Ministry of Trade, Industry and Energy, Ministry of Science, ICT and Future Planning, Small & Medium Business Administration, and Korea Intellectual Property Office. In addition, some work at government funded research institutes such as Korea Institute of Science and Technology, Korea Research Institute of Chemical Technology, Electronics and Telecommunications Research Institute, Korea Research Institute of Standards and Science, and Korea Basic Science Institute.

Special Features

The Department operates a National Research Laboratory and a climate change specialized graduate school to conduct research on air quality and the environment. It also develops collaborative projects with the industry such as Samsung Advanced Institute of Technology. Freshmen can apply for a special scholarship for natural sciences and engineering students, and all students in the department may apply for a "Female Engineer Scholarship" About 27% of enrolled students receive merit-based financial assistance. In addition, Chemical Engineering & Materials Science students show higher employment rates compared to students in other majors. According to university data published in 2010, the employment rate for our students stood at 69~82%, which is 3~7% higher than the average rate for the College of Engineering. In the United States, numerous jobs demand chemical engineering majors and about 80% graduates get employed.

Food Science & Engineering

Food Science & Engineering focuses on the entire processes from ingredients to the production, distribution, and consumption of food products. Our program offers courses not only on basic studies such as food chemistry, food technology, food storage, food engineering, and food biotechnology, but also on food toxicology, food hygienics, sensory evaluation, consumer testing, consumer preference testing, developing new products, and food marketing. The goal of the department is to train responsible and ethical professionals with expertise in food science and engineering who can identify and solve issues in the field.

Main Courses

Food Chemistry, Food Microbiology, Food Engineering, Biochemistry, Food processing, Food Biotechnology, Food Process Operation, Food Analysis Lab, HACCP Analysis, Food Sensory Science, Fermentation Technology, Functional Foods, Food Marketing, Food Industry Management.

Career Paths

Most of our graduates work for food related government agencies such as the Ministry of Agriculture, Food and Rural Affairs, Ministry of Health and Welfare, Korea Food Research Institute, and Korea Food Industry Association. Our graduates are also with food corporations, universities, patent attorney's offices, and international organizations.

Special Features

- **Departmental Achievements**

— The department has conducted many joint research projects with the Ministry of Science, ICT, and Future Planning; Ministry of Education; Ministry of Agriculture, Food and Rural Affairs; Ministry of Food and Drug Safety; Ministry of Health and Welfare; Ministry of Trade, Industry and Energy; Ministry of Oceans and Fisheries; major food corporations; and other related entities.

— The department was selected to participate in the BK21 Plus project (Converging Technology for the Development of High Value Food Products) and awards scholarships to participating graduate students.

- **Foreign Exchanges**

— The department conducts training programs and joint research with many different entities globally, such as the German Federal Institute for Risk Assessment (BfR), Unilever, Kimberly-Clark, and UC Davis. We support undergraduate and graduate students to research abroad and present their findings at international academic conferences. Our students have participated in IFT, ACS, Europe's EFoST, and Pangborn Sensory Science Symposium.

- **Affiliated Organizations**

— Center for Eco-friendly Food Processing Technology, Research Center for Biomaterials, Food Risk Assessment Center, Food Metabolome and Instrumental Analysis Center, Sensory and Consumer Testing Center, Research Center for Human Sensibility Ergonomics and Difference Analyzing Modeling, Sensory Science Research Office, Food Safety Research Office, Flavor Chemistry Research Office, Food Processing Research Office, Food Biotechnology Research Office, Product Design and Human Sensibility Ergonomics Research Office, Food Functionality Research Office, Food Nanotechnology Research Office.

Climate and Energy Systems Engineering

Climate and Energy Systems Engineering is a discipline addressing science and technology aimed at monitoring and predicting climate change and variability that occur around the world, as well as energy systems technology required for climate change mitigation, including energy utilization and renewable energy. The department covers fundamental disciplines such as mathematics, physics, chemistry, and earth science as well as various applied areas including remote sensing/satellite observation, numerical modeling/numerical prediction, climate physics/climate dynamics, and renewable energy/energy policies. The department aims to nurture global professionals with practical skills in the fields of climate change monitoring and response by offering education programs on relevant basic and applied technologies.

Main Courses

Introduction to Climate Systems, Atmospheric Dynamics/Thermodynamics, Atmospheric Physics, Introduction to Observation Satellite, Hydrometeorology, Cloud Physics, Introduction to Energy Systems Engineering, Renewable Energy Technology, Numerical Weather Forecasting, Earth Observation Satellite, Synoptic Meteorology, Climate Dynamics, Energy Systems Dynamics, Atmosphere-Land Interactions, Polar Climate, Tropical Climate, Introduction to Smart Grid, Remote Sensing and Lab, Radar Meteorology, Climate and Ecosystems, Climate Modeling and Lab, Energy Market Analysis

Career Paths

- **Government funded research institutes and public organizations**

Korea Institute of Science and Technology, Korea Institute of Energy Research, Korea Energy Economics Institute, Korea Institute of Ocean Science & Technology, Korea Polar Research Institute, Korea Aerospace Research Institute, Electronics and Telecommunications Research Institute, Korea Astronomy and Space Science Institute, Korea Institute of Geoscience and Mineral Resources, Korea Meteorological Industry Promotion Agency, Korea Energy Agency, etc.

- **Government ministries and affiliated organizations**

Ministry of Environment, National Institute of Environmental Research, Korea Meteorological Administration, National Institute of Meteorological Sciences, National Meteorological Satellite Center, National Center for Meteorological Supercomputer, National Typhoon Center, Ministry of Oceans and Fisheries, etc.

- **International organizations and overseas research institutes**

GCF, WMO, APCC, UNCEP, UNDP, UN-Habitat, UNESCO, UNSDR, NASA, NCEP, NCAR, NOAA, etc.

- **Companies**

Energy-related enterprises such as Korea East-West Power and K-water, supercomputer-related enterprises such as Samsung Institute of Safety & Environment, IBM, CRAY, LG CNS, Samsung SDS, SK C&C

Special Features

- **Research Centers and Laboratories at Ewha**

We have Disastrous Climate Research Center which operates under Ewha Womans University. Research professors and scientists, as well as professors and graduate students, investigate scientific and operational issues in extreme weather and disasters. In the Department of Climate and Energy Systems Engineering, four research labs of hydrometeorology, climate systems, observational satellite research, and atmospheric dynamics provide various research opportunities to undergraduate and graduate students on climate and energy systems.

- **Research Opportunity**

To understand climate and weather, the laboratories in the department utilizes various observational systems, including observation satellites and retrieve information about atmosphere, ocean, and land. High-performance computing system is a ubiquitous tool in climate and energy systems for numerical model simulations, data analysis, etc. We also develop theories to understand global climate systems. Various opportunities for assistantships and fellowships are available.

Environmental Science and Engineering

The discipline of environmental science and engineering was created relatively recently in order to protect human lives from significant environmental problems of today. The study strives to allow polluted rivers and lakes to breathe again, to remove smog covering the sky, and to make a pleasant and healthy living environment. Ewha's Environmental Science and Engineering is a leader in academic research on climate change, energy, national policies on the environment, and international agreements, which are all essential for a clean future.

Main Courses

Introduction to Environmental Science and Engineering, Introduction to Energy Engineering, Environmental Ecology, Environmental Chemistry, Environmental Microbiology, Basic Engineering Design, Fluid Mechanics, Water Pollution, Air Pollution, Soil Pollution, Environmental Analytical Chemistry, Water Treatment and Supply Engineering, Hydrometeorology, Environmental Toxicology, Marine Pollution, Water Quality Management, Wastewater Treatment Engineering, Environmental Informatics, Environmental Health Science, Solid Waste Management and Treatment, Low Carbon Energy Systems, Climate Change and Environmental Management, Air Quality Management, Air Quality Control Engineering, Environmental Journalism, Environmental Policy & Law, Ecological Restoration Engineering, The Global Environment, Environmental Impact Assessment, Capstone Design, Internship for Environmental Science & Engineering.

Career Paths

Graduates work in government agencies such as the Ministry of Environment, Ministry of Land, Infrastructure, and Transport, Ministry of Oceans and Fisheries, Korea Meteorological Administration, and local governments. Many of our graduates also work in environment related sections of major corporations, public enterprises, international organizations (GCF, GGGI, etc.), policy research institutes, or national environmental research centers such as National Institute of Environmental Research, Korea Environment Institute, Korea Environmental Industry & Technology Institute, National Institute of Meteorological Sciences, National Institute of Biological Resources, National Institute of Ecology, and National Institute of Forest Science.

Special Features

- **Department's Achievement**

— The department was selected as a top-class department in Joong Ang Daily University Ranking for three consecutive years (2011-2013)

- **Research and Scholarship Opportunities**

— The research on computational model for stream and lake water quality control, weather and climate forecasting using supercomputers and numerical models, global environmental monitoring using remote sensing data, removing contaminants using microbes, soil remediation technology, air pollution analysis and management, water treatment technology, ocean water quality management, development of environmental information system, and environmental effects assessment are very much respected in academia. Such research efforts have resulted in much support from the government and corporations.

- **Affiliated Organizations**

— Environmental Research Institute, Air Quality Research Office, Environmental Model and Policy Research Office, Hydrometeorology Laboratory, Ecological Restoration Engineering Research Office, Environmental Biotechnology Research Office, Environmental Chemistry Research Office, Surface Water Management Research Office, Low Carbon Energy Environmental Technology Research Office, Climate System Research Office, Ecologic System Research Office, Nano-environmental Engineering Research Office.

Architectural and Urban Systems Engineering

The Department of Architectural and Urban Systems Engineering dedicates itself to fostering creative female engineering professionals with the potential for future leadership. The department offers a comprehensive curriculum including theoretical courses, industry-university linked practical experience, and internship opportunities. The courses offered cover interdisciplinary engineering technologies that are essential to make our society more sustainable and resilient, such as building structures, architectural environment, construction, construction engineering and management, planning and design of urban systems, operation and maintenance, property management, and remodeling. The department's curriculum is specialized along various fields including smart cities, environment-friendly architecture and green cities, renewable energy, urban safety and disaster management, and urban performance improvement. Its aim is to enhance the capacity to properly respond to social and industrial changes, including urbanization, aging society, climate change, rising energy demand, higher value-added industries, expansion of social security and welfare.

Main Courses

Introduction to Architectural and Urban Systems Engineering, Basic Engineering Design, Capstone Design, Internship, Structural Mechanics, Reinforced Concrete Structures, Steel Structures, Thermal and Indoor Air Environment Planning in Buildings, Mechanical Systems in Buildings, Environment-friendly Architecture Planning and Case Study, Construction Project Management, Building Construction Technology, Construction Project Development and Financing, Urban Planning and Management, Urban Informatics

Career Paths

Construction companies, Structure engineering companies, Construction management companies, Public enterprises, Government officials, Financial institutions, Real estate development and asset management companies, Environment friendly construction consulting companies, Utilities design companies, Research institutes, Graduate schools, Overseas study and professorship, Patent attorneys

Special Features

- **Affiliated Organizations**

— Architectural Structures Engineering Lab, Environment Friendly Architecture Lab, Construction Business Strategies Lab, Architectural Environmental & Building Energy Systems Lab, Interdisciplinary Structural Engineering Lab, Intelligent Integrated Construction Project Management Lab

- **Practice Training**

— The department provides students with opportunities to learn the skills required in the field

- **School-Industry Cooperative Education Program**

— A team from the Hyundai Engineering & Construction is invited to give training seminars on estimation.

- **Field Training**

— Students can apply for a field internship program that is 4 weeks or longer at a site of their choice (major construction sites, engineering companies, etc.).

- **Practical Training**

— Our program has the latest equipment and software to help the students develop creative problem-solving capacities.

- **Site Visit**

— The department or each class organizes student visits to sites regularly.

- **Mentorship Opportunities**

— Female professionals who are currently in the field are invited to teach courses or seminars.

- **Regular Consultations**

— Students have 1~2 consultation sessions in each semester with their adviser to discuss school life, career path, jobs, talents, and any topics that calls for advice.

- **Career Building Adviser System**

— The department and the faculty conduct consultation sessions and survey to help senior students who are preparing for jobs after graduation.

Architecture

Ewha's Architecture program covers history of architecture, theory, housing, city planning, and digital architecture with architectural design at the core. Our courses focus on various types of environments: including residences, commercial facilities, cultural facilities, extended or altered buildings, and city public spaces. Our goal is to produce architectural experts who are not only curious and creative but also strict on standards.

Main Courses

Introduction to Architecture, Space, Form and Structure, Elementary Design, Architectural Design, History of Western Architecture, History of Korean Architecture, Housing, Interior Design, Architecture and City, Seminar in Urban Design, Geometric Modeling, Digital Design, Structural System in Architecture, Environmental System in Architecture, Construction System in Architecture, Building Construction system in architecture, Architectural Regulations and Policy, Architectural Practice, Pre-Design Process

Career Paths

Our graduates work at architectural firms, interior design studios, construction companies, furniture companies, media outlets, architectural journals, CM and FM companies, corporations, financial institutions, cultural property offices, research institutes, and many others. Students enter careers in architecture, housing, city planning, or landscaping. Many of our students also become public officers or enter graduate schools.

Special Features

- **International Exchanges**

— The Division of Architecture signed an MOU with the Master of Urban Design program at Hong Kong University and has conducted workshops since then.

— The Division of Architecture signed an MOU with the National University of Singapore and has conducted workshops since then.

- **Affiliated Organizations**

— Research Office for Architecture History, Architecture Design Theory and Methodology Research Office, Design Strategy Management Research Office, ADSlab, Digital Architecture Research Office, Sustainable Urban Architecture Design Research Office, Tectonics Lab, Live Components

- **International Accreditation**

— Ewha Womans University Division of Architecture's 5-year architectural education program has been accredited (2011,2016) by the Korea Architectural Accrediting Board (KAAB). The accreditation helps students qualify for architect qualification certificates in Korea and abroad.



COLLEGE OF MUSIC

UNDERGRADUATE & GRADUATE PROGRAMS



Keyboard Instruments

The Keyboard Instruments major includes specialization in both the piano and the organ. The goal of the piano major is to cultivate the students' artistic capacity through high-level performance training, built on theoretical and academic foundation. The goal of the organ major is to cultivate professional organists through a practical curriculum, covering both theory and practice. Church music theory and literature are also taught to develop the students' potential as church musicians. By participating in a variety of recitals such as solo recitals, regularly scheduled recitals, and ensemble recitals, students can maximize the development of their abilities.

Main Courses

Applied Music, History of Western Music, Keyboard Harmony, Counterpoint, Piano Accompaniment, Keyboard Literature, Group Piano, Piano Chamber Music, The Physics of Keyboard Instruments, Organ music for Liturgy, Organ Improvisation

Career Paths

Ewha Music students have various career options after graduation. Many continue their music training in graduate school or study abroad programs. Our graduates also go on to become secondary school music teachers, private teachers, professional performers, journalists specializing in music, managers of music related organizations, choir performers, church choir directors, professional organists, or producers in the media.

Special Features

The Keyboard Instruments division provides many performance opportunities to the students such as weekly performances, school recitals, and B.A., M.A., and Ph.D. graduation performances every semester. We also present a variety of visions to the students by inviting world-class performers for special lectures and performances.

- **Affiliated Organization**

— Ewha Music Institute: The ultimate purpose of the institute is to make human life more plentiful. We are committed to academic research of music, adapting to the rapidly changing world using music, and improving the music environment in Korea. The institute is comprised of Academic Research Team, Performance Research Team, Educational Research Team and others.



Orchestral Instruments

The Orchestral Instruments division includes 15 majors. The division researches and develops performance skills of all instruments included, and provide training to nurture students as future leaders in music who will in turn foster the next generation. Every year, more than six performances, including orchestral performances, concert band performances, chamber orchestra performances, and solo recitals, are held. We also invite respected noted performers from abroad for special lectures.

Main Courses

Applied Music, Orchestra, String Ensemble, String Ensemble, Chamber Music, Orchestra Literature

Career Paths

Our graduates work as performers in orchestras, music teachers at middle or high schools, music teachers at elementary schools, private lesson teachers, journalists for music related organizations or journals, and coordinators of music performances, among others. Some also further their music training in graduate school or in study abroad programs.

Special Features

The Orchestral Instruments division includes wind instruments, strings, and percussion. The division continues to hold many types of performances from solo recitals, to chamber music, string ensemble, wind ensemble, and orchestra concerts. The Ewha Orchestra not only performs regular school recitals, but also performs at the Seoul Arts Center, in many parts of the country, and in Europe. The Orchestra continues to perform in many different arenas, building its reputation.

- **University Orchestras**

— Ewha Chamber Orchestra: The Ewha Chamber Orchestra is composed of Ewha alumnae. Outstanding performers who graduated the Ewha College of Music or Graduate School of Music and studied at prestigious music schools abroad and educators who teach music at universities and colleges are members to the Ewha Chamber Orchestra.

— Ewha Philharmonic Orchestra: This large-scale orchestra was organized to provide ample performance opportunities for Ewha graduates. Ever since its creation, the Ewha Philharmonic Orchestra has held many wonderful performances.

Voice

To prepare our students to become prominent singers and great educators who will nurture the next generation of singers, Ewha's program provides numerous theory and performance courses to cover various topics of vocal arts in depth. Students develop their vocal skills and build their knowledge in the arts by studying techniques and analyzing skills of various types of music.

Main Courses

Applied Music, Vocal Technique, Diction (Italian, German, French, English, Russian, Spanish), Chorus, Articulatory Phonetics, Song Literature, History of Opera, Opera Workshop, Dramatic Action

Career Paths

Many of our students continue their studies in graduate school in Korea or abroad. Others work as performers in the National Chorus, city chorus, or other renowned musical groups; music teachers at elementary and secondary schools; coordinators in the performing arts; or professional singers.

Special Features

- Students have opportunities to participate in solo

performances, the Voice division recitals, College of Music's spring and autumn recitals, regular recitals held by the College of Music, operas, and other performances. By performing in the Recital Thursday every week, students can gain ample experiences on the stage. We also invite illustrious performers from abroad for special lectures and classes in the Kim Young-Yi Hall, and the recital hall (traditional music performance hall).

- From its creation in March of 2001, the Ewha Chamber Choir has held memorable performances in Korea and abroad with some 30 members. The Choir also released 14 music albums from 2002 to 2014. As one of the most talented female choirs in Korea, the Ewha Chamber Choir performed at the Korea Choral Festival, at Harbin to mark the 100th anniversary of patriot Ahn Jung-geun's assassination of Hirobumi, the American International Choral Festival, and many others.



