

The Graduate School of

Soongsil University

2020 ~ 2021 CATALOG



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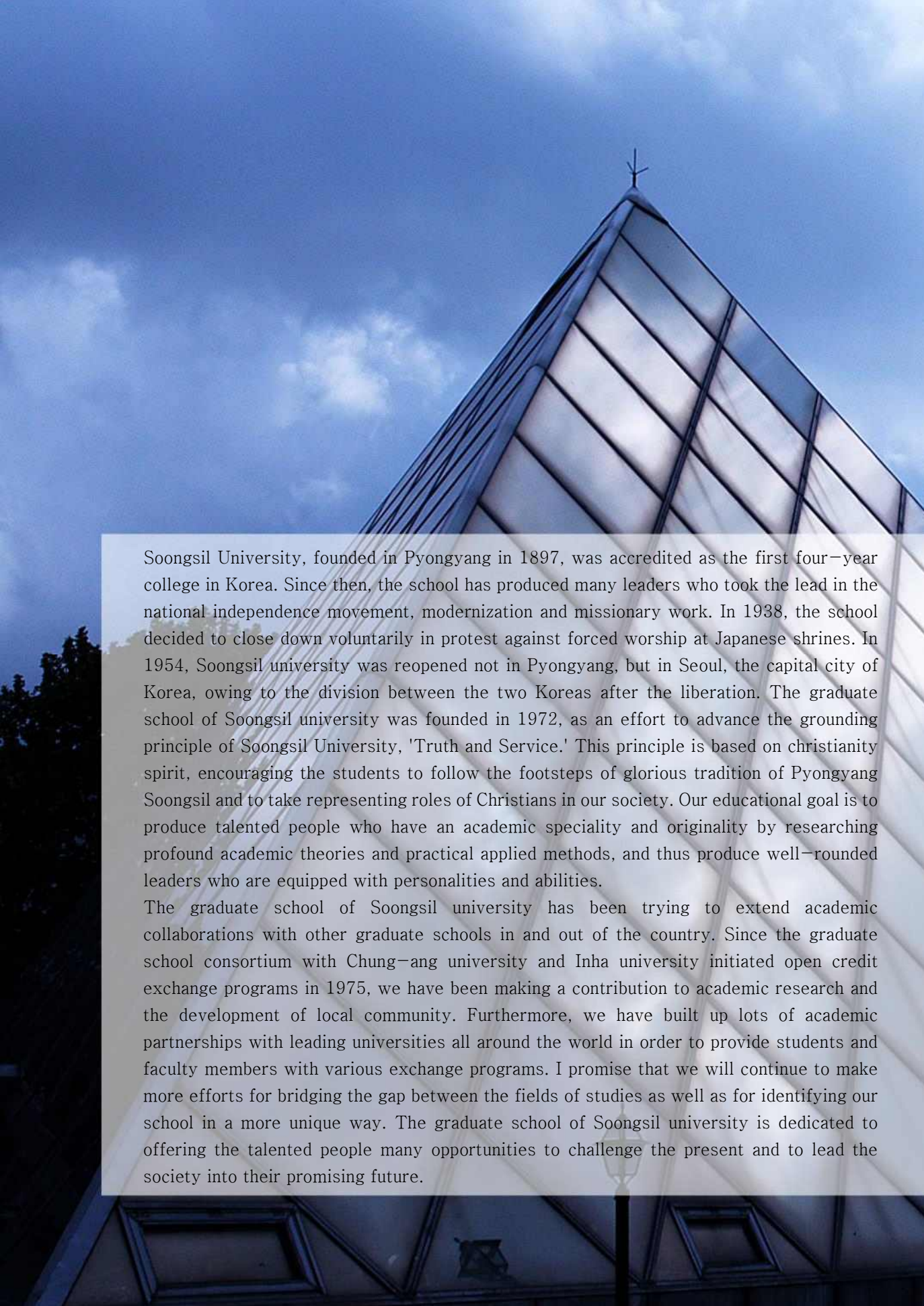
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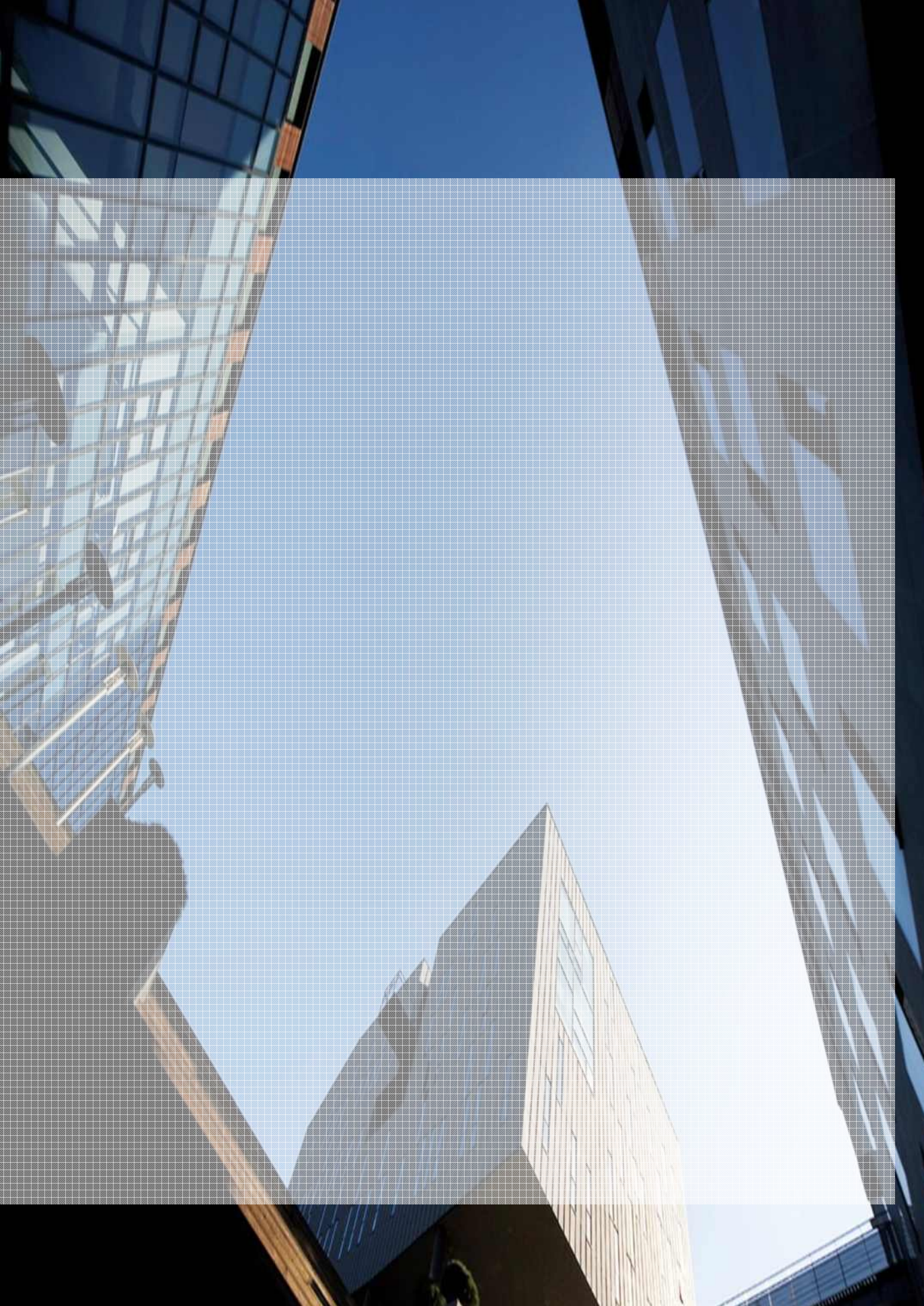
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Soongsil University, founded in Pyongyang in 1897, was accredited as the first four-year college in Korea. Since then, the school has produced many leaders who took the lead in the national independence movement, modernization and missionary work. In 1938, the school decided to close down voluntarily in protest against forced worship at Japanese shrines. In 1954, Soongsil university was reopened not in Pyongyang, but in Seoul, the capital city of Korea, owing to the division between the two Koreas after the liberation. The graduate school of Soongsil university was founded in 1972, as an effort to advance the grounding principle of Soongsil University, 'Truth and Service.' This principle is based on christianity spirit, encouraging the students to follow the footsteps of glorious tradition of Pyongyang Soongsil and to take representing roles of Christians in our society. Our educational goal is to produce talented people who have an academic speciality and originality by researching profound academic theories and practical applied methods, and thus produce well-rounded leaders who are equipped with personalities and abilities.

The graduate school of Soongsil university has been trying to extend academic collaborations with other graduate schools in and out of the country. Since the graduate school consortium with Chung-ang university and Inha university initiated open credit exchange programs in 1975, we have been making a contribution to academic research and the development of local community. Furthermore, we have built up lots of academic partnerships with leading universities all around the world in order to provide students and faculty members with various exchange programs. I promise that we will continue to make more efforts for bridging the gap between the fields of studies as well as for identifying our school in a more unique way. The graduate school of Soongsil university is dedicated to offering the talented people many opportunities to challenge the present and to lead the society into their promising future.



Graduate School of Soongsil University

Humanities &  
Social Science  
Humanities &  
Social Science

# Department of Korean Language and Literature

With the Christianity spirit based on the School's founding and disciplinary motto, Truth and Service, the Department of Korean Language and Literature aims to foster human resources who have useful knowledge and sincere personalities contributing to the community, and also cultivate talented people who can show the originality and creativity of Korean in the global culture. The Department of Korean Language and Literature guides students to perform more professional studies based on their academic capacities from undergraduate courses. We provide students with a high-quality academic environment so that they will get internal and external academic development through finding their own creative fields.

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## AREAS OF SPECIALIZATION

Details of major Korean Language, Korean Classical Literature, Korean Modern Literature, Korean Language and Culture is divided into parts. Undergraduate courses specialize in knowledge-based professional studies, encouraging highly academic research skills and a creative culture both inside and outside the academic discipline.

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## PROGRAM OF STUDY

Teaching is by a variety of lectures and seminars. Assessment is by written examination, assessed coursework, presentation, and a dissertation. In addition, literary Soongsil Research Conference held twice a year to date has been continued.

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## CONTACT INFORMATION

Department of Korean Language and Literature

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Website : korlan.ssu.ac.kr

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## COURSES

### Common Courses

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21600001	Studies in Old Korean
21600002	Studies in Middle Korean
21600003	Studies in Modern Korean
21600004	Studies in Present-day Korean
21600005	Studies in materials for Korean Linguistics
21600006	Studies in Modern Literary Criticism
21600007	Studies in Literary Genre
21600008	Studies in Modern Stylistics
21600009	Studies in Modern Literary Thoughts
21600010	Comparative Studies of Modern Literature
21600011	Studies in Sino-Korean
21600012	Studies in History of Oriental Literature
21600013	Comparative Studies of Oriental Literature
21600014	Studies in Classical Literary Material
21600033	Studies in Korean Oral Literature
21600016	Introduction of Korean Linguistics

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### Korean Language

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21600017	Studies in Current Linguistic
21600018	Studies in Phonology
21600019	Studies in Morphology
21600020	Studies on Syntax
21600021	Studies in Semantics
21600022	Studies in the Historical Phonology of Korean
21600023	Studies in the Historical Morphology of Korean
21600024	Studies in History of Korean Linguistics
21600025	Comparative Studies of Korean
21600026	Special Studies in Old Korean
21600027	Special Studies in Middle Korean
21600028	Special Studies in Modern Korean
21600029	Special Studies in Present-day Korean
21600030	Special Studies in Korean Linguistics
21600031	Studies in Semiotics



- 21600032 Special Studies in Orthography
  - 50388581 Studies in Korean Syntax
  - 50348732 Studies in Language process and syntax
- 

### Modern Korean Literature

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- 21600035 Studies in Modern Authors
  - 21600036 Studies in Modern Korean Poetry
  - 21600037 Studies in Modern novel
  - 21600038 Studies in History of Modern Literature
  - 21600039 Studies in the Enlightenment Period Literature
  - 21600040 Special Studies in Modern Poetry
  - 21600041 Special Studies in Modern novel
  - 21600042 Special Studies in Modern Literature
  - 21600043 Studies in Modern Literary Background
  - 21600044 Modern Literary Seminar
  - 21600045 Studies in Modern Realism Novel
  - 21600046 Studies in Modern literary Theory
  - 21600047 Seminar in Modern Literary Criticism
  - 21600048 Seminar in Studies in Modern Poetry
  - 21600049 Studies in Korean Modern Novel
  - 21600050 Studies in Modern Poets
  - 21600051 Seminar in Modern Literary Theory
  - 21600052 Special Topics in Literary Criticism
  - 21600053 Studies on modern Korean Works—Poetry
  - 21600054 Studies on modern Korean Works—Novel
  - 21600055 Studies on Drama
  - 21600056 Studies on Korean Drama
  - 21600057 Studies on the Thought of Korean Modern novel
  - 21600058 Studies on the Thought of Korean Modern Poetry
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### Classical Korean Literature

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- 21600059 Methods of Research in the History of Classical Literature
- 21600060 Studies in Classical Literary Works and Authors
- 21600034 Study in Folk Literature
- 21600062 Studies in Classical Korean Poetry
- 21600063 Studies in Classical Korean novel

# Department of Korean Language and Literature

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21600064	Studies in Hyang-ga
21600065	Studies in Pansori
21600066	Studies in History of Sino-Korean Literature
21600067	Studies in Classical Korean Literary theory
21600068	Special Studies in Classical Korean poetry
21600069	Special Studies in Classical Korean Novel
21600070	Classical literary Seminar
21600071	Background of Classical Literature
21600072	Studies in Chosun Dynasty's Poetry
21600073	Studies in Talk-On-Poetry Criticism
21600074	Classical Korean Prose
50270651	Study on Diaspora Literature

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## Korean Language and Culture

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50074490	Studies in Specific Teaching method of Korean Grammar
50073344	Studies in Teaching Method of Korean Grammar
50081392	Studies in Teaching materials of Korean grammar
50338801	Evaluation Methods of Korean Proficiency
50083948	Studies in Teaching Method of Korean Vocabulary
50240582	Studies in Teaching Method of Korean Language
50315840	Korean Phonology
50298549	Practical training of Korean Language
50348123	Studies in Education of Korean pragmatics
50348730	Studies in Historical Phonology of Korean Language
50364831	Studies in Education of Korean pronunciation
50375088	Education Theory of The Korean Culture
50375090	Contrastive Linguistics
50399558	Studies in Education of Korean Grammar
21600015	Introduction of Korean Literature
50422685	Psycholinguistic

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## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Cho, Kyu-Ik	Professor	Ph.D.(Yonsei University)	Korean Classical Literature	kicho@ssu.ac.kr
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Oh, Choong-Yeon	Professor	Ph.D.(Soongsil University)	Korean Language	astre@ssu.ac.kr
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# Department of English Language and Literature

Department of English Language and Literature is home to one of the oldest and most distinguished English programs in Korea with a long tradition of excellence in English literature and English linguistics. The department currently offers three different types of degree programs: MA, combined MA–PhD, and PhD. All these programs provide three areas of specialization: English Literature, English Linguistics, and Christian Literature & Culture. The department has a small and intimate community, yet provides an active and stimulating environment for graduate studies. Two in–department conferences are organized annually, specifically for graduate students to present their term projects or personal works and gain valuable presentation skills. Quality courses are offered and the faculty have attracted domestic and international students. The medium of instruction for courses in English Literature and English Linguistics is Korean or English; All courses in Christian Literature & Culture are taught in Korean.