Composition

The Composition division provides a well-structured curriculum and an ideal environment for students to experience a variety of creative endeavors, performances, and academic studies in order to become forward-looking composers. By attending our 1:1 coaching session once a week and analyzing music, students can acquire various composition techniques. Students can also learn about composition and composition studies by communicating with renowned composers, performers, and musicians from Korea and abroad at regularly held music forums. Ewha's program is mostly conducted in English in order to prepare students for the global stage. The division aims to train "multi-musicians" who can create, perform, criticize, and conduct research by offering courses on musical theory and history.

Main Courses

Applied Major Music, Harmony, Counterpoint, Form in Tonal Music, History of Western Music, Special Topics in Musicology, Proseminar on Music Theory, Orchestration, Contemporary Music, Computer Music

Career Paths

Our graduates become college professors, middle or high school teachers, private music academy instructors, composers, theorists, researchers, critics, sound directors, journalists, accompanists, or conductors.

Special Features

• Affiliated Organization

— Ewha Music Institute: The institute is composed of education, performance, and research divisions to support musical activities of students. It not only provides students with the opportunity to create music, but also have multi-cultural experiences with various academic activities. It also enables students to participate in projects and supports the students in becoming music scholars.

- The Ewha Music Institute recently started a one-year music curator program. The program provides lessons on coordinating and explaining music so that students who complete the program can pursue careers in music after graduation.

• Activities

- Enrolled students present their work every Thursday during the semester.
- Enrolled students also present their music at the Spring and Autumn Concert of Composition Majors and Ewha-Sunggok Concert.
- Other musical performances including the Ewha Music Composition Choir are organized by students.

Korean Music

The Korean Music division prepares students with both academic knowledge and performing skills. By doing so, the division aims to contribute to the academic advancement of Korean music and to the diversity of global culture by taking creative approaches to develop Korean traditional art. We are the only Korean Music program in the country to have professors in all areas including instruments and theory to nurture professional Korean female musicians of tomorrow.

Main Courses

Korean Applied Music, Korean Music Accompanying Technique, Korean Chamber Music, Korean Music Orchestra, Korean Music Ensemble, Introduction to Korean Traditional Music, Korean Music History, Korean Music Analysis, Topics in Korean Traditional Music Critique, Korean Musical Literature, Korean Music Composition, Pansori, Folk Music of Kyong-so Provinces, Korean Art Songs, Applied Danso, Computer Music in Korean Traditional Music, Sight-singing & Ear Training, Korean Traditional Music Conduction Technique, Korean Music Education Theory, Korean Music Theory

Career Paths

Korean Music graduates find work as performers in professional performance organizations or small-scale chamber groups; or teachers or instructors in pre-schools, elementary, middle, or high schools. Many work for arts organizations, music magazines or broadcasting companies.

Some continue their training in graduate school or study abroad programs.

Special Features

Korean Music majors participate in a mentoring workshop with professors every spring. The Summer Music Camp (4 nights and 5 days) is another opportunity for the students to polish their skills, become closer to fellow students, and spend meaningful time with the instructors.

- **Activities**

— Regularly held Korean music concerts which is the biggest event for the division, freshmen performances, creative music concerts where composers' passion meets the talents of instrument performers, the Night of Vocalists for Voice majors, accompanied performances and chamber music for instrumental music, graduate students' concerts, and other performances held throughout the year are all opportunities for the students to experience and learn.



Dance

The Department of Dance, the first of its kind in Korea founded in 1963, has played a central role in the field of dance, producing numerous scholars and artists in the field. We provide students with a balanced curriculum which includes thorough theoretical education, high-quality technique training, and advanced lessons on each technique. We also invite world-class performers, artists, theorists, and academics through our exchange programs in order to develop a truly global and creative vision, creativity, and dance skills in our students. Our program also offers a guideline to the future of the art of dance that is largely determined by the cultural trend of our society.

Main Courses

Ballet Practice, Korean Dance Practice, Modern Dance Practice, History of Korean Dance, History of Western Dance, Dance Notation and Composition, Dance Aesthetics, Reading Body and Dance Movement: Laban Movement Analysis, Dance Teaching, Contemporary Dance Criticism, Researching Dance and Field Trip

Career Paths

Our graduates become elementary, middle, or high school teachers; college professors; private instructor; professional researchers; public service personnel related to sports; sports therapists; sports facility designers; theorists; or critics, among others.

Special Features

The Ewha Department of Dance was first of its kind when it was established in 1963. During its half-a-century long history, the department has awarded some 2,300 undergraduate degrees and some 520 graduate degrees. Our alumnae are leaders in the field of arts, as professors, directors of national organizations, instructors, choreographers, scholars, and critics.

- **Affiliated Organization**

— Dance Research Institute: Established as the first of its kind in 2012, the Dance Research Institute aims to uphold our reputation as the first dance department in the country by assuming a leading role in dance theory, choreography, and dance education. We are expanding the scope of research in the field of dance by conducting interdisciplinary studies. We will also continue to lead the art of dance in Korea, and commit to the spread of the art of dance and dance education that will improve the quality of life for everyone.

- **Activities**

— The Department of Dance provides ample opportunities for students to perform such as Monthly Performances, Undergraduates' Graduation Concerts, and Master's and Doctor's Degree Concerts. We also invite celebrated figures in the field of dance to give lectures to our students.





COLLEGE OF ART & DESIGN

UNDERGRADUATE & GRADUATE PROGRAMS



Korean Painting

The Korean Painting Department aims to produce artists who demonstrate a strong willingness to promote Korean culture and art throughout the world, a clear perspective of Korean painting, and creative abilities and theoretical knowledge to become pioneers in the field.

Main Courses

Basic Korean Painting, Drawing, 2-D, 3-D, Understanding Korean Aesthetics, Basic Color Technique, Copying Masterpieces, Sprints of Strokes and Spaces, Research on Korean Beauty, Research on Korean Colors, Modern Landscape Painting, Presence of Strokes and Spaces, Figure Painting Study, Korean Painting Studio, Color Modeling, Discovery of View, Calligraphy and Engraving, Hanji (Korean paper) Modeling, History of Oriental Painting, Modern Ink Painting, Modern Painting, Art in China, Oriental Painting Theory, Vision and Spirit of Korean Beauty

Careers Paths

Our graduates work as artists, curators at galleries or museums, directors, program managers, art teachers, art professors, researchers, illustrators, fashion designers, industrial designers, or environmental designers.



Painting

The Painting Department aims to nurture professionals equipped with independence and creativity as well as the ability to conduct comprehensive research on modern art by providing an all-round art education. The curriculum includes comprehensive perspectives on fine art and professional creativity, criticisms of modern art, and wide access to international art.

Main Courses

Basic Painting, Drawing, 2-D, 3-D, Understanding Korean Aesthetics, Painting, Drawing Workshop, Photography and Media, Painterly Print, Image and Writing, Image from Culture, Painting & Material, Print media & Photography, History, Art, and Critical Discourse, Painting & Visual Culture, Contemporary Painting & New Technology, Theory of Contemporary Art, Electronic Media and Culture, Art in Context, Art and Environment, Painting Workshop, Contemporary Painting Seminar, Contemporary Painting & Methods I - Art and it`s Field, Arts and Humanities, Painting Degree Project, Painting Degree Workshop, Issues in Contemporary Art, Contemporary Concepts Painting, Korean Aesthetics, Art & Culture in Seoul, Art in London, Art in New York, Criticism of Contemporary Art, Philosophy of Art, Cultural Theories

Careers Paths

Painting graduates work as artists in Western painting, teachers, instructors, professional designers, art journalists, or curators.



Sculpture

The Sculpture Department aims to foster sculptors and professionals who demonstrate intellectual knowledge and creative imagination that engage with the 21st century culture and fine art by providing all-around arts education. It strives to cultivate creative and dynamic art through traditional sculpture techniques; experiments with materials, techniques and forms; art theory; and art impressions and critique.

Main Courses

Basic Sculpture, Drawing, 2-D, 3-D, Understanding Korean Aesthetics, Basic Modeling, Stone Carving, Molding, Casting, Media and Photography, Wood Carving, Welding, History of Sculpture, site-project, Modeling, Soft sculpture, Metal and Expression, Theory of Contemporary Sculpture, Clay Work, Carving, Mixed Media, Environment and Sculpture,

Installation, Modern Art, Project, Theory of Contemporary Sculpture, Studio

Careers Paths

Our graduates work as sculptors, stage artists, exhibitionists, special make-up artists, monument sculptors, curators, art theorists, or other professionals in the field of sculpture.



Ceramic Arts

The Ceramic Arts major is multidimensional in that it combines old traditions with the latest technology. The primary objective of the major is to nurture students in becoming female experts in ceramic arts with both academic knowledge and creative art skills. It covers all aspects of art, design, and crafts, and offers courses on traditional, contemporary, and industrial ceramics, among many others.

Main Courses

Basic Ceramics, Drawing, 2-D, 3-D, Understanding Korean Aesthetics, History of Korean Ceramics, Korean Traditional Ceramics, Discovering Ceramics, Digital Modeling, Clay and Glaze Theory, Environmental Arts, Slip Casting Design, Decorative Ceramics and Wheel-Throwing, Ceramic workshop, Ceramic Sculpture, Environmental Ceramics, Industrial Ceramics, Special Lecture of Ceramic Materials, History of Craft

Careers Paths

Our graduates become professional artists, teachers, product designers, or computer graphic designers.

Special Features

- **Affiliated Organization**
 - The Ceramics Research Institute conducts academic research on traditional wares of Korea, develops new ceramic arts that respond to the changing society, experiments with raw materials and glazes, studies new methods of firing, and provides classes for undergraduate students in ceramics.
- **Activities**
 - We sponsor student activities such as the Ceramic Arts student council and other small group activities during the semester.

Space Design

The Space Design Department is concerned with the design of cultural spaces starting from the residential spaces that respond to changes in the everyday life to the urban environment. The Space Design major aims to provide an understanding of relevant studies on the relationship between people and space, and to provide education on planning and constructing a wide-range of spaces.

Main Courses

Basic Design, Form and Structure, Design Drawing, Expression & Medium, Major Basic Studio, Interior Design Studio, Interior Architectural Drawings, Digital Spatial Design, Furniture Design, Architectural Structure, Spatial Design Presentation Technique, History of Interior Design, Space Design, Spatial Design Methodology, Space Design and Materials Lighting Design, Landscape Architecture, Industrial-Educational Project, Interior Landscape Architecture, Environmental Color Planning, Spatial Design Project, Spatial Design Research, Space Design Management, Exhibition Design, Spatial Design Seminar, Spatial Design Marketing, Spatial Design Project, International Internship, International Spatial Design

Careers Paths

Our graduates work as designers in environmental design, designers in urban design, designers in architectural design, interior designers, lighting designers, furniture designers, designers in broadcasting companies, journalists, or event coordinators.

Special Features

We invite prominent designers from abroad for special lectures. Current students and graduates interact with each other and with other students in the field in many different parts of the world.

Visual Communication Design

Visual Communication Design majors study creative visual communication design methods to effectively express visual arts from a visual communications perspective. Methods commonly applied to different visual media regard visual designs as practical and artistic cultural productions. Ewha's Visual Communication Design thus provides education on the cultural interpretation ability that visual art designers must have as well as practical design.

Main Courses

Basic Design, Form & Structure, Design Drawing, Expression & Medium, Major Basic Studio, Image Design, Typography, Narrative Design, B.I Design, Gestalt Psychology, Graphic Design History, Visual System, Graphic Design, Book Art, Digital Graphics, Advertising Creativity, Contemporary Graphic Design Discourse, Graphic Material Design, Design Trend and Marketing, Creative Presentation, Conceptual Design, Graphic Art, Identity Design, Image Architecture, Reading Visual Text, Communication Design Seminar, Visual Communication Language and Media, Visual Thinking and Reading

Careers Paths

Our graduates work as brand identity designers, design planners, advertisement managers, packaging designers, graphic designers, illustrators, editors, teachers, or design instructors.

Special Features

- **Activities**
 - There are many student-led activities including club activities and group studying in our department. Many typography groups develop their own self-study groups or hold exhibitions. The Han-geul typography group, Flower, also participates in the Han-ul club.



Industrial Design

The Industrial Design Department focuses on products and services that fulfill the psychological and material needs of humankind.

Main Courses

Basic Design, Form & Structure, Design Drawing, Expression & Medium, Major Basic Studio, Design Prototyping, Product Design, Product Aesthetics, Livingware Design, Product & Service System Design, Surface Design, Design Research, Product UX Design, Interface Design, Design Venture Creation, Design Entrepreneurship, Design Issue, Integrated Design Performance, Design Practice, Design Venture, Cultural Experience Design, International Design Exchange, Industrial Design Seminar, Design Semiotics, Product in Culture, Design Marketing Research

Careers Paths

Our graduates become electronic arts designers, furniture designers, cosmetics designers, environmental designers, 2D·3D digital model designers, computer animation designers, online designers, or event coordinators. Some continue their studies in graduate school.

Special Features

Convergence design courses train students to become creative female designers, who create demands, by combining knowledge and technology from other studies.

- **Affiliated Organizations**

— Design Convergence Research Center: The center provides programs to nurture creative planners or designers based on knowledge from many different fields.



Media Interaction Design

The Media Interaction Design Department aims to expand human experiences by integrating design and technology. Students conduct experiments and research on planning and designing interactive contents which are communicated through digital media. All of the courses provide an on-site oriented education. The courses include comprehensive instruction in video and animation, multi-media art, UX design, and many others.

Main Courses

Form & Structure, Design Drawing, Expression & Medium, Major Basic Studio, Information Design, Image & Time, Sound Design, Image and Sound, 3D Computer Graphics, Digital Storytelling, Video Production for Multimedia, Interface Design, Design Presentation, Experimental Video, Interaction Design, Animation, Design Programming, Capstone Design, Promotion Design, Motion Graphics for Television and Video, New Media Seminar, UX Design Studio, Animation Studio, Media Art, New Media & Technology, Design Leadership, Global Design Workshop, Design and Culture of Korea, Computer Graphic Studio, Portfolio Design, Design for Society, Lighting & Rendering, User Interface Design, Media Art & Design, Design of Cultural Contents, Animation Directing

Careers Paths

Our graduates work as UX designers, animation planner/director animators, media artists, notion graphics designers, digital contents designers, art directors, character designers, game designers, interactive artists, performance video designers, edu-tainment planners, advertisement designers, or special video technique directors.

Special Features

Since 2010, the division of Media Interaction Design has held the Ewha UX Forum twice a year and invited noted figures in the field. We also have a special scholarship for Media Interaction Design majors—the Seo Hyun-ja Scholarship. We cooperate with Ewha's Early Childhood Education Department, Computer Science & Engineering Department, and Music Engineering Department to develop and operate educational programs. In addition, we consult with experts and hold special lectures and seminars with them on technology and development of edu-tainment contents.

- **Affiliated Organization**

— Digital Edu-tainment Institute (Grafizix Co., LTD): Grafizix Co. was founded to study and develop contents that combine Media Interaction Design major with entertainment. It is currently developing various contents in collaboration with related industries. (2014 "DESIGN THINKING BOOKS" HCI KIDS AWARD Winner)

- **Activities**

— Students participate in club activities or group studies such as UX SIG (Special Interest Group) and Ewha Seed (students' volunteering activity that involves teaching art at kindergartens, multi-culture centers, and children's hospitals).

Fiber Arts

The Fiber Arts major aims to nurture professional fiber artists with intellect and creativity by providing theoretical and practical education on various areas in fiber arts, fiber craft, and fiber design embracing modern and contemporary fibers.

Main Courses

Drawing and 2D Modeling, Expression and Media, Fashion and Culture, Embroidery Expressing Techniques, Weaving Techniques, Dyeing Expressing Techniques, Digital Textile Design, Traditional Embroidery, Woven Fabric & Technique, Textile Painting, Textile Material and Color, Textile Design Coordination, Contemporary embroidery, Contemporary Tapestry, Natural Dyeing, History of Textile Art, Computer Weaving, Textile Painting, Classification of Contemporary Artist, Fiber Art, Fiber Seminar, Art, Craft, Design in Europe, Research of Korean patterns, History of Contemporary Fiber Arts, Fiber & Culture, Characteristic of Textile

Career Paths

Graduates become artists, textile craftsman, textile designers, instructors, or directors of a gallery or project managers. Some continue their training in graduate school.

Special Features

Students are provided with opportunities to have hands-on experiences in project courses by visiting art institutions in the US, Europe, China, Japan, etc. Moreover, domestic and international artists are invited to hold seminars and workshops, and students are encouraged to take field trips to gain a better understanding of various careers in the field.

- **Affiliated Organization**

— Craft Research Institute: under preparation

- **Activities**

— Student-led Activities: The Fiber Arts student council organizes workshops, field trips, and special lectures of respected figures or alumnae.

— Club activities and Group Studies: Other group activities include summer studies on the development of vegetable paper and organic materials, and winter studies on fiber techniques



Fashion Design

The division of Fashion Design's main objective is to nurture talented individuals to become leaders in education of fashion design, research, and the fashion industry. Our program is the first of its kind in Korea. We help students to acquire various research methodologies by enabling them to explore a variety of designs. Students can not only develop expertise in fashion design and design studies, but also expand their viewpoints on fashion design, planning of fashionable products, art of fashion, the culture and economics of fashion industry, and fashion art directing.

Main Courses

Basic Fashion Design, Drawing and 2D Modeling, Expression and Media, Fashion Graphic, Fashion and Plastic Art, Fashion Design Study, Color Creativity, Fashion Sculpture, Study of Structural Design, Fashion as Visual Language, Interactive Fashion Design, Fashion Design Studio, Fashion Art Workshop, Fashion Art Project, Exploring Fashion Design, Artistic Vision in Fashion, Fashion Communication, Fashion Expanded Art, Body Ornament, Fashion Dialog, Fashion Art Directing, Fashion Studio, Fashion Practice, Experimental Fashion Art, Digital Fashion Graphic, Fashion Multi-Media, Fashion Art Collaboration

Careers Paths

Our graduates work as fashion designers, fashion directors, fashion editors, fashion illustrators, fashion graphic designers, fashion stylists, fashion magazine or publishing stylists, costume designers, fashion show producers, stage directors, fashion color planners, brand PR managers, fashion brand planners, fashion video artists, fashion media planners, fashion VMDs, accessory designers, fashion analysts, or fashion web-site planners.

Special Features

The division has been hosting the Ewha PREMIER Fashion Collection for 20 years and has also published numerous collection of books. It has earned the reputation as one of the finest design education programs in Korea and abroad. The division has won awards at the Korea Fashion Design Contest, Joong-ang Fashion Design Awards and many more.

- **Affiliated Organization**

— Fashion Design Research Institute: The institute conducts collaborative projects with the industry and holds special lectures with domestic and international lecturers. It also offers courses for fashion stylist leadership certification, hosts the Stylist exhibition twice a year, operates Ewha's own fashion brand E-feel, offers a curriculum that connects the school with the field, and helps students get internships.

- **Activities**

— Student-led activities: The Fashion Design student council organizes workshops, field trips, and visits to companies in order to create a network of talented individuals. Students also prepare graduation fashion shows to experience fashion directing first-handed from planning to directing, staging, designing, staging props, styling, and doing make-up.

— Group studies: Students voluntarily form groups to prepare for various contests or job interviews.



COLLEGE OF EDUCATION

UNDERGRADUATE & GRADUATE PROGRAMS

* International students (undergraduate) are not eligible
to apply for College of Education.



Education

The Department of Education was founded in 1945 which became the basis for Ewha College of Education. Since its foundation, the college has led the development of many majors related to education. The Education College delivers both theoretic and practical training to students and plays a central role in nurturing education experts who will lead the field of education in Korea. Our program studies fundamental issues in education, searches for desirable directions in education, conducts research on education in Korea, and aims to improve country's overall education.

Main Courses

Introduction to Education, Educational Administration & Management, Educational Evaluation, Inquiry of Educational Philosophy, School and Society, Theory of Lifelong Education, Moral Education, Theories of Teaching and Learning, Educational Statistics, Curriculum Inquiry, Development of Curriculum Materials & Teaching Methods, Comparative Education, Curriculum Inquiry

Career Paths

Our students work as educational administrators, teachers, or other professionals in education. Many also work at life-long education institutions or continue their academic training at graduate school.

Special Features

- **Affiliated Organization**
— Office for Educational Data Analysis
- Students of the College of Education have a wide-range of career options.



Early Childhood Education

The Department of Early Childhood Education strives to cultivate teachers, managers for various children programs, producers for children TV programs, writers, and creators of multimedia contents through theoretical study and practical training in actual educational and child-care facilities. Our program includes psychological basics to understand child development; philosophical basics to examine the nature of education; social basics to understand the role of education vis-à-vis traditional culture, values, and the demands of modern society, and the basic knowledge and teaching methods of early childhood education and child care.

Main Courses

Introduction to Early Child Education, Infant Development and Education, Theories of Play and Education, Early Childhood Development and Education, Language Arts in Early Childhood Education, Mathematics in Early Childhood Education, Music in Early Childhood Education, Curriculum for Early Childhood Education, Musical Instruments for Early Childhood Education, Study of Material Development & Teaching Methods in Early Childhood Education, Children's Literature, Science in Early Childhood Education, Cognitive Theory and Education, Social Studies in Early Childhood Education, Health Education for Young Children, Observing Children and Researching Child's Behavior, Moral Education for Young Children, Theoretical Foundation of Teaching Early Childhood Education, Physical Movements and Games in Early Childhood Education, Visual Arts in Early Childhood Education, Parent Education, Teaching Practice, Logic and Academic Writing for Early Childhood Education, Administration and Management in Early Childhood Settings, Child Welfare, Family Relationships, Early Childhood Teacher Education, Philosophy in Early Childhood Education, Practicum in Child Care Settings, Multimedia and Early Childhood Education

Careers Paths

- Graduates begin their teaching careers at public/private kindergartens or child care centers. They also work in childhood education/child-care related research institutes or the broadcasting industry. Some graduates also utilize their practical training experience and work as educational administrators.
- **Employment Opportunities**
— Ewha Kindergarten, Ewha Institute of Child Education and Care, Ewha Womans University

Special Features

- We are proud of the fact that Ewha was the first educational institution to train kindergarten teachers in Korea. The department continues to create child education and child-care programs, software programs for children, and teaching aids.
- The department invites well-respected scholars from abroad to learn the global trend in early childhood education research and the theories and realities of educational programs. We also interact with international academic societies on early childhood education such as PECERA and OMAP.
- **Affiliated Organizations**
— Ewha Womans University Kindergarten, Ewha Institute of Childhood Education and Care

Elementary Education

The Department of Elementary Education places emphasis on creative thinking and love for children in order to train elementary school teachers who can exercise educational leadership in the 21st century. Since the department is a part of the university with many other fields of study, students may choose to take courses from a broad range of studies in order to widen their vision. This helps students to understand more about human behavior which is critical in education.

Main Courses

Child Development and Education, Introduction to Elementary Education, Understanding Family Relations, Administration and Supervision in Elementary School, Integrated Curriculum, Design and Development of Elementary School Curriculum, Teaching Methods of Elementary Language Arts, Basic Theories of Elementary Language Arts, Teaching Methods of Elementary Mathematics, Basic Theories of Elementary Mathematics, Instructional Methods of Elementary Social Studies, Basic Theories of Elementary Social Studies, Teaching Methods of Elementary Science Education, Basic Theories of Elementary Science, Basic Theories of English as a Foreign Language(EFL) in Elementary School, Practicum for Teaching English a Foreign Language in Elementary Classroom, Basic Theories of Religious and Moral Education in Elementary School, Teaching Methods of Religious and Moral Education in Elementary Education, Elementary Music Education, Elementary Art Education, Elementary Physical Education, Homemaking Science in Elementary School, Practicum I(Public School), Practicum II(Private School)

Careers Paths

Graduates become teachers at elementary schools or educational institutions abroad, professors, or researchers at educational research institutes.

Special Features

- Ewha Elementary Education was the first and only department in the country to provide elementary teacher training program at the university level. The department also offers Master's and Doctoral degree programs. Ewha Graduate School of Education was founded in 1968.
- **Affiliated Organization**
— Ewha Womans University Elementary School



Educational Technology

The Department of Educational Technology focuses on learning theories, instructional design, and methodology to promote learning and improve performance. This area of study also creates, manages, and operates effective educational programs based on research. As the changing society and technology demand new forms of education, Educational Technology focuses on the scientification and development of education, as well as the integration of education and technology. The goal of the Department of Educational Technology is to produce education experts to teach, design, develop, and create educational programs in schools, businesses, and continuous education.

Main Courses

Educational Technology, Future Society and Education, Learning-Instructional Theory, Instructional Design, Corporate Education and Training, Virtual Communication, Development of Multimedia Image, Educational Video Production, Mobile Learning Design, Design of Educational Environment, Human Resources Development, Survey Research in Educational Technology, Evaluation of Educational Program

Career Paths

Many of our students work at human resources development centers in corporations, university teaching centers, educational broadcasting, cyber-universities, e-learning businesses, research institutes, PR marketing companies, publishing companies, religious groups, or consulting companies. Our students also start their careers as teachers, researchers, business owners, lawyers, accountants, or other professionals. Some students continue their academic training at graduate school.

Special Features

- **Affiliated Organizations**
— Smart Learning Lab, Multimedia Lab, Video Conference Room
- The first undergraduate level educational technology major in the world
- The first educational technology undergraduate program and graduate school in Korea
- The best educational technology program in the country with the greatest number of educational technology experts produced

Special Education

Special Education deals with theory and realities on the education of children with various disabilities. Our program aims to train teachers who concentrate on helping children with disability to reach their full potential and develop their competencies to become active and participating members of society.

Main Courses

Education of Exceptional Children, Field Experiences in Special Education, Education for Students with Intellectual Disabilities, Education for Students with Learning Disabilities, Education for Students with Emotional or Behavioral Disorder, Education for Students with Communication Disorder, Education for Students with Hearing Impairments, Education for Children with Autism Spectrum Disorders, Education for Students with Multiple or Severe Disabilities, Education for the Gifted, Instructional Methods for Students with Mild Disabilities, Curriculum and Instructional Methods of Early Childhood Special Education, Curriculum and Instruction in Special Education, Assessment and Evaluation in Special Education, Family Support for Students with Disabilities, Art Education for Exceptional Children, Music Education, Special Education Technology

Career Paths

Our students become special education teachers at kindergarten, elementary schools, or secondary schools; researchers at special education research institutes or social welfare institutions; or other professionals in education. Many of our students also enter graduate schools at home or abroad.

Special Features

- Ewha was the first 4-year university in Korea to establish a special education department in 1971. The Master's program was established in 1978, the Doctoral program in 1984, and special education courses were first offered in 1993 within the Graduate School of Education.
- Ewha Special Education Conference has been held every year since 1994. The conference has played a leading role in special education by introducing the most advanced form of special education and applying that to reality.
- The department has produced some 30 special education professors who teach at colleges all around the country and some 20 education experts such as school commissioners, researching officers, and principals of special schools.

English Education

The primary goal of the Department of English Education is to train English teachers and English education experts with fluent language skills that our globalized world requires, teaching capabilities, sense of responsibility, and respectful character traits. In order to do so, we have a multimedia language laboratory installed with the latest technology and a curriculum that fully utilizes computers, the internet, and satellite broadcasting; our program focuses on practical skills to enhance all four English language skills, which include listening, speaking, reading and writing. Our program also trains students to be equipped with the capability to respond to future society. We help students improve their English proficiency by providing individual teaching sessions, group activities, English workshops, and English lectures.



Main Courses

English Composition, English Phonetics, Pedagogical English Grammar, Advanced English Conversation, Survey of English and American Literature, Introduction to English Linguistics, Theoretical Foundation of Teaching English as a Foreign Language, Teaching Listening and Speaking in English as a Foreign Language, Teaching Reading and Writing in English as a Foreign Language

Career Paths

English Education graduates utilize their advanced English proficiency and knowledge of English education not only in schools, but also in various organizations that require English capability such as broadcasting, embassies, culture centers, foreign banks, international law firms, airlines, translation and interpretation centers, and major corporations.

Special Features

- **Affiliated Organizations**
— College of Education Teachers' Office, College of Education Lab, Educational Data Analysis Room

Social Studies Education

The Department of Social Studies Education offers a balanced social studies program with courses in history, geography, and social sciences, with the goal of producing secondary school educators and experts in the field. Our program encourages students to take multidimensional approaches by offering interdisciplinary lessons that connect history, geography, and social sciences. We also aim to foster a sense of responsibility in our students as educators of responsible citizenship and communal membership.

Main Courses

- **History**
— How to Teach Korean History in Secondary Education, Teaching of Korean Ancient History, Pre-Modern Asian History and History Education, Modern Western Society and History Education, Readings in Korean History for Teachings, Modern Asian History and History Education, Western Ancient and Medieval History and History Education, Modern World and Korean, Special Lectures on Chosun Period for the Teachers, Theoretical Foundation of Teaching History, Material Development and Teaching Methods in History, Teaching Logic of History
- **Geography**
— World Regional Geography, Cultural Geography, Understanding of Korean Regions, Climatic Environment, Economic Geography, Geomorphological Environment, Urban Geography, Introduction to GIS, Education of Resources and Population, Theoretical Foundation of Teaching Geography, Material Development and Teaching Methods in Geography, Teaching Logic of Geography
- **Society**
— Understanding Society, Introduction to Economic Principles, Understanding Politics, International Relations, Microeconomics, Korean Politics, Social Problems and Social Studies Education, Understanding Constitution, Modern Social Theory, Theoretical Foundation of Teaching Social Studies, Material Development and Teaching Methods in Social Studies, Teaching Logic of Social Study

Career Paths

Students become teachers at elementary or secondary schools, professors at universities, journalists, researchers, or other professionals in education. Many of our students also utilize their knowledge and skills working in public enterprises, cultural fields, or corporations.



Special Features

Ewha English Education alumnae are currently working at the college. Many of our students conduct research or lead educational programs at the Korean Peninsula Development Office, Seoul Institute, Korea Institute for Curriculum and Evaluation, Korea Educational Development Institute, and many universities.

Korean Language Education

The Department of Korean Language Education serves the purpose of training Korean language teachers and experts who will lead the Korean language education in the future. Our program involves theoretical and practical lessons related to Korean language education to train competent educators.

Main Courses

An Introduction to Korean Language Education, Materials Development and Teaching Methods in Korean Language Education, Curriculum and Assessment of Korean Education, Practical Analyses and Work Experience of Teaching and Learning Behavior in Korean Language, Theories in Teaching Korean Language Comprehension, Theories in Teaching Korean Language Expression, Theories in Communication Education, Theories in Korean Grammar Education, Korean Orthography and Usage, Theories in Teaching Literature, Theories in Modern Korean Poetry, Theories in Modern Korean Novels, Theories in Teaching Classical Korean Poetry, Theories in Teaching Classical Korean Prose, History of Korean Literature, History of Korean Language, Theories in Play and Drama Education, Korean Language Education and Media Language

Career Paths

Our students become teachers at secondary schools, professors, researchers, or other professionals in the field of education. Many of our graduates also work in educational administration offices, media outlets, publishing industry, public enterprises, and many other entities.

Special Features

- Curriculum: Korean Language Usage Education, Korean Grammar Education, Korean Literature Education
- Peking University Department of Korean Language and Culture & Beijing Foreign Studies University Department of Korean Language: Ewha's Department of Korean Language Education interacts with Peking University and Beijing Foreign Studies University to provide students with an opportunity to experience Korean language education in the field and practice their teaching skills.

Science Education

The Department of Science Education aims to train middle school science teachers and high school science, physics, chemistry, biology, and earth science teachers with the teaching capacity suitable for the 21st century. The goal is to train qualified science teachers with a general understanding of the overall field of science, effective teaching methods, and character traits to positively influence students.

Main Courses

Mechanics, Electromagnetism, Thermal and Statistical Physics, Quantum Physics, Optics, Modern Physics, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical Chemistry, Cell Biology, Physiology, Genetics, Taxonomy, Ecology, Molecular Biology, Developmental Biology, Biochemistry, Microbiology, Geology, Geophysics, Astronomy, Atmospheric Science, Oceanography, Theoretical Foundation of Teaching Science, Science Curricular Materials and Teaching Methods, Science Writing and Essay Instruction, Inquiry Learning Theory and Practice in Science Education, Science, technology, and our future society, History of Science as an Integrated Curriculum, Science, Technology and Society

Career Paths

After graduation, most of our students become middle school or high school teachers, science education administrators, patent attorneys, or many other professionals in the field of education. Many also work for science related media or broadcasting stations, research institutes and public agencies (e.g., chemical research labs, Korea Institute of Geoscience and Mineral Resources, environmental research institutes, life science research institutes, Korea Meteorological Administration, the Ministry of Land, Infrastructure, and Transport, Korea National Institute of Health, National Forensic Service), and businesses (e.g., communication companies, semiconductor businesses, pharmaceutical companies).

Special Features

- **Curriculum**
 - Physics Education, Chemistry Education, Biology Education, Earth Science Education
- **Affiliated Organizations**
 - General Physics Lab, Applied Nuclear Physics Lab, Physics Major Dark Room, Science Textbook and Experiment Development Lab, Modern Physics Lab, Physics Lab, Chemistry Lab, Organic Chemistry Experiment Preparation Room, Inorganic-Analytic Experiment Preparation Room, General Chemistry Experiment Preparation Room, Chemistry Textbook Research Office, Physical Chemistry Experiment Preparation Room, Ecological Genetics Lab, General Biology Experiment Preparation Room, Systematic Botany Ecology Research Lab, Biology Experiment Lab, Intermediate Biology Lab, General Biology Lab, Earth Science Lab, Rock Mineral Lab, Rock Mineral Storage, Earth Science Analysis Lab, Weather Map Room.



Mathematics Education

The Department of Mathematics Education trains mathematics educators with specialized knowledge in mathematics and mathematics education, respectful character traits, and leadership. Our program encourages students to develop passion for teaching and helps them become mathematics educators who are skillful in information and science technology. Our students are trained to become global leaders in mathematics education. In addition, we have an outstanding faculty and curriculum to lead mathematics research.

Main Courses

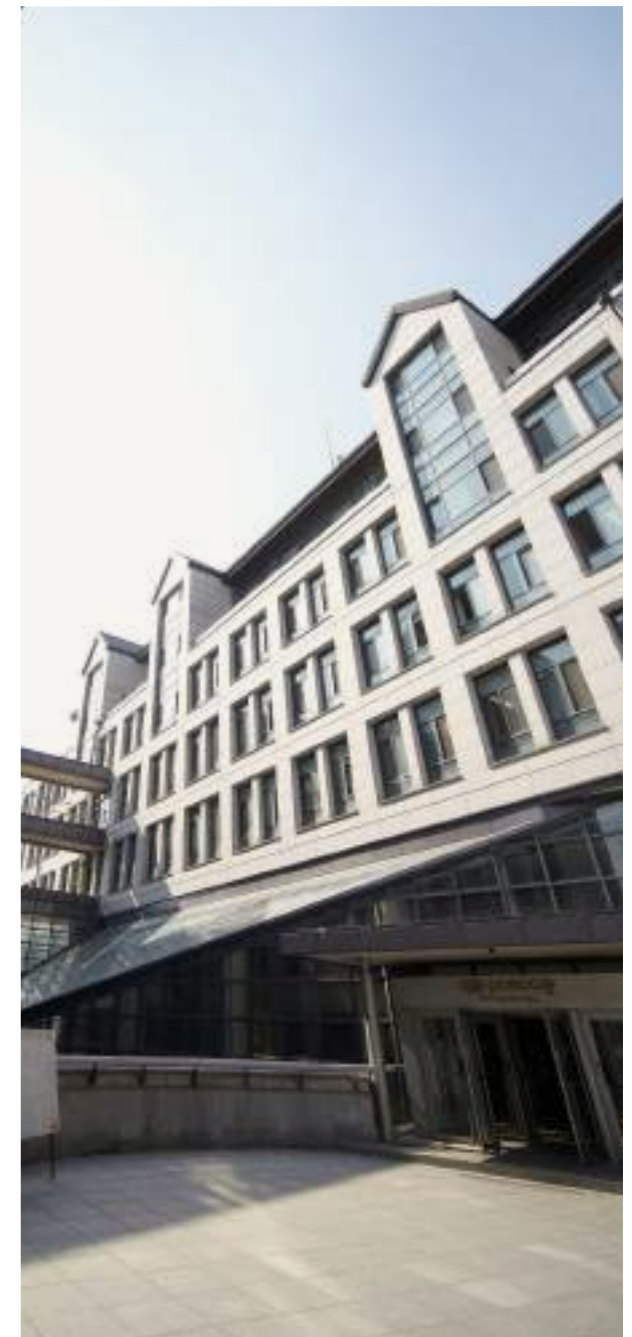
Calculus, Logic and Set Theory, Computer in Education, Advanced Calculus, Probability Education for Secondary School Teachers, Theoretical Foundation of Teaching Mathematics Education, Topology for Secondary School Teachers, Number System and Coding Theory, Abstract Algebra, Complex Analysis, Instructional Materials and Methods in Teaching of Mathematics, Teaching Practicum, Mathematical logics and essay in mathematics education

Career Paths

Most of our students become teachers at middle or high schools, teachers at international schools, mathematics education administrators (e.g., school commissioners, Ministry of Education officers), professors, public officers, accountants, patent attorneys, or other related professionals. Many also work in educational research institutes, corporations (including computing, statistics, and finance sectors), the publishing industry, broadcasting stations, textbook companies, and others. Some of our students continue their academic training in graduate school.