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## AREAS OF SPECIALIZATION

Department of English Language and Literature provides three areas of specialization: English Literature, English Linguistics, and Christian Literature & Culture. For English Literature majors, the department offers various courses of poetry, novel, drama, criticism, and theme–based studies. These courses will help students broaden critical discernment by cultivating literary sensitivity on the basis of understanding and analyses of literary works from Old to Modern British and American literature. Furthermore, recent theories on literary criticism will provide students with opportunities to keep up with the current tendency of contemporary literary studies.

The English Linguistics program pursues theoretical and applied studies of English. Theoretical studies include phonetics, phonology, morphology and syntax. Applied studies cover a wide variety of language–related themes, from sociolinguistics and discourse analysis to language acquisition and ESL/EFL policies. Notwithstanding this categorization of theoretical vs. applied linguistics, the basic attitude toward English linguistics within the department is one of the interdisciplinary approaches. The curriculum is also sensitive to current theoretical development in theoretical and applied linguistics, including, but not limited to, corpus linguistics.

The Christian Literature and Culture Program provides various courses to understand and analyze English & English Bibles more in–depth. Including "Literary Aspects of the Bible," and "Christian Tradition in English Literature," it also focuses on major Christian authors and their works such as C.S.Lewis, J.R.R. Tolkien, Jonathan Edwards, etc. The curriculum goes further to include Greek–Roman mythology, pagan myth and legend, etc. to enrich the background knowledge for this program.

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## PROGRAM OF STUDY

Students can take courses from all three areas of specialization, but they eventually have to declare an area of specialization to concentrate on for their thesis. Both lecture-based courses and seminar courses are provided. Students are generally required to read considerable amount of texts, do problem sets, give class presentations, and submit term papers. After finishing coursework, students are required to pass comprehensive exams, submit thesis prospectus, write, submit, and defend their thesis. Doctoral candidates must publish more than one research article in order to fulfill their degree requirements.

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## CONTACT INFORMATION

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Website: [englan.ssu.ac.kr](http://englan.ssu.ac.kr)

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## COURSES

### English Literature

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21600146	19th-Century English Poetry
21600156	17th-Century English Poetry
21600157	Milton Studies
21600158	Poetry of Victorian Age
21600159	19th-Century American Poetry
21600163	Postmodern Poetry
21600200	18th-Century English Poetry
21600204	Old English Literature
21600206	Middle English Lyrics
21600207	Geoffrey Chaucer Studies
21600208	17th-Century English Prose and Poetry

## Department of English Language and Literature

21600209	16th–Century English Prose and Poetry
21600210	Medieval English Literature
21600231	Modern English and American Poetry
21600147	Studies in 20th–Century British Fiction to World War II
21600148	Modern American Novel
21600164	18th–Century English Novel
21600165	Novel of British Romanticism
21600167	19th–Century English Prose
21600169	Novel of British Realism
21600170	Novel of British Naturalism
21600174	Post–war British Fiction
21600195	Canadian Novels
21600198	Literature of British Imperialism and Postcolonialism
21600199	Irish Literature
21600213	Studies in C. S. Lewis
21600214	James Joyce Studies
21600356	19th–Century American Novel
21600408	19th–Century English Novel
50236389	Novel of American Romanticism
50236390	Novel of American Realism
50236391	Novel of American Naturalism
50236394	American Novel by Minority Authors
50236393	American Novel between 1865 and 1915
50236396	Postmodern British Fiction
50236397	Modernist Fiction
50236398	Anglophone Fiction
21600154	Modern English Drama
21600183	Shakespeare I (Tragedy)
21600234	Shakespeare II (Comedy and History)
21600220	Early English Drama
21600222	Modern American Drama
21600221	World Drama I (Greek, Roman, English Renaissance Drama)
21600223	World Drama II (European Renaissance, Asia, Postmodern Drama)
21600224	Drama and Performance Studies
21600225	Modern European Drama
21600226	Postmodern Drama
21600228	Women's Drama
21600229	Comparative Modern Korean and Western Drama Studies
50236386	English Renaissance Drama

50236387	Restoration Drama
21600145	History of Literary Criticism
21600185	Modernism
21600232	Postmodern Culture and Theory
21600187	Contemporary Critical Theory
21600196	Cultural Studies
21600197	Theatre Criticism
21600227	Feminist Literary and Cultural Criticism
21600260	Literature and Linguistics
21600166	Puritan Literature
21600191	Women and Literature
21600192	Comparative Literature
21600194	Thesis Writing
21600203	Gender and British/American Popular Culture
21600211	Christian Literature
21600233	Literature and Film
21600215	Survey of English Renaissance Literature
21600216	Topics in English Literature
21600218	Studies in Arthurian Romance
21600219	Literature and Religion
21600230	American Culture Studies
50236392	Special Topics in the 19th-Century American Novel
50236393	Special Topics in the 20th-Century American Novel
50236388	Utopian and Dystopian Literature
50236399	Studies in British Women Writers

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### English Linguistics

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21600151	Structure of Modern English
21600153	English Phonology
21600235	English Phonetics
21600236	English Syntax
21600237	English Semantics
21600238	Seminar in English Phonology
21600239	Seminar in English Syntax
21600240	Seminar in English Semantics
21600241	History of English Linguistics
21600242	English Morphology

## Department of English Language and Literature

21600243	Pragmatics
21600245	Topics in English Phonology
21600246	Topics in English Syntax
21600247	Topics in English Semantics
21600248	Computational Linguistics
21600252	Seminar in the Structure of Modern English
21600253	English Lexicon
21600254	Survey of Theories of English Grammar
21600255	Seminar in Grammatical Theories
21600256	Readings in Grammatical Theories
21600257	Categorial Grammar
21600258	Discourse Grammar
21600259	Functional Grammar
50081533	HPSG : Head-driven Phrase Structure Grammar
21600268	Cognitive Grammar
50081535	Studies in Grammaticalization
21600273	Topics in Pragmatics
21600278	English Lexical Semantics
21600279	Topics in English Morphology
21600280	Historical Linguistics
21600281	Language Typology
21600306	History of English
21600152	Studies in TEFL : Teaching English as a Foreign Language
21600244	Applied Linguistics
21600249	Sociolinguistics
21600250	Psycholinguistics
21600261	Research Methods in TESL/TEFL
21600262	Testing in TESL/TEFL
21600263	Early Childhood English Education
21600266	Language Acquisition
21600267	Corpus Linguistics
21600269	English Curriculum and Syllabus
21600270	Discourse Analysis
50081536	Seminar in Bilingualism
21600271	Critical Discourse Analysis
21600272	Topics in Sociolinguistics
21600274	Topics in English Education
21600275	Studies in ELT Materials Development
21600276	Studies in Multimedia-assisted Language Learning



21600282	Studies in English of Specific Purposes
21600283	Studies in Second Language Acquisition
21600284	Seminar in ELT Education
21600285	Topics in Discourse Analysis
21600286	Topics in Corpus Linguistics
21600287	Corpus Linguistics and Applied English Linguistics
21600217	Literature and Translation
21600155	Literature and English Linguistics
21600264	Contrastive Analysis and Error Analysis
21600265	English Stylistics
21600277	Studies in English/Korean Translation
21600288	Introduction to Translation Studies
21600289	Poetry and Translation
21600290	Novel and Translation
21600291	Drama and Translation
21600292	Translation of Non-literary Text
21600293	Translation of Audiovisual Text
21600294	Translation of Current-Affairs English
21600295	Anglo-American Culture and Translation
21600296	Text-type Theory and Translation
21600297	Discourse Analysis and Translation
50236400	Korean-English Contrastive Syntax
50236426	Topics in English Grammar for EFL Learners
50236427	Syntactic Theories and Second Language Acquisition
50236428	Seminar in English Phonetics
50236429	Content & Language Integrated Learning
50236430	Psycholinguistics & TESOL
50236431	Sociolinguistics & TESOL
50236432	TESOL Policy
50236433	TESOL Curriculum
50236434	Pre- & In-service English Teacher Education
50236435	World Englishes & TESOL
50274975	Research in Teaching Vocabulary in TESOL
50276126	Research in Teaching Reading in TESOL
50276127	Research in Teaching Writing in TESOL
50325624	Seminar in English Linguistics