Special Features

- **Affiliated Organizations**
 - Mathematics Education Data Office, Mathematics Education Training Room
- **Curriculum**
 - Mathematics, Education, Mathematics Education





COLLEGE OF BUSINESS ADMINISTRATION

UNDERGRADUATE & GRADUATE PROGRAMS



Business Administration

The goal of the department is to nurture professional businesswomen who can become leaders in the Korean economy and the business world. Our program focuses on nurturing comprehensive thinking skills, practical abilities, and leadership. It also seeks to help students reach their full potential. Students gain intellectual abilities through the latest business theories and case studies, and learn practical skills through university-industry cooperative programs which offer on-site experiences and extracurricular opportunities. Students are trained to analyze the pending economic issues and forecasts, both domestic and global, and to adapt to the changing environments.

Main Courses

Principles of Business Administration, Understanding Finance and Economics, Managing Organization Behavior, Financial Management, Marketing Management, Management Science, Human Resource Management, International Business Management, Corporate Finance, Marketing Research, Database System, Social entrepreneurship, Business Ethics, Investment Management, Personal Finance, Non-Profit Accounting, Accounting Theory, Auditing, Financial Institutions Management, Financial Derivatives, Service Marketing, Leadership in Business, International Finance, Risk and Insurance, Marketing Strategy, and etc.

Career Paths

- The graduates of Ewha's School of Business work in prominent domestic and multinational companies, banks, investment firms, public enterprises, or government bodies. Many graduates also become certified accountants, financial specialists, consultants, or teachers. Others continue their studies in graduate school in Korea and abroad.

Special Features

- **Department's Achievements**

- AACSB Accredited: AACSB provides internationally recognized, specialized accreditation to the top 5% of business schools worldwide; Harvard, Stanford, Yale, and Ewha are included. Ewha has been accredited with AACSB on our business program on all academic levels from undergraduate to doctoral degrees.

- University-Industry Cooperation: Ewha Womans University and Citi Group co-host a finance academy. Students who participate in this program receive certifications signed by the Dean of Ewha College of Business Administration and the Director of Citi Bank Korea. We provide internship opportunities and give

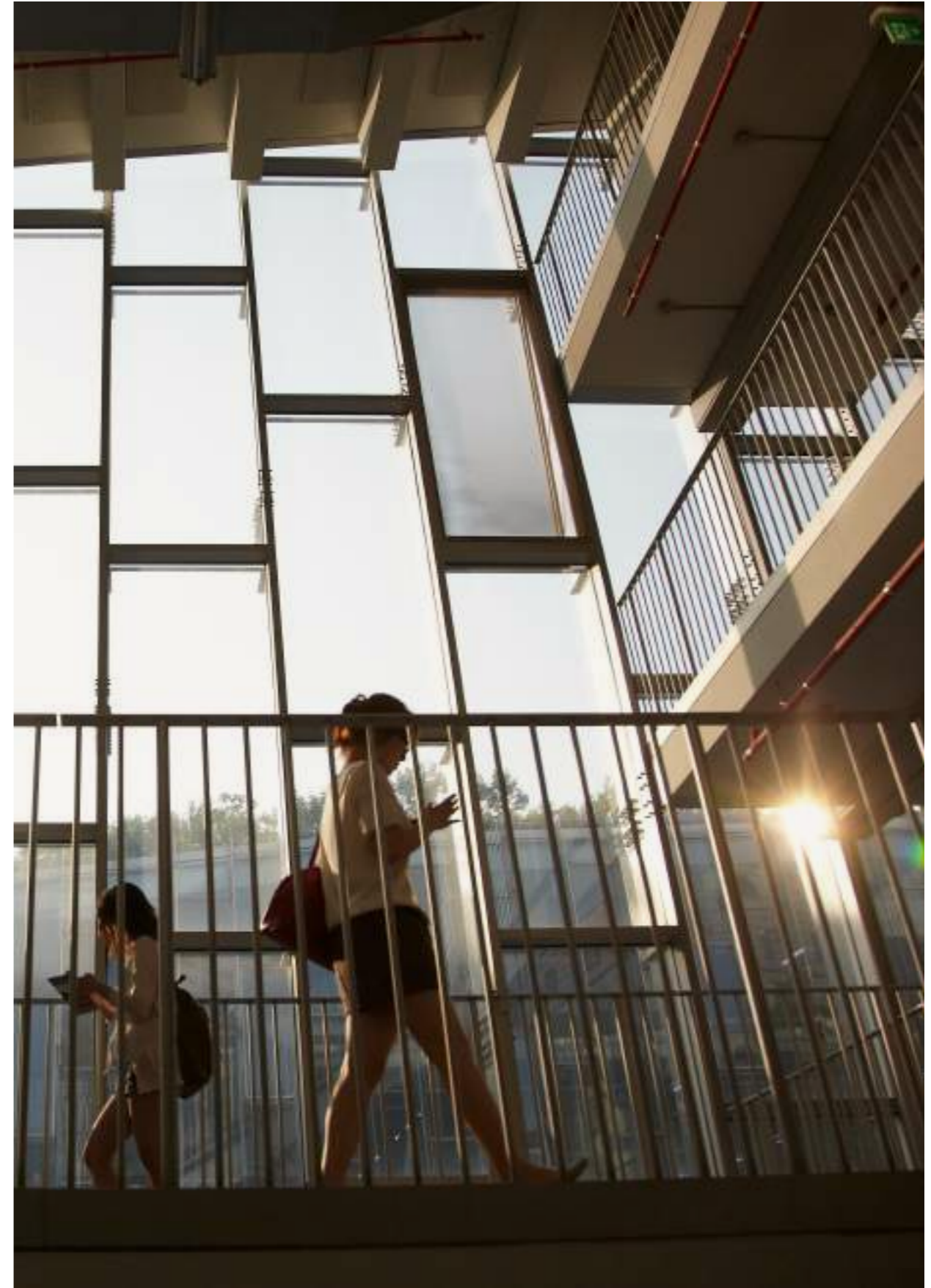
recommendations for jobs at financial institutions. The department also collaborates with Amore Pacific and hosts "Exemplary Innovative Business Management" once a year. Internship opportunities are offered to students, and field trips are organized. Students who participate in the internship program are granted with scholarships, and they are also given a hiring advantage after graduation.

- **Affiliated Organization**

- Ewha School of Business Management Research Center: The center was established in 1969 and has conducted academic research, developed projects, and educated students since then. The center offers the Ewha Businesswomen course in order to train female leaders. In addition, the center publishes an academic journal, Ewha Management Review, and a research journal, Journal of Business Administration, periodically.

- **International Business Administration Exchange Student Program**

- Ewha School of Business Administration has signed agreements with 65 schools in 31 countries in North America, Europe, Asia, and Oceania. We offer exchange student programs and dual degree programs based on such agreements.





COLLEGE OF MEDICINE

UNDERGRADUATE & GRADUATE PROGRAMS

* International students (undergraduate) are not eligible
to apply for College of Medicine.



Medicine

Founded on the Christian values of Ewha (truth, goodness, and beauty), Ewha School of Medicine aims to foster outstanding leaders in healthcare and medicine who will contribute to national development and the betterment of humankind.

Ewha School of Medicine is dedicated to (1) establish fundamental medical proficiencies based on effective communication skills, cognitive skills, and technical skills that all healthcare professionals require, (2) enforce medical professionalism complete with sound ethics, social responsibility, female leadership and an aptitude for personal development (3) cultivate research competency through creative problem solving and critical thinking to contribute to the advancement of academic studies in healthcare, and finally, (4) foster a dedicated attitude of service for the benefit of the community, the nation, and humankind.

Main Courses

Anatomy, Physiology, Biochemistry, Pharmacology, Pathology, Microbiology, Internal Medicine, Pediatrics, Dermatology, Surgery, Obstetrics and Gynecology, Orthopedic Surgery, Neurosurgery, Urology, Ophthalmology, Otolaryngology Head & Neck Surgery, Anesthesiology and Pain Medicine, Radiology, Plastic and Reconstructive Surgery, Laboratory Medicine, Thoracic and Cardiovascular Surgery, Radiation Science, Neurology, Physical Medicine and Rehabilitation Medicine, Family Medicine, Emergency Medicine

Career Paths

Our graduates become doctors, professors, medical journalists, or other professionals in healthcare.

Special Features

- **Ewha Medical Research Institute**

— The center was established in September of 1995 to create the best research environment with studies on life sciences. The center supports collaborative research with the industry and nurturing of research experts. We also focus on specialization of joint medical research.

- **Affiliated Organization**

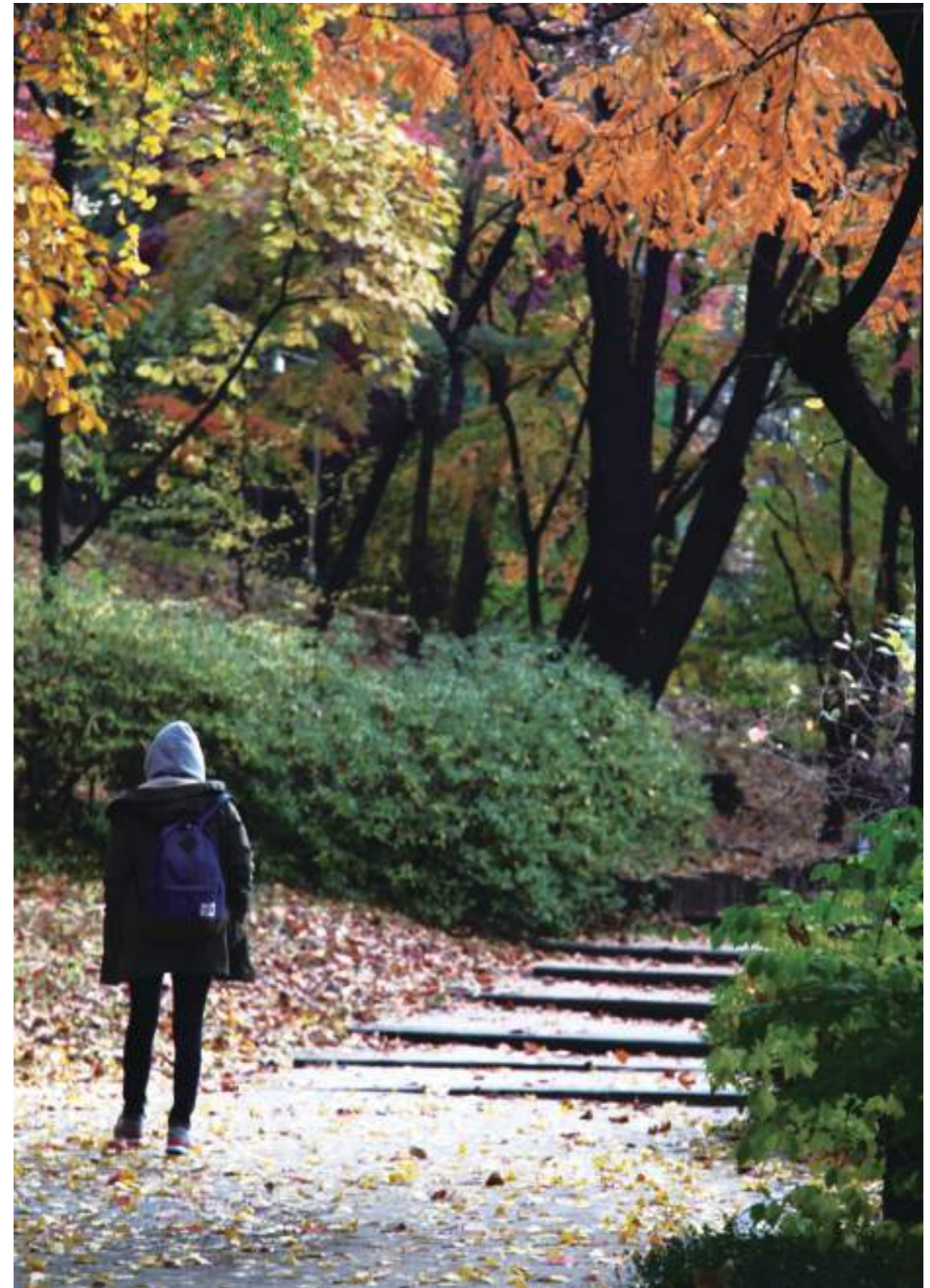
— Ewha Womans University Mokdong Hospital, Ewha Womans University Cancer Center for Women, Ewha Institute of Convergence Medicine, Ewha Clinical Trial Center

- Ewha's medical centers have enhanced their global competitiveness and are attracting patients from abroad.

Ewha Womans University Medical Center earned JCI accreditation in July of 2011. The medical center provides world-class healthcare services. In addition, we also earned the JCI Clinical Care Program Certification (CCPC) in January of 2012, which reflects the outstanding quality of our medical services.

- Ewha will be committed to more medical research and will build a second hospital in order to become a truly global medical hub. The second Ewha Womans University hospital will open in 2017 in Gangseo-gu, in the Ma-gok District. Ewha Womans University Medical Center and the second hospital will be located closely, with similar medical departments and clinics but each of them specializing in different areas.

- Ewha plans to focus on specializing its medical services by supporting specialized treatment centers for each type of diseases at Ewha Womans University Medical Center and Ewha Womans University Cancer Center for Women in order to enhance their competitiveness. Under the master plan for all Ewha medical institutes, Ewha Womans University Medical Center's Liver Center is showing robust growth.





COLLEGE OF SCIENCE & INDUSTRY CONVERGENCE

UNDERGRADUATE & GRADUATE PROGRAMS



Content Convergence

Content Convergence studies the art, engineering, and cultural industry related to digital media in the 21st century which can be largely defined by high concept and high touch. Our program integrates the arts, engineering, and design with ICT in order to nurture professionals in the latest contents industry. We train students to become intelligent experts who can contribute to the entire process of contents planning and development as planners and designers. As one of the best undergraduate programs in Korea to offer convergence studies, we are successfully carrying out collaborative projects with major corporations in Korea and abroad. Content Convergence students can expect to become outstanding individuals with both knowledge in engineering and flair for design.

Main Courses

Art Technology Studio, Design Research Methods, Ludology Theory, Introduction to Transmedia Storytelling, Media R&D Management, Mobile Programming, Software Design, Convergence Data Science, Culture Study and Media Technology, Musical Interfaces

Career Paths

Many of our students become game planners, game scenario writers, contents planners, service planners, contents marketers, PR strategists, UI/UX designers, media artists, software developers, program designers, project managers, or data scientists, among others.



Special Features

- **Affiliated Organizations**

- The Institute of Art and Science Convergence conducts creative interdisciplinary research on technology and art, people and the environment, and real and virtual realities. Researchers from various fields such as painting, sculpture, fashion, music, architecture, dance, mathematics, computer science, social sciences, and business administration have gathered to exchange ideas and collaborate with each other.

- The Digital Storytelling Lab DIGIS is currently conducting research on game design, animation, films and other cultural contents. DIGIS aims to produce talented individuals who can plan and create well-made cultural contents. Since training such experts requires an education system where multiple studies converge, DIGIS creates and studies various contents.

- Laboratories: Creative Computing Laboratory, Cross Media Creative Laboratory, UX Design & Research Laboratory, Media Technology Society Laboratory, Interactive AR/VR Media Laboratory, Audio & Interactive Media Laboratory, Creative Contents Lab

Fashion Industry

The Department of Fashion Industry aims to train fashion experts with strong competitiveness in the textile and fashion industry. Our program specifically includes fashion industry training which focuses on improving practical skills, and conduct joint researches with the industry. In addition, we provide opportunities for domestic and international exchanges in order to nurture creative female leaders in the global fashion industry.

Main Courses

Clothing and Culture, Color Planning & Design, Textile Properties and Dyeing Practice, Pattern Design, Understanding Textiles for Fashion, Style Drawing, High Sensibility Textile Expression Techniques, Fashion Marketing, Fashion Psychology & Consumer Behavior, History of Korean Costume, Textiles for Clothing and Human, Visual Merchandising and Display Techniques, Technical Design, Design of Korean Traditional Costume, Sensibility Fabric Design and Evaluation, Fashion Information & Apparel Planning(Capstone Design), Aesthetics of Fashion, Fashion Merchandising, Apparel Pattern CAD, Traditional Color and Motif of Korean Costume, Practice of Biocompatible Textile Finishing, Planning of Fashion Design(Capstone Design), Style Editing, Creative Design Studio, Study of the Fashion Industry, Textile Products and Quality Assurance, Study on the Design of Korean Traditional Costume, Theory and Practice in Traditional Dyeing / Finishing, History of Asian Costume, Korean Stage Costume

Career Paths

Most of our students become experts on trends in fashion materials, researchers of new fashion materials development, textile and fashion researchers, fashion consultants, apparel production management experts, natural dyeing experts, fashion designers, fashion coordinators, fashion information and PR managers, fashion culture managers, colorists, costume designers, virtual merchandisers, art directors, fashion editors, fashion photographers, curators, experts on historical costumes, experts on traditional lifestyle, fashion merchandisers (MD & MR), fashion buyers, fashion advertisement experts, stylists, fashion journalists, fashion directors, brand managers, fashion trade experts, technical designers, and modelists.

Special Features

- The department organizes various types of seminars, special lectures, and research projects such as the Global Top 5 Project. We also invite experts in the field and alumnae for discussions twice a year.

- **Affiliated Organization**

- The Clothing Textiles Research Center under the Human Ecology & Research Institute hosts international and domestic symposiums and seminars with invited experts, offers educational programs, and develops periodic journals.

- **Research Offices**

- Clothing Ergonomics Research Office, Traditional Costume Research Office, Fashion Design Research Office, Information and Planning of Materials Research Office, Fashion Merchandising Research Office, Composition of Clothing Research Office

International Office Administration

The Department of International Office Administration produces administrative professionals equipped with communication skills and office management capacities. The department was first established as Secretarial Science in 1967 but changed its name to International Office Administration in 2006 in response to the changing business environment. Our curriculum focuses on practical education and includes courses such as Office Management, Information/System Management, Convention Management, and Business Communication. The program prepares students to become talented individuals valued by today's global society.

Main Courses

Introduction to International Office Administration, Global Career Development, Human Relations at Work, Office Knowledge Management, Business Computing, Business Web, Service Management & Education, International Business & Office Management, Office Administration, Database Management, Foundations for Business English, Business Communication, Convention Management, English for Business Interaction, Business Project Planning & Management, Cross - Cultural Issues for Management

Career Paths

Graduates from the Department of International Office Administration work in a wide range of industries, as professional secretaries, office managers, HR managers, financial experts, strategists, consultants, and project managers. Many of our students also enter graduate school in Korea and abroad, or work for corporations overseas such as Goldman Sachs (Singapore) and JP Morgan (Hong Kong).

Special Features

- **Affiliated Organization**
— The Ewha International Convention Management Center trains professionals for international conferences and hosts international conferences. We also offer the Ewha Creative Academy, which is an educational program funded by the city of Seoul and Seoul Business Agency, to train 300 Ewha students to become international conference experts.
- The department offers the greatest number of English-mediated courses on campus (excluding the Division of International Studies).



Kinesiology & Sports Studies

(Sports Science / Global Sports Management)

The Department of Kinesiology & Sports Studies nurtures creative sports professionals who can develop sports and leisure culture, improve health and sports performances, and expand and globalize the sports industry. The department is divided into two majors: Sports Science and Global Sports Management.

Main Courses

- **Theoretical Curriculum:** Basic Approach to Physical Education and Sports, Exercise Physiology, Coaching Theory, Sports Biomechanics and Lab Work, Exercise and Nutrition, Personal Physical Fitness Administration, Psychology and Sport Performance, Motor Control and Learning, Motor Development, Theories on Leisure, Sport and Health Related Business Marketing, Instruction Model of Physical Education and Teaching, Sports Medicine, Sport Management, Theory and Practice of Adapted Physical Activity, Research Method for Physical Education, Sports Media, Clinical Exercise Testing and Prescription, Understanding & Writing Sport Culture through Sport, Evaluation and Measurements in Physical Education, Professional Internship and Practicum in Sport, Internship of Sports Broadcasting, Theory and Practice of Adapted Physical Activity for Aging, Sport Philosophy and Historical Cultural Study on Sports, Development of Physical Activity Program for Infants and Children
- **Practical Curriculum:** Track and Field, Aerobics, Gymnastics, Swimming, Outdoor sports, Volleyball, Golf, Tennis, Ski, Snowboard, Basketball, Dance Sport, Horseback Riding, Weight Training, Life saving, Soccer, Aquatic Practicum, Yoga, Badminton, Softball, Handball I, Newsports, AT(Athletic Training), Balance Fall Proof, ECG Laboratory

Careers Paths

Students may apply their skills in education and research sectors as professors; sports science researchers; teachers at elementary, middle and high schools; special physical education teachers; children's physical education instructors; physical education instructors for the elderly; leisure education experts; sports-for-all instructors; sports team leaders; and therapeutic recreation specialists.

Our students can also work in the sports field as personal trainers, healthy exercise specialists, sports medicine specialists, sports curers, trainers for athletes, body shape correction experts, sports psychology counselors, metal coaches, sports management specialists, sports agents, sports marketers, sports industry planning consultants, sports facility designers and managers, therapeutic recreation specialists, sports program producers, or sports journalists.

Many of our graduated students also work in the public sector as public officers for kinesiology, administrators at public sports organizations and private sports entities, administrators for professional sports teams, and administrators for sports diplomacy.

Special Features

- **Department's Achievements**
— The Ewha Woman's University Physical Education Program for the Talented trains young, gifted students from grades 2 to 6. The program includes track and field, swimming, and gymnastics, as well as creativity and personality building. The program serves to find talented young individuals who can be trained to become global leaders in the field of sports.
- **Affiliated Organization**
— The Research Institute of Sports Science is composed of the sports culture research division and the sports science research division, and carries out basic and applied studies on sports science. The research topics of the center include sports performance improvements; physical fitness testing; exercise prescription; training methods; prevention and treatment of injuries; development of talented females for international competitions; and many others. In addition, the center publishes research papers and hosts presentation sessions and lectures.

Nutritional Science & Food Management

The Department of Nutritional Science & Food Management trains global women leaders with comprehensive knowledge and creative research skills who can create new paradigms for the health management systems in nutritional science and the food service industry. With active cooperation with the industry, the department has established a firm research basis. We have also created an environment in which students can develop their expertise, creativity, and global competitiveness. Our curriculum is divided into the nutritional science track and the food service track to produce well-prepared professionals.

Main Courses

Human Nutrition for Living, Foods in Modern Society, Nutrition throughout the life cycle, Principle in Food Preparation, Biochemistry, Understanding Foods and Culture, Fundamentals of Food Chemistry, Human Physiology in Nutrition, Advanced Human Nutrition, Understanding Food Microbiology, Practices in Traditional Korean Food, Practice in International Food Preparation, Community Nutrition & Nutrition Policy, Laboratory Methods in Food and Nutrition, Food Processing and Preservation, Nutrition and Functional Foods(Capstone Design), Food and Nutrition Information and Media(Capstone Design), Marketing in Food Service Industry(Capstone Design), Nutrition Education and Counseling Practice, Clinical Nutrition, Food Service Management, Menu Planning and Development Practice(Capstone Design), Experimental Foods Laboratory(Capstone Design), Nutritional Assessment and Laboratory, Quantity Food Preparation and Practice, Diet Therapy and Laboratory, Field Experience in Dietetics, Food Sanitation & Law, Nutrition and Molecular Biology

Career Paths

Many of our students become professors, researchers at public or private research institutions, nutrition teachers, public officers, clinical dietitians, health consulting nutritionists, food nutrition information analysts, nutrition journalists, bio-product developers, health functional food evaluation specialists, functional food managers, food business operators, start-up consultants, menu planners, traditional food and cultural products planners, food and therapeutic diet researchers, food journalists, and new product developers.

Special Features

- 2006-2012: The department was chosen by the Ministry of Education to conduct the BK21 project (Specialized Biofood Assessment).
- 2013/2014: The department ranked in the top-class category of natural sciences and engineering departments in the Joong Ang Daily University Rankings.
- 2013: The Ministry of Education's BK21 Plus project selected the department as The Food and Nutrition Team for Creative Future Health Professionals.
- **Affiliated Organization**
 - The Research Center for Global Food Nutrition opened with the purpose of studying food life, food, and nutritional issues, improving dietary life by comparing regions, and seeking for ways to improve health conditions. In addition, we aim to understand the food and nutritional conditions around the world, come up with solutions to food and nutrition problems through scientific approaches, conduct basic studies to improve dietary life, and promote cooperation with institutions abroad.
 - The Human Ecology & Research Institute was created to conduct multidisciplinary research on human living environment. The institute is composed of a consumer information center, children family research center, clothing research center, dietary life information research center, and Yanbian research center. They conduct joint research with the industry, host domestic and international symposiums, invite experts for seminars, and offer educational programs.
- The department prepares students to apply for the national certification for nutritionist.

Health Convergence

The Department of Health Convergence aims to nurture female health professionals with creative and multidisciplinary capacities in fields of health and medicine worldwide. Our curriculum is designed to teach both theory and practical skills so that students can apply their learning in health policies and management, healthcare service planning, safety, health information, and international healthcare after graduation. After taking our courses, students may become specialists in health promotion, disease prevention, and health administration at public or private health and medical institutions. In the healthcare service industry, students may become health promoting experts who can assess individual or group demands on healthcare, and plan customized healthcare services. In addition, students can apply their skills in health and medical areas worldwide, including WHO and other international health organizations, international healthcare and medical tourism industry, and international health and medical conference planning. The Department of Health Convergence promotes convergence of various studies and productive cooperation among industry, government, and academia. The department also offers internship programs and social responsibility activities in order to nurture talented individuals with both specialized knowledge and civic mindedness.

Main Courses

Introduction to Health Education, School Health, Medical Terminology 1, Public Health, Medical Terminology 2, Health Computer System, Safety Education, Health Management and Policy, Health Communication, Health and Medical Law, Pathology, Human Growth and Development, Methods and Materials of Health Education, Health Statistics Theories and Practices, Quality Control of Health Care, Healthcare Financing and Accounting Management, Medical Record Management, Theories and Practices of Classification of Diseases & Surgery, Planning and Evaluation for Health, Survey Methods for Health Sciences, Tumor registry, Medical Information Management, Occupational Health, Chart Analysis Training, Community Health, Hospital Services and Health Insurance, Introduction to Health Information and Communication Technologies, Health Management Leadership Development, Field Training of Health Education, Mental Health, Healthcare Organization Management

Careers Paths

Our students become health education teachers, public officers, international health experts, medical tourism planners, researchers at health and medical institutions, civic group administrators, insurance specialists, hospital administrators, e-Health Care planning consultants, health promotions advertisement planners, health exposition planners, civic group health campaign planners, health journalists, hospital health promotion services planners, managers at facilities for senior citizens, or managers at nursery facilities.

Special Features

- The department prepares students to apply for the National Health Instructor Certificate. Students can apply for level 2 and level 3 certifications for health instructor, which is a profession widely welcomed by many health and medical organizations including the Ministry of Health and Welfare and Korea Association of Health Promotion.
- The department also prepares students to apply for the National Medical Record Administrator Certificate. Medical record administrators are in charge of medical records at hospitals and work at many health and medical institutions including Health Insurance Review & Assessment Service and Statistics Korea.



COLLEGE OF NURSING

UNDERGRADUATE & GRADUATE PROGRAMS



Nursing

Based on respect for humankind and therapeutic care, we are committed to preparing future leaders in nursing who will contribute to health promotion and rehabilitation, pain relief, disease prevention, and wellness for all people. Students learn scientific nursing skills and requirements necessary to become global leaders through the program that integrates the arts, social sciences and natural sciences with nursing science in order to help students become leaders in the nursing field. In addition to theoretical education, we also provide opportunities of hands-on experience at hospitals, schools, corporations, government agencies, and research institutes.

Main Courses

Nursing Management, Nursing Management Clinical Nursing Practice, Gerontological Nursing, Gerontological Nursing Clinical Nursing Practice, Maternity Health Nursing, Maternity Health Nursing Practicum, Adult Health and Illness, Adult Health and Illness Practicum, Child Health Nursing, Child Health Nursing Practicum, Community Health Nursing, Community Health Nursing Practicum, Psychiatric Mental Health Nursing, Psychiatric Mental Health Nursing Practicum, Nutrition in clinical practice, Traditional nursing therapy, Health & Welfare Policy, Safety in health care work environment, Global nursing issues, Human Genetics & Nursing, Bioethics and nursing, Evidence based nursing practice, Integrated Clinical Nursing Simulation, Leadership development in nursing profession, Integrated Seminar in Nursing Profession, Nursing business, Self-directed Elective Practicum, Integrated Clinical Practicum

Career Paths

The graduates of the Division of Nursing work as nurses and advanced practice nurses (in public health nursing, anesthetic nursing, home care nursing, midwifery care, psychiatric-mental health nursing, infection management, hospice care, emergency nursing, critical care, or health insurance inspection). Many work in various health care settings such as schools, corporations, public health centers, welfare institutes, and child care facilities. Some graduates became health care administrators or managers, or government employees such as judicial officers. Graduates also obtain Master's or Doctoral degrees and work in various educational and research institutes.

- **Employment Opportunities**

— Ewha Womans University Medical Center, Asan Medical Center, Samsung Medical Center, Seoul National University Hospital, Yonsei University Severance Hospital, Ministry of Health and Welfare

Special Features

- **Department's Achievements**

— The department was accredited with Nursing Education Certification in 2013.

- **Affiliated Organization**

— Research Institute of Nursing Science: The institute endeavors to develop theories on basic nursing science and many other areas including women, children, adults, the elderly, psychology, and community. The institute also conducts clinical research and collaborates with other institutions in the field. In addition, the institute seeks for ways to improve nursing education and practices.

- **RN Education Career Development Center**

— The center was created to help Korean nurses start their careers in the United States. The center offers full NCLEX-RN courses, short-term intensive courses, test prep courses, online full courses, and online test prep courses.

Global Health & Nursing

Global Health and Nursing aims to maximize the wellbeing of the individual, family, community, state, and humankind based on the understandings of the human body in nursing science. Our program prepares students to become health science professionals who will apply their skills in health and medical policies, management, and administration.

Main Courses

Nursing Management, Nursing Management Clinical Nursing Practice, Gerontological Nursing, Gerontological Nursing Clinical Nursing Practice, Maternity Health

Nursing, Maternity Health Nursing Practicum, Adult Health and Illness, Adult Health and Illness Practicum, Child Health Nursing, Child Health Nursing Practicum, Community Health Nursing, Community Health Nursing Practicum, Psychiatric Mental Health Nursing, Psychiatric Mental Health Nursing Practicum, Introduction of Global health, Practice of International Relation & Cooperation, Introduction to Global Healthcare Industry, Global Health Care System, International Health Information & Epidemiology, International Disaster and Risk Management, Global Healthcare Program Planning

Careers Paths

Many of our graduates have become nursing science professors at universities in Korea and broad, nurses, lawmakers' assistants, researchers, experts on health policies, and administrators among others. Our students also work to design health insurance policies and to write health and medical laws.

- **Employment Opportunities**

— Health Insurance Review & Assessment Service, National Health Insurance Service, Ministry of Health and Welfare, community health centers, government legislation body for health and medicine, Ministry of Food and Drug Safety, Centers for Disease Control and Prevention, Korea Health Promotion Foundation, Korea Foundation for International Healthcare, Korea Institute for Health and Social Affairs, Korea Health Industry Development Institute, National Evidence-Based Healthcare Collaborating Agency, Korea Human Resources Development Institute for Health and Welfare, Korea International Cooperation Agency, United Nations, World Health Organization, UNICEF

Special Features

- **See Special Features for Nursing**





COLLEGE OF PHARMACY

UNDERGRADUATE & GRADUATE PROGRAMS

* International students (undergraduate) are not eligible
to apply for College of Pharmacy.



Pharmacy

Ewha Pharmacy helps students acquire both basic knowledge of medicine for prevention and treatment of diseases and specialized skills. The program seeks to nurture professionals who can apply their knowledge in the field of medicine and conduct academic research. Our program teaches basic theories required for the production, quality management, and application of medicine as well as specialized skills. By doing so, we aim to produce professionals who can contribute to the development of new medicine and academic research. Another goal of Ewha's College of Pharmacy is to enable students to become pharmacists who can advance the well-being of people.

Main Courses

Pharmaceutical Analysis, Pharmaceutical Biochemistry, Pharmaceutical Synthesis, Physical Pharmacy, Anatomy, Physiology, Pharmaceutical Microbiology, Pharmaceutical Chemistry, Molecular Biology, Medicinal Natural Products, Pharmaceutical statistics, Drug Information, Pharmacy Administration, Herbology, Pharmacognosy, Pathophysiology, Biopharmaceutics, Preventive Pharmaceutics, Pharmacotherapeutics, Immunology, Pharmaceutical Instrumental Analysis, Pharmacogenomics, Toxicology, Organic Chemistry of Drug Action, Clinical Immunology, Functional Food Pharmaceutics, Clinical Pharmacokinetics, Pharmacopoeia & Pharmaceutical Quality, Medicinal Chemistry, Drug Delivery System, Pharmaceutical Jurisprudence, Pharmaceutics, Dispensing Pharmacy, Cell Signal Transduction, Pharmacy Management, Drug Literature Evaluation and Clinical Research Design, Formulations of Traditional Korean Medicines, Good Manufacturing Practice & Process Validation, Drug Regulatory Affairs, Cosmetic Science, Pharmacoeconomics, and etc.

Careers Paths

After graduation, students work in medical establishments including hospitals and pharmacies. Many also utilize their skills at research institutes such as the National Forensic Service, Korea National Institute of Health, National Institute of Environmental Research, Ministry of Food and Drug Safety, Korea Research Institute of Bioscience and Biotechnology, Korea Research Institute for Chemical Technology, and Korea Institute of Science and Technology. In addition, our students become patent attorneys, professors, journalists specializing in pharmacy, medical information managers, or entrepreneurs.

Special Features

— The curriculum includes Pathophysiology and Pharmacology, Life Pharmacy, Medical Chemistry, Natural Product Pharmacy, Analytic Pharmacy, Pharmaceutics, Preventive, Pharmacy and Toxicology, Clinical Pharmacology and Social Pharmacy.

— The outstanding research capability of Ewha Pharmacy is well-known in Korea. Ewha's Research Institute for Pharmaceutical Sciences has led many large-scale research projects such as BK21 Plus, NCRC, WCU, International Development of New Medicine for Tumor Treatment, and many other independent research projects. Both the undergraduate and graduate programs of Ewha Pharmacy were also ranked in the top-class in the Comprehensive Assessment on Schools of Pharmacy conducted by the Korea Council for University Education in 2005.

— The Research Institute for Pharmaceutical Sciences was founded in 1989 under the vision of being a research oriented school and supporting the development of new medicine. The institute conducts collaborative research and contributes to the development of new medicine. The institute also conducts research using the latest technology in the fields of Life Pharmacy, Medical Chemistry, Drug Toxicity, Drug Development, Natural Products, and Drugs Analysis Research.

— Ewha Pharmacy provides an MRI room and NMR room to promote cutting-edge research in the field. Ewha was the first school to establish to install an MRI on campus to conduct analytical research on brain imagery and sections. We also have Varian 400 MHz FT-NMR equipped to observe ^1H , ^{13}C , ^{19}F , ^{31}P nuclides, and 1D (^1H , ^{13}C , ^{19}F , DEPT135) or 2D [gCOSY, TOCSY, NOESY] experiments.

— Ewha Pharmacy's Garden for Medical Plants includes four greenhouses and 250 bags of herbs and medical plants. Each of the greenhouses is equipped with a sprinkler and a thermos-hygrostat to maintain the best environment for the plants to grow. Our courses use the garden to provide

students the opportunity to observe the shapes of the plants during flowering and fruiting seasons and to learn about the plant ecosystem.