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# Department of English Language and Literature

## Christian Literature & Culture

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21600306	History of English
50320778	English Bible Translation Practice
50320781	Word Structure in English Bibles
50320783	Sentence Structure in English Bibles
21600213	Studies in C. S. Lewis
50320785	Christian Imagination in C. S. Lewis
50320787	C. S. Lewis and J. R. R. Tolkien
50320789	Studies in J. R. R. Tolkien
50320791	Literary Aspects of the Bible
50320793	Christian Tradition in English Literature
50320795	Studies in Christian Poetry
50320797	Studies in Modern Christian Authors
50320799	Studies in Modern Literary Texts of Christianity
50320901	Studies in Jonathan Edwards
50320903	Studies in American Pilgrim Literature
50320905	Christian Literature in English of the Reformation Era
50320907	Pagan Myth and Legend
50374681	A Christian Approach to the Teaching of English as a Second/Foreign Language

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Park, Jun-Eon	Professor	PhD (Univ. of Illinois-Urbana/Champaign)	English Education; Bilingual Education	pjeon@ssu.ac.kr
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Lee, In-Sung	Professor	PhD (Oklahoma State Univ.)	Medieval English Literature; Milton; C.S. Lewis	peace@ssu.ac.kr
Kim, Myung-sook	Professor	PhD (Univ. of Wisconsin-Madison)	English Phonology; History of English	kimm@ssu.ac.kr
Lee, Ju-Eun	Professor	PhD (Harvard Univ.)	English Syntax	jlee@ssu.ac.kr
Yi, Seung-Bok	Associate Professor	PhD (Univ. of Tulsa)	Modern American Novels	tulsayi@ssu.ac.kr
Paik, Jung-kook	Associate Professor	PhD (Univ. of California-Davis)	English Renaissance Literature	paik@ssu.ac.kr
Andrus, Michelle L.	Associate Professor	M.A. (Concordia Univ.)	English Literature	andrusmichelle@hotmail.com
Lee, Kwang-jin	Assistant Professor	PhD (Univ. of Texas-Austin)	American Studies; American Novel	pynchon@ssu.ac.kr
Rawson, James G.	Assistant Professor	M.A. (Univ. of Texas-Arlington)	English Literature, International Studies	james_g_rawson@yahoo.com

# Department of German Language and Literature

The goal of the Department of German Language and Literature is to offer training in academic theories of German literature and linguistics and their applications at a profound level. The department also seeks to nurture talented students who will make contributions to the study of German Language and Literature by enhancing leadership and creativity in the field. In the era of globalization, cultural exchange between Korea and Germany is at a turning point. The department aims to educate specialists to work in German-speaking regions and to foster the development of relationships between Korea and German-speaking countries and to enrich Korean culture through cultural exchange.

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## AREAS OF SPECIALIZATION

German Literature  
German Linguistics

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## PROGRAM OF STUDY

The goal of the Department of German Language and Literature is to offer training in academic theories of German literature and linguistics and their applications at a profound level. The department also seeks to nurture talented students who will make contributions to the study of German Language and Literature by enhancing leadership and creativity in the field. In the era of globalization, cultural exchange between Korea and Germany is at a turning point. The department aims to educate specialists to work in German-speaking regions and to foster the development of relationships between Korea and German-speaking countries and to enrich Korean culture through cultural exchange.

---

## CONTACT INFORMATION

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## COURSES

### Common Courses

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21601019	Modern Linguistics
21601020	Topics in German Linguistics
21601021	Topics in German Grammar
21601062	Basic Concepts of Science of Literature
21601023	History of German Literature
21601024	Topics in Modern German Literature

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### German Linguistics

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21601025	German Phonology
21601026	German Word Formation
21601027	German Lexicology
21601028	German Syntax
21601029	German Semantics
21601030	Translation Theories
21601031	Contrastive Linguistics
21601032	Text Linguistics
21601033	History of German Linguistics
21601034	Middle High German
21601035	History of Linguistics
21601037	German Morphology

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### German Literature

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21601050	Theory of German Novel
21601049	Theory of German Poetry
21601051	Theory of German Drama
21601045	18th–Century German Literature
21601046	19th–Century German Literature
21601047	20th–Century German Literature
21601022	Methodology of Science of Literature
21601042	Studies in German Prose
21601043	Studies in German Poetry
21601044	Studies in German Drama
21601052	Seminar in Medieval German Literature

# Department of German Language and Literature

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21601053	Seminar in German Baroque Literature
21601054	Seminar in German Literature of Enlightenment
21601055	Seminar in German Literature of Sturm und Drang
21601056	Seminar in German Classical Literature
21601057	Seminar in German Romanticism Literature
21601058	Seminar in German Realism Literature
21601059	Seminar in German Naturalistic Literature
21601060	Seminar in German Expressionist Literature
21601061	Reading and Research

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## DEPARTMENTAL REQUIREMENTS

German Literature

German Linguistics

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## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kim, Dae-Kweon	Professor	Ph. D. (Univ. of Saarland)	18th Century German Literature	saarkim@ssu.ac.kr
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Gu, Yeon-Jeong	Assistant Professor	Ph. D. (Univ. of Humboldt)	Cultural Studies	ancel@ssu.ac.kr

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# Department of French Language and Literature

The program in French Language and Literature seeks to guide students in professional research in their chosen fields of specialization. It also aims to enhance students' ability to pursue their studies on the basis of a broad knowledge of the French language and literature acquired through their undergraduate training.

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## AREAS OF SPECIALIZATION

French Literature and Culture  
French Linguistics

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## PROGRAM OF STUDY

The goal of the Department of French Language and Literature is to offer training in academic theories of French literature and linguistics and their applications at a profound level. The department also seeks to nurture talented students who will make contributions to the study of French Language and Literature by enhancing leadership and creativity in the field. In the era of globalization, cultural exchange between Korea and French is at a turning point. The department aims to educate specialists to work in French-speaking regions and to foster the development of relationships between Korea and French-speaking countries and to enrich Korean culture through cultural exchange.

---

## CONTACT INFORMATION

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## COURSES

### Common Courses

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21601065	Studies in the History of the French Language
21601066	Studies in European Culture
21601067	Studies in French Literary Criticism
21601068	Methods of Research in French Literature
21601069	Methods of Research in French Linguistics
21601070	Research for the Master's and Doctorate Degree
21601071	Topics in Comparative Literature
21601072	Studies in French society
21601073	Translation in French Literature

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### French Literature and Culture

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21601074	History of European Literature
21601075	Studies in classical French Drama
21601076	Topics in the 18th Century French Literature
21601077	Studies in French Romanticism
21601078	Studies in French Symbolism
21601079	Studies in French Realism
21601080	Topics in modern French Poetry
21601081	Studies in French Novel since Proust
21601082	Studies in Modern French Drama
21601083	Studies in French Existentialism Literature
21601084	Studies in French Structural Criticism
21601085	Studies in French Genre Literature
21601086	Studies in French Modernism
21601087	Studies in French Arts
21601088	Studies in Storytelling Analysis
21601089	French Literature and Arts
21601090	European Literature and Culture in Medieval Times
21601091	Studies in Francophone Modern Writers
21601093	Studies in the Trend of French Literature

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French Linguistics

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21601092	French Semantics
21601094	Pragmatics
21601095	Stream of Modern French Linguistics

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MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Lee, Jae-Lyong	Professor	Litt.D. (Univ. de Franche Comté)	French Critique	jlee@ssu.ac.kr
Lee, Chan-Kyu	Professor	Litt.D. (Univ. de Lyon 2)	French Poetry and French Literary Science	ck33@ssu.ac.kr
Choi, Ji-in	Professor	Ling.D. (Univ. de Paris 4)	French Lexicology and Lexicography	jiinchoi@ssu.ac.kr
Kim, Ki-il	Professor	Litt.D. (Seonggyungwan Univ.)	French Play	daebag@ssu.ac.kr
Stéphanie Tomé Garnier	Professor	Ling.D. (Univ. de Paris 7)	French Educational Research Methodology	stefpitanange@yaho o.fr

# Department of Chinese Language and Literature

The Department of Chinese Language and Literature aims to educate researchers who will contribute to the development of Chinese studies at home and abroad, to train professional translators who will directly join cultural interchange between Korea and China, and to foster international thought through a joint degree acquisition system with universities in China.