— The Central Equipment Room has tools and materials that can be used for student education and professors' research. Other departments at Ewha and external organizations can also borrow these items.

— The Laboratory Animal Room consists of an animal room, SPF room, and management room. It was built in a closed structure in order to maintain a consistent indoor environment. The room adjusts to temperature, humidity, ventilation, and lighting to keep the indoor environment unchanged throughout the year. The Laboratory Animal Management Committee reviews the operation and management of laboratory animals in the Laboratory Animal Room.

— Ewha Pharmacy opened in May of 1996 in the Pharmaceutical Science Building A. It is equipped with 796 types of drugs, computers, and other equipment. The Teaching Pharmacy Program allows students to practice preparing drugs and managing information and drugs. Our Pharmacy program also cooperates with other hospitals and pharmacies to provide training opportunities to our students.





SCRANTON COLLEGE

UNDERGRADUATE DEGREE PROGRAMS

* International students (undergraduate) are not eligible to apply for Scranton Honors Program and Brain & Cognitive Sciences of Scranton College.



Scranton Honors Program

Scranton Honors Program (SHP) is an undergraduate course designed to uphold the legacies of Mary F. Scranton, the founder of Ewha Womans University. The program was established in March of 2007, to train female professionals with intelligence and civic mindedness. SHP students spend their freshman year taking a variety of basic courses on many fields of study and then choose their major by the end of the year. This multidisciplinary program enables students to choose their major in any of the departments here at Ewha, with exceptions of majors in College of Education, College of Art & Design, and College of Music.

In order to cultivate outstanding future leaders, Scranton Honors Program requires students to create a self-designed major in addition to their primary major. Students have the to choose from one of five convergence study tracks offered by the program as their self-designed major. Naturally, SHP students receive two Bachelor's degrees at graduation.

Major Tracks

- **Integrated Studies of Culture:** In order to understand the culture of a society in its entirety, it is critical to have an integrated understanding of its language, philosophy, history, and literature. The track includes studying philosophy, history, and literature for such comprehensive understanding. The curriculum includes not only courses in the humanities but also social sciences, natural sciences, and engineering courses relevant to the philosophy, ideology, history, and culture of a society. By studying the diversity in culture and human lives, the track aims to train leaders who will ultimately create and develop a brand new culture.
- **Digital Humanities:** The track is designed to help students majoring in different studies obtain a better understanding of our information-based society. The goal is to enhance students' capabilities to plan and create digital contents in their field of expertise. Courses include Web-based Cultural Research, Digital Storytelling, Media Art, Digital Video Training, Films and Philosophy, Information Design, and others related to Digital Media, Culture, and Digital Humanities.
- **Initiatives in Social Sciences:** The track focuses on the formation and changes of humans and social phenomena. In order to obtain a better understanding of the basic theories of social sciences and ideas and to gain broad but organized understanding of the changes in society, the curriculum includes philosophy, history, and natural sciences courses. Students take courses of the College of Liberal Arts, College of Social Sciences, College of Natural Sciences, and College of Business Administration.
- **Convergence of Sciences:** Science is the necessary tool to understand facts and assess values; it is also a key that needs to be understood in order to make decisions on all matters. The track expands the scope of science compared to traditional science programs and integrates science to other studies.

Courses include Basic and Applied Sciences, Life Science, Business Administration, Computer Science, Journalism, and Environmental Studies.

- **Society and Justice Track:** This track offers a broad range of courses in such fields as the humanities, social sciences, and natural sciences to those students who wish to enter into the fields of law or public administration. The goal is to train professionals with both intelligence and civic mindedness. The curriculum includes courses in foundation studies such as the humanities, social sciences, and natural sciences; applied studies such as law, politics, and public administration; and methodology classes such as social statistics and research methods.

Career Paths

Many of our SHP students enter graduate schools, law schools, or medical schools. Most of our students become accountants, journalists, broadcasting specialists, financial experts, patent attorneys, corporate employees, or public officers at the Ministry of Foreign Affairs, Ministry of the Interior, and others.

Special Features

Department's Achievements

- 2011: Established friendly relations with Seoul National University College of Liberal Studies
- 2012: Started academic exchanges with Seoul National University College of Liberal Studies
- 2013: Started academic exchanges with Pohang University of Science and Technology (POSTECH) Department of Creative IT Engineering
- 2013: SHP students attended the U.S. Embassy New Generation Seminar.

Brain & Cognitive Sciences

Brain and cognitive sciences is a very promising field of study that has the potential to become the next growth engine for our society. For many decades, knowledge on brain mechanism that controls cognition, thinking, speech, and behaviors of humans has been accumulated. Currently, such accumulated knowledge on brain mechanism is being applied to different fields of study to induce real changes; in short, the trend is now shifting to interdisciplinary studies.

Division of Convergence & Interdisciplinary Studies Brain & Cognitive Sciences educates students with the relevant knowledge and integrates their trainings with humanities, social sciences, natural sciences, law, medicine, and pharmacy. The ultimate goal of the program is to cultivate creative problem solving capabilities in our students. Such educational goals are unique to our program, and Ewha endeavors to produce leaders in brain and cognitive sciences with such unprecedented efforts.

Main Courses

Important Discoveries in Neuroscience, Functional Neuroanatomy, Imaging the Human Mind, Sensation and Perception, Forensic Neuropsychology, Sleeps, Dreams, and Unconsciousness, Convergence of Biomedical Sciences and Brain and Cognitive Sciences, Convergence of Social Sciences and Brain and Cognitive Sciences, Behavioral Neuroscience, Cognitive Sciences, Neuro-Genetics, Brain and Communication, Female Brain, Neural Basis of Brain Disorders, Neuroethics, Drugs, Brain, and Behavior, Brain and Neural Engineering, Laboratory Experiments in Neurosciences I, II, Laboratory Experiments in Brain and Cognitive Sciences I, II, Laboratory Experiments for Applied Brain and Cognitive Sciences I, II, Brain and Cognitive Sciences Seminar

Careers Paths

Many of our graduates enter graduate schools, law schools, or medical schools. Most of our students build their careers at science or technology related government bodies, administration or politics related government bodies, multinational corporations in Korea and abroad, major businesses, or patent law firms.

Special Features

Brain & Cognitive Sciences Lecture Series: We invite eminent figures in the field for special lectures on research trends.



International Studies

Ewha's Division of International Studies (DIS) was founded in March of 2001 as the first of its kind in Korea. The goal of DIS is to nurture global leaders. As the first English-only undergraduate program to be established in Korea, all lectures are conducted in English. Our program is multidisciplinary, as students learn economics, political science, business management, history, and law and develop their analytical abilities to examine the theories in international studies. DIS is designed to produce global leaders who can work in trade negotiations, multinational corporations, and international organizations. Our courses are designed to be equivalent in quality to those of other prestigious universities abroad.

Main Courses

Quantitative and Financial Analysis, Principles of International Marketing, Microeconomics Macroeconomics, International Law, International Business Law, Globalization and Culture, International Organization and Global Governance, Politics and Diplomacy of Korea, International Political Economy, East Asian History & Civilization, International Trade & Investment, International Financial Management, International Marketing, Human Resource Management, International Monetary Economics, International Trade Law, Public International Law, International Relations in East Asia, International Security and Peace, International Society & Public Diplomacy, East Asian Culture & Thought, Political Economy of East Asia, Global Strategic Management, International Economic Development, Special Topics in East Asian Studies, Politics and Diplomacy of China, Contemporary Issues in East Asia, U.S.-China Relations

Career Paths

Many graduates continue their academic studies in graduate school in Korea and abroad. International Studies graduates also work for private corporations in Korea, financial institutes, international organizations, multinational corporations, media outlets, consulting agencies, and many other entities.

Special Features

DIS Concentrations: Students who satisfy the credit requirement for graduation are awarded DIS Concentrations certificates by the Dean of DIS and the Dean of Scranton College. DIS has three concentration areas, and students must complete 18 credits or more in each concentration area and maintain a GPA of at least 2.7 in order to qualify for the certificate.



Korean Studies

Korean Studies is a new multidisciplinary program established in March of 2015. Our program contains both the arts and social sciences. All lectures are given in English. The goal is to produce experts in Korean studies in this global era with proficient knowledge of Korean society, economy, culture, literature, and history. Our program will nurture students to become global leaders in Korean studies with expertise in Korean society and culture.

Main Courses

Advanced Topics in East Asian Religion, Contemporary South Korean Fiction, Ethnographies of East Asia, Everyday Life in Modern Korea, Government and politics of East Asia, Introduction to Korean Music, Korean Business Ethics, Korean Cultural Heritage, Korean Diaspora, Korean Film and Media Studies, Korean Landscape and Urban Space, Korean Studies Workshop, Korean Traditional Art, Language and Culture of Korea, Multiculturalism and Korean Society, North Korean Society and Culture, Reading Academic Korean I&II, Sociological Topics in Contemporary Korea, Special Topics in Korean Studies I&II, Survey of Korean Literature, Thematic Approaches to Korean Culture I&II, Traditions of Political Thoughts in East Asia, Understanding Korean Religion, Understanding Korean Society, Women and Gender in East Asia

Careers Paths

The graduates of Korean Studies may pursue higher degrees in graduate school, law school, or business school in Korea or abroad; or apply for jobs in international organizations, private corporations, media outlets, government agencies, private institutions, cultural businesses, and many other entities.

Special Features

Korean Studies Lecture Series: Our program invites Korean studies scholars, writers, business leaders, diplomats, and other respected figures regularly for special lectures. Students can learn from their research, achievements, and experiences. It is an opportunity for students to listen to the experiences of lecturers and have them as mentors.



THE GRADUATE SCHOOL

GRADUATE DEGREE PROGRAMS



Art History

Overview

Art history is a field of study that analyzes and studies artwork of the East and West by focusing on the format, iconographics, psychology, social history, and semiotics, with humanities (literature, history, and philosophy) and social sciences (economics, sociology, and psychology) as its foundation.

Educational Aims and Objectives

In order to train professionals who will lead the creative art culture, our Art History department follows the ideals of education in Korea and the Christian values of truth, goodness, and beauty. With those values at the core, the department has the following goals:

1. To cultivate specialized knowledge in the history of art through various methodologies such as approaching the format, iconographics, social history, psychology, and semiotics of art
2. To equip students with the ability to interpret and criticize art works with knowledge in history and empirical viewpoints by offering field training at excavation sites and other related locations
3. To develop practical skills through field experiences so that students can become art professionals who will conduct research or teach at universities or research institutes; utilize their skills as curators at museums or art galleries; or work as an art expert in the media

Career Paths

Graduates of the department work in diverse areas. Many of the graduates find themselves teaching art history at colleges, universities, or art schools throughout the country. Some find curatorial positions in museums or galleries or in other cultural institutions. Others conduct research on art history at relevant institutions. Reporters, columnists, or editors of art-related specialty books are other occupational options.

Women's Studies

Overview

Women's Studies focuses on human life from the female perspective. This area of study started by critically questioning how the existing knowledge system was built and from which viewpoint. The purpose of the study is to provide a guideline for the future society without gender discrimination by understanding and interpreting women of the past and present. In addition, the study focuses on gender, sexuality, class, race, region, and other differential categorizations, and the problems in the power system in which such differences are deeply embedded. By doing so, the study offers insights that will eliminate all types of discrimination in our society. Ewha Womans University was the first in Asia to offer a complete academic department on Women's Studies and has produced 270 Master's degree holders and 30 Doctoral degree holders between 1982 and 2007. Currently, Ewha's Women's Studies graduates are playing pivotal roles in the 21st century as leaders in many areas of our society.

Educational Aims and Objectives

The goal of Women's Studies is to analyze various social conditions related to gender recognition and gender discrimination, search for possible solutions, and put them into action. Women's Studies develops interdisciplinary research methods and promotes interaction among different fields of study. The department focuses on the marginalized who have been overlooked under the name of universality, and questions the process and the viewpoints used to build the existing knowledge system. The purpose of Women's Studies program is to focus on the discrimination that exists at many levels and subsequent sufferings of the affected people; it also seeks to produce new interpretations on the reality from the female perspective. Our department is committed to training female researchers and leaders in various fields.

Career Paths

Our graduates go into gender research or policy-making. Many also work at welfare facilities or non-profit organizations.

Child Development

Overview

The Child Development department integrates theoretical and practical lessons on children's social, emotional, cognitive, and physical development in order to train professionals in child care, child related policies, and child-parent counseling. Since the department relates child development to other social science fields, students are encouraged to take courses in Psychology, Early Childhood Education, Health Management, Social Welfare, Sociology, Medicine, and Nursing. By conducting research as a part of the department and building professional knowledge in the field, students become experts on child development, child care, child-parent consulting, child-adolescent development, child development related software development, and child-family policy development.

Educational Aims and Objectives

- Our goal is to train professionals in child care and child-parent consulting who will contribute to healthy development of children. We encourage students to conduct child development research focusing on parent-child relationship, peer relationships, and social environment.
- Our department focuses on parent-child and family relationships and peer relationships, based on the developmental features and process for each stage of childhood—from pre-birth stage to infancy, toddler period, early childhood, school age, and adolescence.
- Our curriculum includes practical teaching methods to better understand and improve child development.
- We study the characteristics of family, community, and society that support a child's development.
- The purpose of our department is to understand various issues that children encounter in each developmental stage, and to train experts in consulting, education, and policy making who can address those issues and guide the children. Serving such purpose will contribute to better welfare for families.



Career Paths

The following are careers our graduates have entered: teacher; child counselor (level 1)/child counseling expert; child development expert (Korean Association for Child Studies); play therapist/play therapy expert/sand play therapist; youth counselor (Korean Youth Counseling Institute); researcher for infant parent training; infant parent training center facilitator; researcher for child development and family; researcher for a social survey organization, child-related enterprise, the Ministry of Gender Equality and Family, the Ministry of Health and Welfare, and other government bodies; researcher for the Child and Adolescent Psychiatric Center; planning editor for a children's literature publishing company; and software designer for child development departments.

North Korean Studies

Overview

Ewha Graduate School's North Korean Department was founded in 1998 as a graduate school collaborative course and became North Korean Studies in 2013. The purpose of North Korean Studies is to train female scholars and experts on North Korean issues who can not only take part in many different research institutes around the globe and national organizations, but also support the establishment of a branch school in Pyongyang. Our curriculum includes courses in political science, economics, sociology, women's studies, philosophy, and other fields of study. We invite well-respected figures in the field for special lectures. In addition, North Korean interdisciplinary course has been offered at the undergraduate level since the fall of 2000; Ewha's undergraduate students can now select North Korean Studies as a double major or a minor.

Educational Aims and Objectives

- To train female scholars and experts on North Korean issues to work at universities around the country
- To train female experts on unification of the Korean peninsula to work in research institutes and national organizations
- To train experts in North Korean education and women issues who can contribute to the democratization of North Korea after unification
- To train professionals to establish a branch school in Pyongyang

Career Paths

The following are some of the careers our students have chosen: professors and lecturers in related fields, professional researchers at organizations such as the Institute for National Unification, specialized reporters and journalists on North Korean issues, experts working for companies investing in North Korea, experts working for government bodies, and North Korean specialists in foreign organizations.

✳ **Affiliated Research Institute: The Unification Institute.**

Communication Disorders

Overview

The Department of Communication Disorders has led research on communication disorders in Korea. The department is designed to explore the sciences of human speech, language, and hearing and seeks new ways to prevent, diagnose and treat related communication disorders. Our Master's program prepares students for the national certification for communication experts, and our Doctoral program focuses on research on speech, language, and hearing. Our department has produced numerous speech therapists, communication experts, and educators since 1995.

Educational Aims and Objectives

- To cultivate respectful character traits and a sense of responsibility in our students who will become therapists for speech disorders
- To help students not only understand the key concepts and theories on communication disorders, but also develop their ability to apply their knowledge in the field
- To train students with the ability to diagnose and treat speech disorders in children and adults as well as conduct research and administer departments
- To train students to develop diagnosis and treatment systems for communication disorders in the future and to utilize high-tech treatment tools

Career Paths

Many of our students are actively working in ENT, neurology, pediatric psychiatry, and rehabilitation departments of hospitals. Welfare facilities for the community, the elderly, and people with disabilities are also places where our graduates work. Others work at educational institutes such as public schools, special schools, and kindergartens. Many also have become experts in communication disorders working at university affiliated or private communication disorders treatment centers.

Law

Overview

Department of Law is one of the best institutions in Korea for academic research and legal education. Thirty-nine professors (including one chair professor) in the law school are all accomplished scholars well-recognized for academic excellence in their respective fields. The Law School has a law library with over 100,000 volumes of legal books, while the digital library has a variety of digital legal collections from the Unites States, Germany, Japan and other countries. It not only specializes in traditional law fields such as constitutional law, civil law, criminal law, business law, administrative law, labor law, international law, but also in emerging law fields such as e-commerce law, intellectual property law, international human rights, international criminal law and gender law. The Law School has a reading room for graduate students at the law library as well as seminar rooms, computer lecture rooms and an advanced multi-media lab. The department offers teaching assistantships and scholarship opportunities for graduate students. Department of Law has awarded 420 Master's and 54 Doctoral degrees. Furthermore, an increasing number of alumnae are receiving Ph.D.s from other prominent Korean and foreign universities after earning a Master's degree from the Department of Law.

Educational Aims and Objectives

Department of Law aims to produce female legal professionals who serve the community and to enhance women's social status on the basis of the Christian spirit. The specific goals of the department are as follows:

1. To nurture students' ability to study, analyze, and critic current civil society through law and justice and to provide a future direction for our society
2. To promote students' understanding of various conflicting interests in our society and to enhance their ability to apply legal procedures to settle disputes through democratic means
3. To enhance the problem-solving ability of students by teaching statutory interpretation of positive laws and examining a wide-range of case studies
4. To produce qualified legal professionals who will become leaders in the international community, by enhancing the ability to settle international disputes and trade disputes in accordance with international law and international trade law procedures

Career Paths

The alumnae of Department of Law work in the fields of law, academia, education, administration, diplomacy, politics, finance, business, legal aid, and others. Graduates work as law professors, researchers or lawyers.



Music Therapy

Overview

The Graduate Department of Music Therapy offers Master's, Doctoral, and Integrated degrees in Music Therapy. While students can receive an M.A. in Music Therapy, Ph.D. students have a choice of specializations: Pediatric Music Therapy, Adult Music Therapy, and Geriatric Music Therapy. Ewha is the very first university to launch the Department of Music Therapy in the country, offering an M.A. in Music Therapy, and Ph.D. in Music Therapy.

Educational Aims and Objectives

The purpose of the department is to educate students with the knowledge and practices of music therapy that are necessary for better health and lifestyle of modern people. Our curriculum is designed to train specialized music therapists and educators with the following objectives in mind:

1. To train students with theoretical knowledge and practical skills on therapeutic functions of music
2. To cultivate students' abilities to assess the developmental functions of music and research capabilities on the topic
3. To train students to understand effects of music on psychological therapy, rehabilitation, and social emotions of modern people, and to educate students with knowledge on effective music therapy data and content development

Career Paths

Our graduates enter careers in educational departments such as after-school classes at elementary, middle, and high schools; special education assistance centers; special organizations for therapeutic education for children. Some graduates utilize their skills at psychological consulting institutes such as consultation centers, community welfare centers, and mental healthcare institutes; or at medical institutions including psychiatric neurology centers, rehabilitation clinics, and oriental medical clinics. Others apply their talents as researchers working at various research institutes and universities, specializing in education, sensory integration, music neurology, and other related topics.

Life & Pharmaceutical Sciences

Overview

- In the knowledge-based society of the 21st century, the biopharmaceutical industry is the new growth engine of the next generation with the potential to create great levels of added value. A new era of integrated life sciences is emerging, which refers to the convergence of information technology, nano technology, and other latest forms of technology with bio-technology including medicine and pharmacy. To adapt to the changes in the field, we have integrated the Molecular Life Science Division of the Graduate School, Graduate School of Pharmacy, and parts of the Life Science Department in the College of Natural Sciences; these studies have been transformed into the new interdisciplinary Division of Life & Pharmaceutical Sciences which focuses on the education and research on the latest topics in life sciences.

- The Graduate School Division of Life & Pharmaceutical Sciences constitutes two majors: Life Science and Pharmaceutical Science.

- Some unique characteristics and strengths of the Division of Life & Pharmaceutical Sciences are as follows:
 - Interdisciplinary education and research on high-tech/integrated life sciences that benefit the new paradigm of life sciences convergence
 - Outstanding education and research environment with research facilities equipped with the latest technology, dormitories, etc
 - Scholarships and financial assistance as well as short-term and long-term study abroad opportunities to all graduate students
 - Publications in numerous prestigious academic periodicals such as Science, Nature, and Cell

Educational Aims and Objectives

The primary purpose of the Division of Life & Pharmaceutical Sciences is to provide education and research opportunities on life sciences based on the academic convergence of life science, pharmaceutical science, informational science, and medicine. The specific goals of education are as follows:

- To provide an interdisciplinary education and research opportunities in various fields of study, suitable in the era of life sciences convergence

- To cultivate complex research capabilities required by the new paradigm of life science and pharmaceutical science
- To train female professionals who will lead future life science research and development of new medicine

Career Paths

Graduates of the Division of Life & Pharmaceutical Sciences, which was formerly the Department of Molecular Life Science and the Graduate School of Pharmacy, utilize their knowledge and skills in many fields of academia and industry. Some examples of professions which our graduates have chosen are: professors at universities in Korea and abroad; and researchers at public institutes (e.g., Ministry of Food and Drug Safety, local health environment research centers, National Forensic Service, life science research institutes, National Institute for Environmental Research, Korea Intellectual Property Office), corporate research institutes (e.g., Samsung, LG, SK, KCC), research institutes of pharmaceutical companies (e.g., JW Pharmaceutical Corporation, Schering-Plough, Hanmi, Donga, Daewoong, Pacific, Green Cross), and patent law firms. Some of our graduates also continue their academic training abroad.



EcoScience

Overview

The Division of EcoScience takes a comprehensive approach to studying the patterns of time and space in organisms. This field of study hence requires both the analytical methodology of natural sciences and the holistic approaching of social sciences. EcoScience focuses on various environmental issues that threaten the survival of humankind such as climate change, declining bio-diversity, and pollution in the ecosystem and the human environment. EcoScience also conducts multi and interdisciplinary research on ecology, natural sciences, engineering, nursing science, ethics, history, law, and policy in order to suggest solutions to the environmental issues.

Ewha is renowned for its excellence not only in microbiology, or molecular biology but also in macro-biology. With our expertise in these areas and the recent development of an outstanding environmental engineering department, our EcoScience Division has the potential to become the best EcoScience department in the country. When the professors in nursing science join the collaboration between natural science and engineering, our department will expand to include studies on epidemiology and the prevention of contagious diseases, such as Avian Influenza (AI), which are expected to worsen in the coming future.

Educational Aims and Objectives

The primary goal of the department is to train female professionals who can meet the demands of the rising trends which prioritize the preservation of the ecosystem and improvements in the human living environment. Undeniably, environmental issues are one of the most significant threats facing humankind in the 21st century. Yet, it is also the case that not much research has been done on the ecosystem and the environment in Korea, despite the fact that those are the very elements that can guarantee with us quality life styles in the midst of rapid economic growth. Now that Korea is joining the ranks of advanced countries, it is critical to develop these areas that have been neglected. Ewha Womans University has established the Division of EcoScience in order to nurture female leaders in this newly emerging blue ocean.

Career Paths

Research on the ecosystem and the environment is growing in importance, and the demand for experts in the field is also growing. After graduation, our students work for various entities such as universities in Korea and abroad, national research institutes (e.g., National Institute of Biological Resources, National Institute of Environmental Research, National Institute of Ecology, Korea National Park Service, Korea Environment Institute, National Institute of Forest Science, Center for Disease Control), government bodies (e.g., Ministry of Environment, Korea Forest Service, Korea Meteorological Administration, Ministry of Health and Welfare), zoos and botanical gardens, science related broadcasting systems, exhibitions and natural history museums, and science museums.

Brain & Cognitive Sciences

Overview

Brain and cognitive sciences is a promising field of study that has the potential to become the next growth engine. After the Brain & Cognitive Sciences department was founded within the Ewha Graduate School in March of 2010, Brain & Cognitive Sciences undergraduate major was established within the Scranton College Convergence Studies Department in March of 2015 as the first of its kind in Korea. Scranton College Convergence Studies Department's Brain & Cognitive Sciences curriculum is designed to educate students with specialized knowledge and encourage multidisciplinary approaches, integrating the humanities, social sciences, natural sciences, engineering, and medicine with brain and cognitive sciences. In short, the department aims to nurture talented individuals with creative problem-solving abilities who think outside the box. Such characteristic is unique in an undergraduate curriculum. Ewha is thus expected to produce many female leaders in convergence studies in the coming future.

Educational Aims and Objectives

The Brain & Cognitive Sciences Division is the first in Korea that was created to study and understand the brain through multidisciplinary approaches. Our curriculum offers education in-depth to train multidisciplinary individuals needed in society. The goal of our department is to produce not only scientists in brain and cognitive sciences, but also experts in medicine, life science, social sciences (psychology, law, economics, business administration, etc.), and engineering and brain and cognitive sciences convergence.

Career Paths

Some of our graduates enter graduate schools in Korea and abroad or specialized graduate schools such as medical and law schools. Many of them work for government bodies related to science and technology, corporations, or multinational corporations in life science and medical sectors. Others become patent attorneys, producers, journalists, or other professionals in the field.



Atmospheric Science & Engineering

Overview

- Atmospheric Science and Engineering addresses various atmospheric issues such as weather and climate, and physical and chemical phenomena in the atmosphere using mathematics, physics, chemistry, biology, and other basic sciences; field observations; remote sensing; numerical models; scientific computation; super computers; high-speed communication network; and other forms of latest technology.

- The area of Atmospheric Science and Engineering is growing in its importance as the frequency and intensity of natural disasters caused by climate change increase. Now the demands for professionals who are not only competent in technical areas such as weather and climate, water resources, disasters, remote sensing, and numerical modeling, but also prepared to utilize their knowledge and skills on the global stage such as the Intergovernmental Panel on Climate Change, UN Framework Convention on Climate Change, Global Framework for Climate Services, and World Meteorological Organization are growing significantly. In order to meet these demands, the Division of Atmospheric Science and Engineering was founded in 2012, training many students in Master's and Doctoral departments since then.

- The high demand for female experts on atmospheric science and engineering is not just a domestic trend, but also an international one. In cooperation with the World Meteorological Organization, we are currently educating female public officers in climate and weather related sectors in developing nations. We have developed many academic exchanges with respected educational and research institutes such as MIT and conducted joint research with the Ewha Regional Disaster and Weather Forecast Technology Center, Research Center for Climate & Environmental Changes, and other research institutions. In addition, our department offers a specialized internship opportunity for the first time in Korea to help students start their careers in related organizations after graduation.

Educational Aims and Objectives

The Atmospheric Science and Engineering department aims to train female atmospheric scientists and engineers, in line

with the educational goals of Ewha College of Engineering. The following are the specific goals of our department:

1. To train female atmospheric scientists with advanced scientific researching capability and specialized knowledge, who will work for many atmospheric science and engineering organizations
2. To train professionals needed in many government bodies or international organizations related to the weather, climate, and atmospheric water
3. To train professionals who can make predictions on climate change and contribute to the monitoring and policy making of climate change
4. To become a higher educational institution where public officers for climate in developing countries in the Asia Pacific region can improve their competencies

Career Paths

Upon graduation, our students work for various institutions such as government bodies related to weather, climate, and the environment (Korea Meteorological Administration, Ministry of Environment, etc.); public research institutions (National Institute of Meteorological Research, Korea Polar Research Institute, Korea Institute of Ocean Science & Technology, National Institute of Environmental Research, Korea Aerospace Research Institute, Electronics and Telecommunications Research Institute, Korea Environment Institute, etc.); government funded agencies and affiliated research institutes (Korea Water Resources Corporation, Korea Electric Power Corporation, etc.); climate related businesses (weather information companies, meteorological equipment companies, etc.); international organizations (World Meteorological Organization, APEC Climate Center, Green Climate Fund, Global Green Growth Institute, etc.); and foreign research institutes (NASA, National Center for Atmospheric Research, National Centers for Environmental Prediction, UK Met Office, Commonwealth Scientific and Industrial Research Organization, etc.). Most of our students become experts on weather and climate, choosing careers such as university professors, weather casters, science journalists, and climate advisors.

INTER- DISCIPLINARY PROGRAM

GRADUATE DEGREE PROGRAMS



Area Studies

Overview

In the truly globalized 21st century, Korean society needs talented individuals with a broad vision of the global community and an in-depth knowledge of other parts of the world. In order to meet the demands of our time, Ewha Area Studies department was founded on March 1st, 1996, as the first of its kind in Korea, with the goal to train female experts in area studies.

Educational Aims and Objectives

The goal of our department is to produce female experts in the field who understand the importance of politics, economics, and culture in global cooperation and conduct research for a more harmonious world.

Career Paths

Many of our graduates work for public corporations, research institutes in Korea and abroad, universities, government bodies, media agencies, multinational enterprises, international organizations, or non-governmental organizations.

Bioethics Policy Studies

Overview

Bioethics Policy Studies was created in March of 2007, in order to train talented individuals who will lead the development of life science and medicine and establish effective policies. As life science technology advanced ethical issues have risen more frequently. More recently, issues in human rights for women have drawn more attention. Some notable trends are: (1) the growing number of new ethical issues due to the development of medical sciences, (2) the necessity of stricter standards for research and application of life science technologies, and (3) the increasing need for socially acceptable policies on bio-ethics. But despite such trends, we do not have enough experts in this field of study. That is why our society has great expectations of Ewha graduates, and their talents are important for us all. We offer both Master's and Doctoral departments.

Educational Aims and Objectives

Our department aims to train experts in biomedical ethics, research ethics, biomedical law, bio-ethics policy, and bio-ethics education. The specific goals of our departments are as follows:

1. To train ethics experts who strive to address real-life problems through multidisciplinary education and research in law, medicine, biology, philosophy, women's studies, public administration, and science education; experts on law and policy who work for coexistence of scientific developments and ethics; and educators who promote both respect for life and scientific developments.
2. To train experts strong in theory and practice by collaborating with the Research Institute of Biomedical Law which was selected to receive funds from the National Research Foundation of Korea's 2012 Humanities and Social Sciences University Research Center Funding Project.

Career Paths

Upon graduation, many of our students become professors or researchers of bioethics at schools, research institutes, medical institutions, clinical trial centers, and pharmaceutical companies. Most of our graduates build their careers in bioethics, law, and education sectors.

East Asian Studies

Overview

Unlike many current research efforts that focus on a particular country in East Asia, East Asian Studies compares and contrasts the unique characteristics of East Asian countries by focusing on the East Asian civilization as a whole. The study examines not only a specific country in the region, but also its characteristics in relation to neighboring countries. The program takes a multi-dimensional approach on a given topic, by examining the culture, tradition, ideology, politics, society, and economy of the region.

Educational Aims and Objectives

Our department aims to train experts in East Asian studies, ideology, politics and economics, social research, culture, and international relations. The specific goals are as follows:

1. To help students to accumulate specialized knowledge in East Asian studies.
2. To train students to interpret and understand the languages, which are the basis of East Asian Studies.
3. To encourage students to conduct academic research.

Career Paths

Our students have a variety of career options: many become researchers or professors of East Asian Studies at universities abroad, educators of East Asian Studies at colleges in the country, or researchers at related research institutes.

Gifted Education

Overview

This collaborative program on gifted education (Master's Doctoral, and collaborative curriculums) teaches students not only the necessary knowledge, teaching methods, and tools to identify and assesses gifted individuals, but also educational contents and teaching methods to nurture leadership required from future technocrats.

Educational Aims and Objectives

Ewha's Gifted Education department aims to train female experts. The specific goals of our department are as follows:

1. To train students to identify gifted individuals as early as possible and to cultivate creative thinking and sensing capabilities in them.
2. To train educators who can help their students develop solicitude, teamwork spirit, responsibility, ethics, and other positive character traits, so that those students can become contributing members of future society.
3. To encourage students to come up with new methods that can improve their creative problem solving and identifying abilities.

Career Paths

Our graduates have a variety of career options: teachers at public and private elementary and middle schools; researchers at institutes for gifted education or relevant businesses; teachers for after-school classes or youth training centers; instructors at institutes for continuing education or community centers; and experts on gifted education policies and research.

Multicultural/Intercultural Studies

Overview

Multicultural/Intercultural Studies was founded in 2014 to train talented individuals who will lead the next academic generation in the multicultural Korean society. The department includes courses on languages, culture, psychology, and education, in order to train professionals who can introduce relevant policies. Our curriculum is designed to take a multidisciplinary approach on identifying and addressing the issues of multicultural societies and to prepare students for the upcoming changes in the Korean society. It is notable that our department continues to seek for new ways to understand multiculturalism. In particular, our department takes new approaches that integrate European mutual culture approach and conventional multicultural approach.

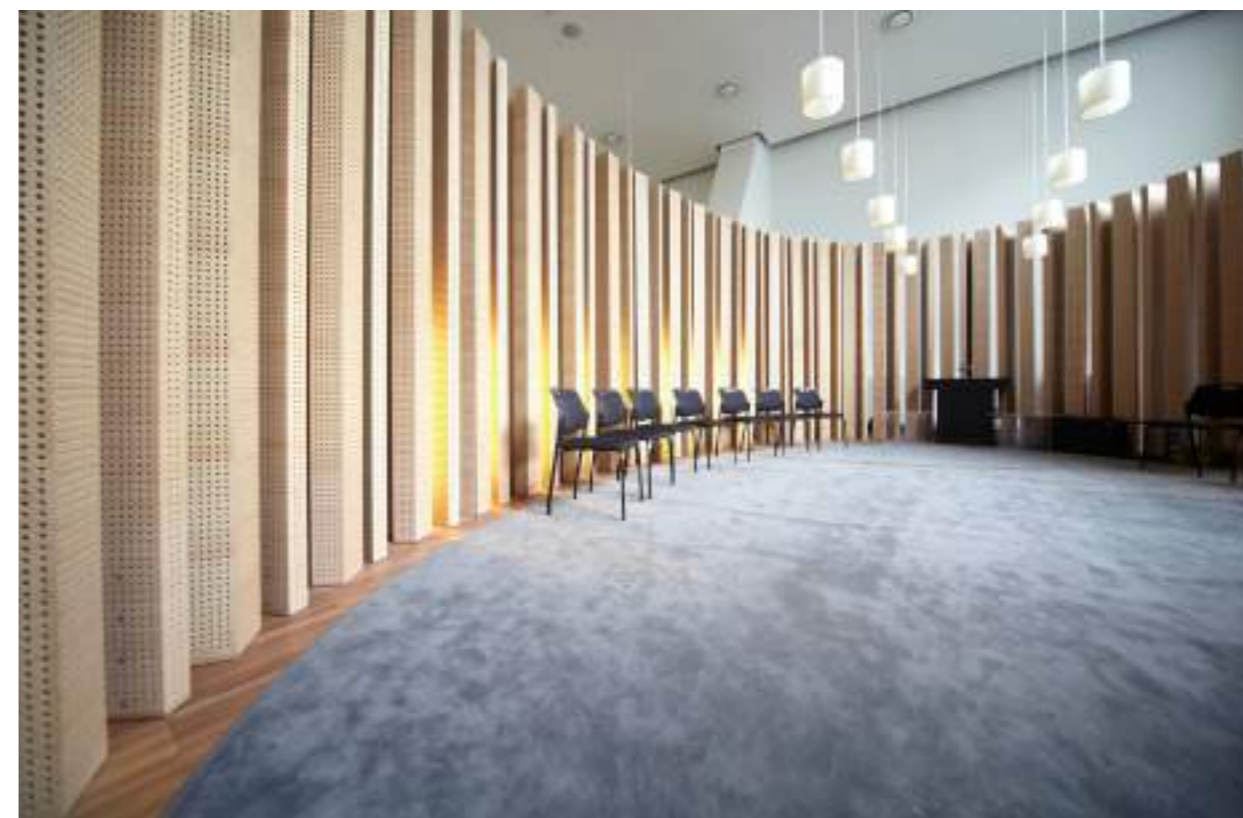
Educational Aims and Objectives

Multicultural/Intercultural Studies is a multidisciplinary course that aims to prepare students for Korea's rapid changes in becoming a multicultural society and train them as experts who will understand the Korean society and introduce appropriate policies. The following are the specific educational goals:

1. To conduct academic research on the current state and the future of multicultural society in Korea and other countries
2. To train experts on multicultural society who can offer good education in the field
3. To encourage cultural exchanges between residents and immigrants

Career Paths

Graduates apply their academic knowledge and skills to become professors or researchers in relevant fields. Many of our graduates also become policy makers, community activists, or other professionals in the field.