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## AREAS OF SPECIALIZATION

### Chinese Linguistics

The elective courses of Chinese linguistics are designed to introduce students to the basic concepts in the field of Chinese linguistics, including phonology, morphology, syntax, semantics and pragmatics. Theoretical and applied linguistics are also offered so as to enhance students' analytical and practical skills in carrying out in-depth research.

### Chinese Literature

The courses in this area are primarily concerned with major literary works and writers of classical and modern Chinese literature. They aim to set a firm foundation for students to engage in original research by providing a wide range of theoretical backgrounds, and developing students' overall understanding of Chinese literature and critical thinking abilities.

### Korean–Chinese Translation Study

Translation courses combine theoretical and practical training necessary for effective translation between Korean and Chinese. They are designed to develop students' practical skills of translation. The courses also aim to establish new methodological theories of translation through historical consideration of earlier/traditional translation theories of Chinese writers.

### Comparative Study of Korean–Chinese Linguistics & Literature

The courses in this area are concerned with methodologies and theories of comparative linguistics and comparative literature. Students are encouraged to systematically compare the similarities and differences between the two nations' languages and literature in terms of periods and genres.

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## PROGRAM OF STUDY

Chinese linguistics and Chinese literature are the two core fields of study in our department among four areas of specialization, as they provide basic knowledge and language skills for Chinese studies. For this reason, students who pursue translation studies and comparative studies of Korean–Chinese linguistics and literature are also encouraged to take courses from Chinese linguistics and Chinese literature. Students must pass a comprehensive examination in their major area of specialization and another area. If students' undergraduate major is different from their major in master's program, they are required to take some undergraduate courses designated by the department. Every semester departmental workshop is organized to provide students with academic advising on course selection and to give information on university regulations.

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## CONTACT INFORMATION

Department of Chinese Language and Literature

TEL : 82-2-820-0390

FAX : 82-2-821-0390

E-mail : [chilan@ssu.ac.kr](mailto:chilan@ssu.ac.kr)

Website : <http://chilan.ssu.ac.kr>

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## COURSES

### Chinese Linguistics

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21601103	History of Chinese Linguistics
21601104	Studies in Chinese Linguistics
21601105	Studies in Classical Chinese Grammar
21601116	Studies in Modern Chinese Grammar
21601107	Studies in Chinese Characters
21601108	Studies in Chinese Phonology
21601109	Studies in Classical Chinese Semantics
21601110	Studies in "Shuo-Wen Jie-Zi"
21601111	Studies in "Guang-Yun"
21601112	Methodology of Chinese Linguistic Research
21601113	Special Topics in Chinese Linguistics
21601114	Seminar in Modern Chinese Syntax
21601115	Sociolinguistics
50086538	Topics in Chinese Linguistics
50086540	Studies in Chinese Applied Linguistics

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### Chinese Literature

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21601117	Studies in Classical Chinese Literature
21601118	Studies in Modern Chinese Literature
21601119	Chinese Literary Criticism
21601120	Studies in Chinese Poetry
21601121	Studies in Chinese Prose
21601122	Studies in Chinese Novel
21601123	Studies in Chinese Drama
21601124	Special Topics in "Si-Shu"
21601125	Special Topics in "Shi-Jing"
21601126	Special Topics in "Wen-Xuan"
21601127	Special Topics in "Wen-Xin-Diao-Long"
21601128	Special Topics in "Tao-Xie" Poetry
21601129	Special Topics in "Li-Du" Poetry
21601130	Special Topics in "Han-Liu" Prose
21601131	Special Topics in "Ou-Su" Prose
21601132	Special Topics in "Tang-Chuan-Qi"
21601133	Special Topics in Ming & Qing Novel

- 21601134 Special Topics in "Song-Ci"
  - 21601135 Studies in Confucian Classics
  - 21601136 Studies in Pre-Qin Chinese Thinkers
  - 21601137 Studies in Chinese Culture
  - 21601138 Special Topics in Chinese Literature
  - 21601139 History of Chinese Learning and Thought
  - 21601140 Studies in the Theory of Chinese Modern Literature
  - 21601141 Studies of Modern Chinese Novel
  - 21601150 Studies of Chinese Authors
  - 21601143 Methodology of Chinese Literary Research
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#### Korean-Chinese Translation Study

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- 21601144 Introduction to Translation
  - 21601145 Principles & Theories of Translation
  - 21601146 Practicums in Korean-Chinese Translation
  - 21601147 Practicums in Chinese-Korean Translation
  - 21601148 Chinese Translation
  - 21601149 Chinese Interpretation
  - 21601142 Writers & Translators in Chinese Literature
  - 21601151 20th Century Chinese Translation Theories
  - 21601152 Theories of Translation in East Asia
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#### Comparative Study of Korean-Chinese Language & Literature

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- 21601153 Introduction to Comparative Literature
  - 21601154 Theory and Methodology of Korean-Chinese Comparative Literature
  - 21601155 Comparative Study of Korean-Chinese Language
  - 21601156 Comparative Study of Korean-Chinese Classical Literature
  - 21601157 Comparative Study of Korean-Chinese Modern Literature
  - 21601158 Comparative Study of Korean-Chinese Poetry
  - 21601159 Comparative Study of Korean-Chinese Prose
  - 21601160 Comparative Study of Korean-Chinese Novel
  - 21601161 Comparative Study of Korean-Chinese Folk Literature
  - 21601162 Comparative Study of Korean-Chinese Film
  - 50058920 Comparative Study of Korean-Chinese Translation Novel
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# Department of Chinese Language and Literature

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kim, Jong-Seong	Professor	Ph.D. (Chinese Culture University)	Chinese Classical Prose, Chinese-Korean Translation, Chinese-Korea Comparative Literature	jskim@ssu.ac.kr
Lee, Jae-Woo	Professor	Ph.D. (National Taiwan Normal University)	Modern Chinese Literature	jwrye@ssu.ac.kr
Chong, Chin-Kang	Professor	Ph.D. (National Cheng Chi University)	Chinese Linguistics, Phonology, Sociolinguistics, Contrastive linguistics	chongch@ssu.ac.kr
Kong, Sang-Chul	Associate Professor	Ph.D. (Korea University)	Modern Chinese Literature, Chinese Translation Studies, Comparative Literature	pnema@ssu.ac.kr
Lim, Jeong-Hyun	Associate Professor	Ph.D. (National Tsing Hua University)	Chinese Syntax, Syntactic Theory, Morphosyntax	mbianca@ssu.ac.kr

# Department of Japanese Language and Literature

The Department of Japanese Language and Literature aims to contribute to the development of the relations between the two countries, Korea and Japan, and cultivate experts who can properly analyze and evaluate Japan in the times of globalization. We offer three fields of specializations, Japanese Linguistics and Culture and Japanese Economy and Business Management. Eventually, we hope to understand Japan better than before by widening our intellectual horizon about Japan and by acquiring academic research abilities in the field.

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## AREAS OF SPECIALIZATION

### Japanese Linguistics

Japanese Linguistics aims to foster the next generation equipped with a broad knowledge in Japanese linguistics by training them with basic skills required for researches in the field and work towards the development of Japanese linguistics.

### Japanese Literature and Culture

Japanese Literature and Culture offers general studies in Japanese literature and culture and fosters experts who can contribute to the advancement of our culture through cultural communication between the two countries.

### Japanese Economy and Business Management

With rapid progress of globalization and the Information age, Japanese Economy and Business Management helps to understand better the commercial relationship between Korea and Japan in order to meet social demands, through learning about multilateral analysis methods for Japanese enterprise business.