EcoCreative

Overview

- EcoCreative is an interdisciplinary department for educating outstanding integrated individuals (EcoCreators) who can creatively apply their knowledge on biological resources and ecology. For this purpose, the Department of Ecoscience, Department of Industrial Design, Department of Media Studies, and the College of Education have partly combined to form a graduate department, based on the integration of various academic disciplines. Through this department, we are making various attempts to actively investigate the mysteries of nature and to apply the mechanisms of nature to different fields. Starting with applications in industrial design, public design, multimedia, science exhibition, science education, ecotourism, and environmental policy, we tend to expand the applied fields in the near future.

- Four majors of EcoCreative are Ecosystem Science, Ecosystem Education, Ecodesign, and Ecomedia. Students majoring in Ecosystem Science and Ecosystem Education will receive a degree in science, students majoring in Ecodesign will receive a degree in design, and students majoring in Ecomedia will receive a degree in arts.

- The unique strengths of our EcoCreative department are as follows:

1. Interdisciplinary education and research that follow the national goal of creative economy
2. Scholarships and study abroad opportunities (including international academic conferences) funded by the BK21 Plus Project

Educational Aims and Objectives

Our interdisciplinary department has a vision to develop women as integrated leaders who can develop alternatives for sustainable development, which is threatened by resource depletion, climate change, and industrialization. The specific goals are as follows:

1. To secure a creative economic graduate school education system on the basis of Ecoscience
 - Managing the integrated education to cultivate specialists in Ecodesign, Ecodocumentary, Ecoeducation, Ecoexhibition and Ecotourism based on biological resource and ecology
 - Developing a system dynamics education department for maximizing the communication capacity between academic

disciplines

- Developing an education department to lead the integrative education of elementary and middle school education based on Ecoeducation
- 2. To cultivate female "Ecocreators."
 - Cultivating specialists to lead the future industry with creative problem solving abilities
 - Fostering founders making use of realization of arts and women's delicacy based on principles of natural ecosystem
- 3. To support start-ups by building a creative academy
 - Increasing the number of lecturers in charge of establishment incubator
 - Building an ecocreator network consisted of eco-friendly businessman, interdisciplinary professors and graduate students
- 4. To reinforce research capability to search for alternative environmental policies
 - Developing an education methodology which allows integration of various fields such as politics, economy, sociology, and culture connected to environmental policy issues
 - Focusing on specialized eco-social resilience research on environmental policy
 - Developing a scholarship network with overseas prominent research centers to learn about global research trend

Career Paths

Graduates of this department may work actively at related academic and industrial institutions. Examples include national research centers (National Institute of Ecology, Province/city Health Environmental Research Center, Institute of Life Science, National Institute of Environmental Research, Korean Intellectual Property Office, etc.), institutes of research, and major company research centers (Samsung, LG, SK, KCC, etc.). Many can work as environmental policy specialists, ecosystem amenity specialists, ecosystem conservation management researchers, ecosystem miniaturists, wild animal ecosystem conservationists, forest commentators, aquarists, field study instructors, life science researchers, government employees, natural environment guides, photographers, publication planning specialists, writers, eco-storytellers, eco-specialized reporters, eco-specialized media producers, eco-animators, eco-curators, advertisement and marketing specialists, PR managers, journalists, performance planners, editors, or developers of textbooks and teaching materials, among others.

Bio-Information Science

Overview

- Bio-information science (BIT) is an interdisciplinary field integrating the latest computer engineering techniques and statistical approaches, in order to analyze large sums of bio-data such as genome maps. Since human genome mapping was completed in 2003, the importance of the study has grown. During the recent decade, the study has advanced into system biology that seeks to decipher biological phenomena by taking a more holistic approach rather than simply processing large sums of data; such changes placed bio-information science at the center of life science research. The interdisciplinary department of Bio-Information Science was established at both undergraduate and graduate levels by merging life science, computer engineering, statistics, and mathematics; the primary focuses of the department are analyzing individual genome maps, and customizing medical treatments based on genomics and biomedical sciences with big data analysis.

- The unique strengths of our department can be summarized as the following:

1. Interdisciplinary educational curriculum and research suitable for the new paradigm of multidisciplinary life sciences
2. Practical training courses designed to cultivate problem solving skills and to help students enter the academia or the industry
3. Scholarships and other financial assistances as well as study abroad opportunities for students provided by the Ministry of Science, ICT, and Future Planning's BIT Talent Support

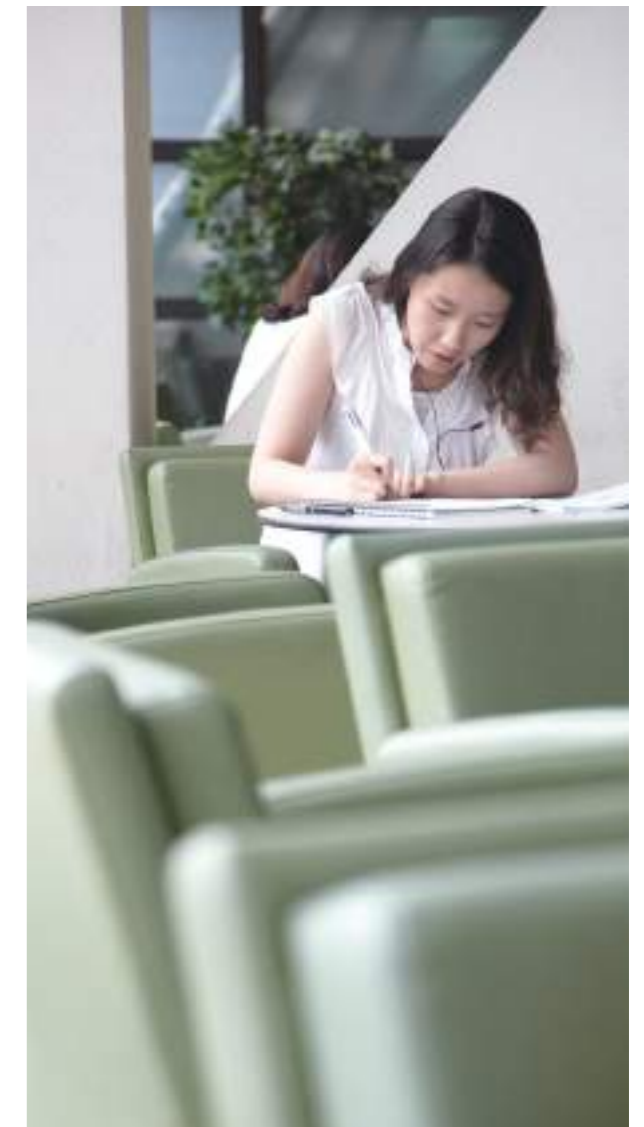
Educational Aims and Objectives

The purpose of our Bio-Information Science department is to offer a BIT convergence specialized curriculum that integrates genomics and systematic bio-information. The department aims to train professionals with both specialized knowledge and practical skills to lead biomedical sciences in the future.

Career Paths

Graduates work in various fields including life sciences, pharmacy, and medicine. They also have a variety of career

options: professors at universities, researchers at national research institutes (Korea Research Institute of Bioscience and Biotechnology, National Cancer Center, Electronics and Telecommunications Research Institute, etc.), corporate research institutes (Samsung Electronics, LG Electronics, SK Telecom, etc.), pharmaceutical companies' research institutions (JW Pharmaceuticals, Hanmi, Donga, Daewoong, Pacific, Green Cross, etc.), venture companies (Macrogen, DNA Link, Thera-Gen, etc.), and hospital research institutes (Samsung Medical Center, Asan Medical Center, Seoul National University Hospital, etc.). Some may choose to continue their studies at home or abroad.



Big Data Analytics

Overview

Big Data Analytics offers Master's and Doctoral programs that foster big data professionals needed in the world today. Excellent data scientists are trained in not only IT related techniques, but also data analyzing capability and business application abilities. That is why our department is designed to provide a multidisciplinary curriculum with courses on big data theory, business management, computer engineering, statistics, and social media.

For those students who wish to become data scientists, our department will provide both theoretical learning and practical training. We are certain that our graduates can become experts in the emergent field of big data and make significant contributions to our society.

Educational Aims and Objectives

The ultimate goal of the department is to nurture the best data scientists with strong competencies in technology, analysis, business, and problem solving. More specific goals are as follows:

1. To train professionals equipped with IT techniques, data analyzing capabilities, and business application abilities
2. To train professionals with both theoretical knowledge and practical skills
3. To train data scientists who will lead the big data market and develop new visions and methodologies

Career Paths

Our students have a wide range of career options: data analysts or database managers for businesses, internet based companies, and public agencies; market trend and consumer analysts at marketing companies, business economics research institutes, Korea Meteorological Administration, etc.; big data establishment specialists, business analysis consultants, DB consultants, statistics modelling specialists at IT consulting, IT solution, and SI companies; and professors at universities.

Behavioral Socioeconomics

Overview

Behavioral Socioeconomics is rooted in the understanding that economic phenomena cannot be separated from social, cognitive, and behavioral factors. This field thus integrates economics, business administration, sociology, psychology, consumer studies, cognitive science, and life science to understand economic phenomena. Modern society requires talented individuals who have not only deep knowledge in a field but also integrated thinking abilities that encompass a variety of fields. Our department provides students with the methods to study economic phenomena and trains professional researchers and educators who can solve problems with behavioral socioeconomics. Our curriculum recognizes the importance of analytic methods and focuses on controlled experiments, multivariate analysis, categorical data analysis, vertical data analysis, social network analysis, big data analysis and data mining, complex research techniques, simulations, mathematical approaches, agent based simulations, visualization, and application tools. We also understand the importance of comparative history, observation, and other qualitative approaches. The faculty is actively engaged in diverse research and greatly interested in interdisciplinary education. Our curriculum encourages students and faculty to have more discussions and engage in joint research projects in order to enhance the students' competitiveness.

Educational Aims and Objectives

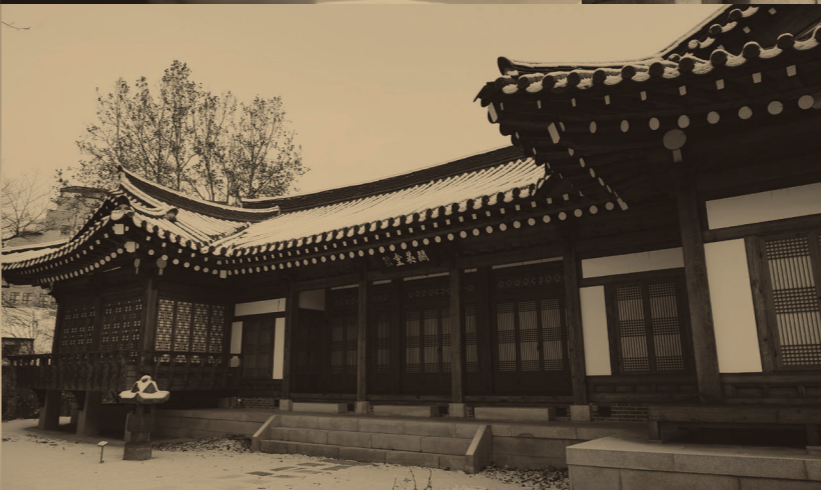
Behavioral Socioeconomics was established to provide multidisciplinary education and pursue research by integrating social sciences, cognitive science, life sciences, and other studies. The specific goals of the department are as follows:

1. To train experts, researchers, and educators on the social cause, recognition, organization, evolution, and complexities of economic phenomena.
2. To produce Master's degree holders with outstanding practical skills, and Doctoral degree holders who can advance this new field of study.
3. To conduct world-class research and expand academic exchanges with researchers in Korea and abroad.

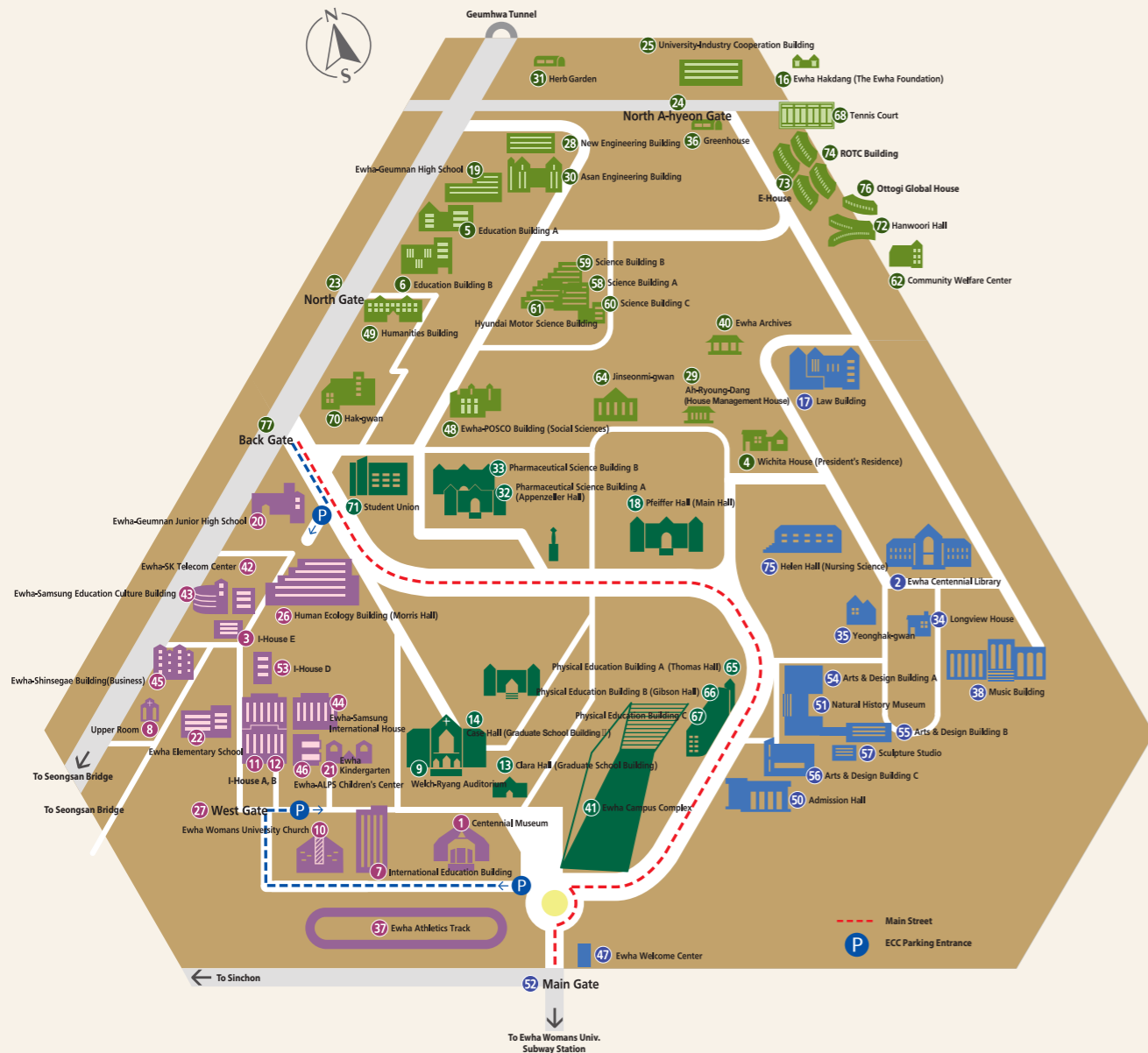
Career Paths

Behavioral Socioeconomics graduates may contribute their knowledge and skills as professors at universities or researchers at public research institutes, corporate research institutes (Samsung, LG, SK, KCC, etc.), businesses, financial institutions, and marketing and researching companies.





Ewha Campus Map



- 1 Centennial Museum
- 2 Ewha Centennial Library
- 3 I-House E
- 4 Wichita House President's Residence
- 5 Education Building A
- 6 Education Building B
- 7 International Education Building
- 8 Upper Room
- 9 Welch-Ryang Auditorium
- 10 Ewha Womans University Church
- 11 I-House A
- 12 I-House B
- 13 Clara Hall Graduate School Building
- 14 Case Hall Graduate School Building II
- 16 Ewha Hakdang The Ewha Foundation
- 17 Law Building
- 18 Pfeiffer Hall Main Hall
- 19 Ewha-Geumnan High School
- 20 Ewha-Geumnan Junior High School
- 21 Ewha Kindergarten
- 22 Ewha Elementary School
- 23 North Gate
- 24 North A-hyeon Gate
- 25 University-Industry Cooperation Building
- 26 Human Ecology Building Morris Hall
- 27 West Gate
- 28 New Engineering Building
- 29 Ah-Ryoung-Dang House Management House
- 30 Asan Engineering Building
- 31 Herb Garden
- 32 Pharmaceutical Science Building A Appenzeller Hall
- 33 Pharmaceutical Science Building B
- 34 Longview House
- 35 Yeonghak-gwan
- 37 Ewha Athletics Track
- 38 Music Building
- 40 Ewha Archives
- 41 Ewha Campus Complex
- 42 Ewha-SK Telecom Center
- 43 Ewha-Samsung Education Culture Building
- 44 Ewha-Samsung International House
- 45 Ewha-Shinsegae Building Business
- 46 Ewha-ALPS Children's Center
- 47 Ewha Welcome Center
- 48 Ewha-POSCO Building Social Sciences
- 49 Humanities Building
- 50 Admission Hall
- 51 Natural History Museum
- 52 Main Gate
- 53 I-House D
- 54 Arts & Design Building A
- 55 Arts & Design Building B
- 56 Arts & Design Building C
- 57 Sculpture Studio
- 58 Science Building A
- 59 Science Building B
- 60 Science Building C
- 61 Hyundai Motor Science Building
- 62 Community Welfare Center
- 64 Jinseonmi-gwan
- 65 Physical Education Building A Thomas Hall
- 66 Physical Education Building B Gibson Hall
- 67 Physical Education Building C
- 68 Tennis Court
- 70 Hak-gwan
- 71 Student Union
- 72 Hanwoori Hall
- 73 E-House
- 74 ROTC Building
- 75 Helen Hall Nursing Science
- 76 Ottogi Global House
- 77 Back Gate



EWHA WOMANS UNIVERSITY

Office of International Affairs

52 Ewhayeodae-gil, Seodaemun-gu, Seoul, Korea 03760

Tel +82-2-3277-3600/6988

Fax +82-2-364-8019

Homepage oia.ewha.ac.kr

E-mail oia@ewha.ac.kr