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## PROGRAM OF STUDY

Most of the classes are taught in the form of seminars in which students investigate research materials by themselves and present the results in class. With the help from professors, students will be able to find creative ways to approach current issues in the field of Japanese literature and linguistics and therefore perform scientific studies based on objective data and supporting theories.

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## CONTACT INFORMATION

Department of Japanese Language and Literature

TEL : 82-2-820-0530

FAX : 82-2-824-4382

E-mail : japanstu@ssu.ac.kr

Website : <http://www.ssu.ac.kr/web/japanstu>

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## COURSES

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- |          |   |
|----------|---|
| 21603427 | Special topic in Japanese Linguistics               |
| 21603428 | Japanese Phonetics & Phonology                      |
| 21603429 | Japanese Morphology                                 |
| 21603430 | Japanese Syntax                                     |
| 21603431 | Japanese Lexicology                                 |
| 21603432 | Japanese Semantics                                  |
| 21603433 | Contrastive Linguistics                             |
| 21603434 | Japanese Teaching Method                            |
| 21603435 | History of Japanese I                               |
| 21603436 | History of Japanese II                              |
| 21603437 | Study of Periodical Japanese I                      |
| 21603438 | Study of Periodical Japanese II                     |
| 21603439 | Seminar in Japanese Linguistics I                   |
| 21603440 | Seminar in Japanese Linguistics II                  |
| 21603441 | Seminar in Japanese Linguistics III                 |
| 21603442 | Seminar in Japanese Linguistics IV                  |
| 21603443 | Seminar in Japanese Linguistics V                   |
| 21603444 | Study of Japanese Modern Literature                 |
| 21603445 | Topics in Japanese Modern Literature                |
| 21603446 | History of Japanese Literary Thought                |
| 21603447 | Study of Japanese Classical Literature              |
| 21603448 | Topics in Japanese Classical Literature             |
| 21603449 | Study of Japanese Verse Literature                  |
| 21603450 | Study of Japanese SETSUWA                           |
| 21603451 | Topics in Comparative Literature of Korea and Japan |



21603452	History of Japanese Culture
21603453	Studies on Japanese Popular Culture
21603454	Studies on Japanese Traditional Culture
21603455	Studies on Japanese Religion
21603456	History of Culture Exchange between Korea and Japan
21603457	Comparative Culture between Korea and Japan
21603458	Comparative Folk Studies between Korea and Japan
21603459	Lecture about Japanese Economy History
21603460	Seminar in Japanese Company and Society Culture
21603461	Seminar in Japanese Economy and Political Culture
21603462	Study of Korea and Japanese Economy Relation
21603463	Business Japanese Language
21603464	Topics in Japanese Company's Relationship
21603465	Lecture about Japanese Production System
21603466	Seminar in Globalization and Japanese Economy
21603467	Lecture about Japanese Industrial Relation
21603468	Selected Topics in Japanese Economy
21603469	Seminar in Modern Japanese Economy
21603470	Lecture about Japanese Business Management
21603471	Seminar in Japanese Business Management
21603472	Lecture about Japanese Industry
21603473	Seminar in Japanese Industry
21603474	Seminar in Japanese Capitalism Ⅰ
21603475	Seminar in Japanese Capitalism Ⅱ
21603476	Selected Topics in Japanese Industry Policy

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## DEPARTMENTAL REQUIREMENTS

### Japanese Linguistics Course

1st Semester: Japanese Morphology, History of Japanese Ⅰ, Topics in Japanese Modern Literature

2nd Semester: Japanese Syntax, Study of Periodical Japanese Ⅰ, Studies on Japanese Traditional Culture

3rd Semester: Japanese Semantics, Seminar in Japanese Linguistics Ⅰ, Study of Periodical Japanese Ⅱ

4th Semester: Japanese Lexicology, Seminar in Japanese Linguistics Ⅱ, Contrastive Linguistics

# Department of Japanese Language and Literature

## Japanese Literature and Culture Course

1st Semester: History of Japanese Culture, Topics in Japanese Modern Literature, Japanese Morphology

2nd Semester: Studies on Japanese Popular Culture, Studies on Japanese Traditional Culture, Study of Periodical Japanese I

3rd Semester: Study of Japanese Classical Literature, History of Japanese Literature Thought, Study of Japanese SETSUWA

4th Semester: Topics in Comparative Literature of Korea and Japan, Comparative Culture between Korea and Japan, Comparative Folk Studies between Korea and Japan

## Japanese Economy and Business Management Course

1st Semester: Seminar in Japanese Economy and Political Culture, Business Japanese Language, History of Japanese Culture

2nd Semester: Study of Korea and Japanese Economy Relation, Seminar in Japanese Company and Society Culture, Studies on Japanese Popular Culture

3rd Semester: Lecture about Japanese Industry, Lecture about Japanese Industrial Relation, Literature about Japanese Production System

4th Semester: Seminar in Japanese Capitalism I, Seminar in Japanese Capitalism II, Seminar in Globalization and Japanese Economy

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kwon, Seung-Lim	Professor	Ph.D.(Osaka University)	Japanese Linguistics	slkwon@ssu.ac.kr
Shin, Jang-Churl	Professor	Ph.D.(Tokyo University)	Japanese Economics	jcshin@ssu.ac.kr
Lee, Si-Jun	Professor	Ph.D.(Tokyo University)	Japanese Literature and Culture	sjlee@ssu.ac.kr
Oh, Mi-Young	Professor	Ph.D. (Hokkaido University)	Japanese Linguistics	extordomy@ssu.ac.kr
Won, Ji-Eun	Associate Professor	Ph.D. (Tsukuba University)	Japanese Language Education	jewon@ssu.ac.kr
Kawaguchi Keiko	Assistant Professor	Ph.D. (Soongsil University)	Japanese Linguistics	keikochan922@hotmail.com
Cho, Eun ae	Assistant Professor	Ph.D.(日本立教大学大学 院))	Japanese Literature and Culture	karen2010@ssu.ac.kr

# Department of Philosophy

The goals of Department of Philosophy are the pursuit of truth, the establishment of a right moral value system and the examination of premises and assumptions for philosophizing in a practical way. The purpose of earning a Ph.D. or an M.A. in Philosophy is to become an independent scholar and a teacher of the subject as well.

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## AREAS OF SPECIALIZATION

Western Philosophy (including Ethics and Aesthetics)  
East Asian Philosophy

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## PROGRAM OF STUDY

Program is available in a variety of lectures and seminars. Assessment is made by written examination, assessed coursework, publication and dissertation.

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## CONTACT INFORMATION

Department of Philosophy  
TEL : 82-2-820-0370  
FAX : 82-2-824-4382  
E-mail : [philosophy@ssu.ac.kr](mailto:philosophy@ssu.ac.kr)  
Website : [www.ssuphil.org](http://www.ssuphil.org)

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## COURSES

Western Philosophy

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21600636	Ancient Greek Philosophy I
21600637	Ancient Greek Philosophy II
21600638	Plato's philosophy I
21600639	Plato's philosophy II
21600640	Aristotle's Philosophy I

21600641	Aristotle's Philosophy II
21600642	Medieval philosophy I
21600643	Medieval philosophy II
21600508	German Idealism
21600509	Marxism
21600510	Phenomenology
21600511	Hermeneutics
21600512	Contemporary French Philosophy
21600513	Contemporary German Philosophy
21600514	Political Philosophy
21600515	Philosophy of Law
21600516	Social Philosophy
21600517	Philosophy of History
21600518	Philosophy of Science
21600519	Advanced Logic
21600520	Epistemology
21600521	Contemporary Metaphysics
21600522	Philosophy of Mind
21600523	Philosophy of Language
21600524	Philosophy of Religion
21600525	Studies in Pre-Socratic Philosophy
21600526	Studies in Pre-Socratic Philosophy II
21600527	Studies in Plato's Philosophy I
21600528	Studies in Plato's Philosophy II
21600529	Studies in Aristotle's Philosophy I
21600530	Studies in Aristotle's Philosophy II
21600700	Studies in Later Greek Philosophy I
21600701	Studies in Later Greek Philosophy II
21600644	Hellenistic Philosophy I
21600645	Hellenistic Philosophy II
21600646	Studies in Medieval Philosophy I
21600647	Studies in Medieval Philosophy II
21600533	Studies in Medieval Arabian Philosophy
21600534	Studies in Augustine's Philosophy
21600535	Studies in Boethius' Philosophy
21600536	Studies in Aquinas' Philosophy
21600537	Studies in R. Descartes' Philosophy
21600538	Studies in B. Spinoza's Philosophy
21600539	Studies in G. W. Leibniz' Philosophy

## Department of Philosophy

- 21600540 Studies in J. Locke's Philosophy
- 21600541 Studies in G. Berkeley's Philosophy
- 21600542 Studies in D. Hume's Philosophy
- 21600543 Studies in I. Kant's Philosophy I
- 21600544 Studies in I. Kant's Philosophy II
- 21600545 Studies in G. W. F. Hegel's Philosophy I
- 21600546 Studies in G. W. F. Hegel's Philosophy II
- 21600547 Studies in Marxism
- 21600548 Studies in E. Husserl's Philosophy
- 21600549 Studies in H. Bergson's Philosophy
- 21600550 Studies in Existentialism
- 21600551 Studies in S. Kierkegaard's Philosophy
- 21600552 Studies in J. P. Sartre's Philosophy
- 21600553 Studies in Jaspers' Philosophy
- 21600554 Studies in M. Heidegger's Philosophy
- 21600555 Studies in H. G. Gadamer's Philosophy
- 21600556 Studies in J. Habermas' Philosophy
- 21600557 Studies in Frankfurt School
- 21600558 Studies in Cassirer's Philosophy
- 21600559 History of Contemporary Anglo-American Philosophy I
- 21600560 History of Contemporary Anglo-American Philosophy II
- 21600648 Studies in Philosophy of Logic
- 21600649 Studies in Philosophy of Mathematics
- 21600650 Studies in Philosophy of Language
- 21600651 Studies in Philosophy of Mind
- 21600652 Studies in Philosophy of Science
- 21600563 Studies in Philosophy of Semantics
- 21600564 Studies in Theory of Action
- 21600653 Studies in Analytic Philosophy
- 21600565 Studies in Political Philosophy
- 21600566 Studies in Ideology
- 21600567 Studies in Methodology of Contemporary Western Philosophy
- 21600568 Seminar in Medieval Philosophy
- 21600569 Seminar in Modern Western Philosophy I
- 21600570 Seminar in Modern Western Philosophy II
- 21600571 Seminar in Contemporary German Philosophy I
- 21600572 Seminar in Contemporary German Philosophy II
- 21600573 Seminar in Contemporary French Philosophy
- 21600574 Seminar in Phenomenology

21600575	Seminar in Hermeneutics
21600576	Seminar in Social Philosophy I
21600577	Seminar in Social Philosophy II
21600578	Seminar in Philosophy of History I
21600579	Seminar in Philosophy of History II
21600580	Seminar in Contemporary Epistemology I
21600581	Seminar in Contemporary Epistemology II
21600582	Seminar in Philosophy of Language I
21600583	Seminar in Philosophy of Language II
21600584	Seminar in Philosophy of Logic I
21600585	Seminar in Philosophy of Logic II
21600586	Seminar in Philosophy of Mind I
21600587	Seminar in Philosophy of Mind II
21600588	Seminar in Philosophy of Science I
21600589	Seminar in Philosophy of Science II
21600590	Seminar Contemporary Ontology I
21600591	Seminar Contemporary Ontology II
21600592	Seminar in Philosophy of Religion
21600593	Seminar in Philosophical Anthropology

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## Ethics

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21600654	Studies in Normative Ethics
21600594	Studies in Meta-Ethics
21600655	Studies in the History of Ethics
21600656	Seminar on the Christian Social Ethics
21600657	Bio-Ethical Theories
21600595	Studies in Christian Ethics
21600596	Studies in Contemporary Social Ethics
21600598	Studies in Theory of Justice
21600603	Seminar on Social Justice
21600690	Political-Ethical Theories
21600659	Business and Professional Ethics
21600660	Studies in Environmental Ethics
21600661	Studies in Ethics of War
21600662	Studies in Ethics of Peace
21600691	Ethics in Informational Technology
21600664	Studies in Problems of Korean Ethics
21600605	Studies in Comparative Ethics

## Department of Philosophy

21600601	Seminar in Contemporary Social Ethics
21600665	Studies in Utilitarianism
21600666	Discourse Ethics
21600688	Existentialist Ethics
21600687	Post-modern Ethics
21600669	Debates in Contemporary Ethical Theories
21600689	Issues in Contemporary Ethical Theories

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### Aesthetics

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21600606	Aesthetics
21600607	Seminar in History of Aesthetics
21600608	Seminar in Kant's Aesthetics
21600609	Seminar in Hegel's Aesthetics
21600672	Seminar in History of Aesthetics I
21600673	Seminar in History of Aesthetics II
21600674	Seminar in German Aesthetics
21600675	Seminar in French Aesthetics
21600676	Seminar in Anglo-American Aesthetics
21600677	Seminar in Contemporary Aesthetics I
21600678	Seminar in Contemporary Aesthetics II
21600679	Studies in Meta-Criticism
21600680	Studies in Film-and Image-Aesthetics
21600681	Studies in Aesthetics Plastic Arts
21600682	Studies in Sociology of Art
21600683	Studies in Psychology of Art
21600684	Studies in Environmental Aesthetics
21600685	Studies in Comparative Aesthetics
21600694	Seminar in Science of Art
21600695	Studies in History of Art
21600696	Seminar in Literary Aesthetics
50276132	Everyday Aesthetics

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### East Asian Philosophy

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21600610	History of Chinese Philosophy
21600611	Confucian Classics
21600612	Chinese Buddhism
21600613	Philosophy of Laotzu and Changtzu



21600614	Han Dynasty Philosophy
21600615	I–Ching
21600616	Neo Taoism
21600617	Song Dynasty Philosophy
21600618	Ming Dynasty Philosophy
21600619	Modern Eastern Thoughts
21600620	History of Korean Philosophy
21600621	Philosophy of Ancient Korea
21600622	Korean Buddhist Philosophy
21600623	16C Korean Neo Confucianism
21600624	Topics in Philosophy of Toegye and Yulgok
21600625	17–18C Korean Neo Confucianism
21600626	Modern Korean Philosophy
21600627	Topics in Philosophy of Tasan
21600628	Seminar in Korean Practical Learning
21600629	Confucianism & Christianity in Korea
21600630	Methodology of Eastern Philosophy
21600631	Contemporary Eastern Philosophy
21600632	Contemporary Trends of Korean Philosophy
21600633	Seminar in Moral Philosophy in Eastern Asia
21600634	Seminar in Korean Aesthetics
21600635	Seminar in Eastern Philosophy
21600667	Seminar in Masters Philosophical Studies
21600668	Seminar Chih–Shia Studies
21600670	Topics in Chu Shi’s Philosophy
21600671	Topics in Chu Shi’s Philosophy
21600693	Studies in Yuan Dynasty Philosophy
21600692	Studies in Song Dynasty I–Ching Philosophy
21600697	Studies in Korean Taoism
21600698	Studies in Theories of Korean Li School
21600699	Studies in Neo Confucian Philosophy in Late–Ch’osun Dynasty

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# Department of Philosophy

## DEPARTMENTAL REQUIREMENTS

No mandatory courses

Required Credits for graduation

Master's Program: 24 credits

Doctoral Program: 36 credits

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Paik, To-Hyung	Professor	Ph.D.(Seoul National University)	Contemporary Analytic Philosophy	paikth@ssu.ac.kr
Kim, Seon-Wook	Professor	Ph.D.(State Univ of New York at Buffalo)	Ethics & Political Philosophy	swk@ssu.ac.kr
Park, Joon-Sang	Associate Professor	Ph.D.(Univ of Paris 8 Vincennes-Saint-Denis)	Contemporary European Philosophy	park.joon-sang@ssu.ac.kr
Kim, Ki-Soon	Emeritus Professor	Ph.D. (Soongsil University)	Ethics	
Kim, Kwang-Myung	Emeritus Professor	Ph.D. (Wurzburg University)	Modern and Contemporary German philosophy & Philosophy of Art	kmkim@ssu.ac.kr
Hahn, Seok-Whan	Emeritus Professor	Ph.D. (Soongsil University)	Ancient Greek Philosophy & Medieval Philosophy)	swhhanhn@ssu.ac.kr
Kwak, Shin-Hwan	Emeritus Professor	Ph.D.(Sung Kyun Kwan University)	East Asian Philosophy	shkwak@ssu.ac.kr

# Department of History

The curriculum of the History Department is divided into four fields : Archaeology & History of Arts, Korean History, Eastern History, and Western History. The graduate programs of the History Department are aimed at training students to be professional historians in each of these four fields. To achieve this goal, the History Department provides graduate students with intellectual training with a special emphasis on the analysis of primary sources in each field and the survey of the recent historical research. It also places a great deal of weight on basic practices such as studying the structures of histories, examining the situations of primary sources, and surveying the main issues in each field.

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## AREAS OF SPECIALIZATION

### Archaeology and History of Art

Archaeology and History of Art studies the academic basis necessary to restore culture and society built up by human beings from their emergence to the present-day, and focuses on the special characteristics of the change in culture and society in each age.

### Korean History

Korean History aims to study the academic basis necessary for students who major in the history of our nation and to raise insights about a realistic society and proper recognition of history. To do this, students are encouraged to understand the characteristics and problem in each age through lectures such as an era exercise in each period from ancient times to the present, and develop abilities in decoding historical records and characters through reading manuscripts with comments and locating historical sites.

### Asian history

Asian History helps students understand the traditions and stream in Asia by researching many areas, especially Chinese and Japanese history, and also world history by taking a look at the position of Korean history and culture in Asia and its relationship to Western history.

### Western history

Western history provides students with an understanding of the characteristics of culture and history in Western society and the meaning of world history, and also raising a balanced point of view and objective cognitive power by taking a look at subjects including the relationship

## Department of History

between Western culture and history. Critical review of Western history by periods and by regions makes students improve their understanding of the dynamic development of Western culture and develop a creative historical thinking power.

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### PROGRAM OF STUDY

Graduate Students can choose his/her major field of history among Archaeology & History of Arts, Korean History, Asian History, and Western History. The seminars consist of the presentations and the discussions of students. Essential elements of the Assessment of students are consisted of participation, assignments, and tests.

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### CONTACT INFORMATION

Department of History

TEL : 02-820-0380

E-mail : [history@ssu.ac.kr](mailto:history@ssu.ac.kr)

Website : <http://history.ssu.ac.kr/>

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### COURSES

#### Common Courses(Theory of History)

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21600787	A view of History and Philosophy of History
21600788	Readings in History I
21600789	Readings in History II
21600790	Readings in History III
21600791	Methodology of History Research I
21600792	Methodology of History Research II

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#### Korean History

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21600794	Studies in Ancient History of Korea
21600795	Studies in Koryo Dynasty

- 21600796 Studies in Chosun Dynasty
- 21600797 Studies in Modern History of Korea
- 21600798 Studies in Contemporary History of Korea
- 21600801 Seminar : Topics in Ancient History of Korea
- 21600802 Seminar : Topics in Koryo Dynasty
- 21600803 Seminar : Topics in Chosun Dynasty
- 21600804 Seminar : Topics in Modern History of Korea
- 21600805 Seminar : Topics in Contemporary History of Korea
- 21600808 Problems in Ancient History of Korea
- 21600809 Problems in Koryo History of Korea
- 21600810 Problems in Chosun Dynasty
- 21600811 Problems in Modern History of Korea
- 21600812 Problems in Contemporary History of Korea
- 21600814 Studies in the Political Systems in Silla Dynasty
- 21600815 Studies in the History of Ancient Korean–Japanese Relations
- 21600816 Studies in the History of Korean Political Institutions
- 21600817 Studies in Economic History of Korea
- 21600818 Studies in Social History of Korea
- 21600819 Studies in the History of Korean Social Stratification
- 21600820 Studies in the History of Foreign Relations of Modern Korea
- 21600821 Studies in the History of National Independent Movements
- 21600822 Studies in History of Korean Social Movement in the Early 20th Century
- 21600823 Studies in History of Korean Buddhism
- 21600824 Studies in History of Korean Confucianism
- 21600825 Studies in Intellectual History of Modern Korea
- 21600826 Problems in the Period of Korean Enlightenment
- 21600827 Studies in History of Korean Historiography
- 21600828 Korea Palaeography and Introduction to Textual Criticism
- 21600829 Problems in Ancient Korean
- 21600830 Problems in Chosun Dynasty
- 21600831 Problems in Modern Korean Society
- 21600832 Economic and Social History of Korea
- 21600833 History of Korean Enlightenment
- 21600834 Intellectual History of 'Sil–Hak' in Chosun Dynasty
- 21600999 Social History of Late Chosun
- 21600835 Studies in Medieval Korean Society
- 21600836 Studies in History of Korean Agriculture
- 21600837 Studies in Social Changes of Late Silla and Early Koryo Period
- 21600838 Studies in Social Changes of Late Koryo and Early Chosun Period

## Department of History

- 21600839 Studies in Social Change of Late Chosun
  - 21600840 Studies in History of Korean Struggles against foreign country
  - 21600841 Studies in Korean Epigraphy
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### Archaeology and History of Art

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- 21600793 Studies in Korean Archaeology
- 21600799 Studies in History of Korean Fine Arts
- 21600800 Seminar : Topics in Korean Archaeology
- 21600806 Seminar : Topics in History of Korean Fine Arts
- 21600807 Problems in Korean Archaeology
- 21600813 Problems in History of Korean Fine Arts
- 21600938 Theories and Methods in Archaeology
- 21600939 History of Archaeology
- 21600940 Field Archaeology
- 21600941 Laboratory Course in Archaeology
- 21600942 Museology
- 21600943 Studies in Prehistoric Archaeology
- 21600944 Studies in Historical Archaeology
- 21600945 Studies in Asian Archaeology
- 21600946 Seminar : Topics in Asian Archaeology
- 21600947 Studies in Japanese Archaeology
- 21600948 Studies in European Archaeology
- 21600949 Lithic Archaeology
- 21600950 Archaeology of Ceramics
- 21600951 Archaeology of Burials
- 21600952 Theories and Methods in Art History
- 21600953 Seminar : Topics in History of Fine Arts
- 21600954 Studies in History of Korean Architecture
- 21600955 Studies in History of Korean Painting
- 21600956 Studies in History of Korean Sculpture
- 21600957 Studies in History of Korean Ceramics
- 21600958 Studies in History of Korean Buddhist Fine Arts
- 21600959 Artists in Korea
- 21600960 Studies in History of Asian Fine Arts
- 21600961 Studies in History of Japanese Fine Arts
- 21600962 Studies in History of European Fine Arts
- 50105984 Seminar on topics on the Proto-historical Archaeology

- 50105989 Studies on the Iron Culture of China
  - 50116149 Seminar on topics of the Prehistoric Archaeology
  - 50116151 Studies on the Proto-historical Archaeology
  - 50116154 Seminar on topics on the Historical Archaeology
  - 50116155 Studies on the Archaeology of Prehistoric Japan
  - 50116157 Studies in the Kofunjidai of Japan
  - 50116158 Studies on the Iron Culture of China
  - 50116159 Studies on the Burial Systems of the Ancient China
  - 50248592 Studies on the Yayoi Culture of Japan
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### Asian History

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- 21600842 Studies in History of Chinese Historiography
- 21600843 Studies in Pre-Qin China
- 21600844 Studies in Qin-Han Dynasties
- 21600845 Studies in History of Wei Jin Nam Bei Chao
- 21600846 Studies in Sui-Tang Period
- 21600847 Topics on Sung-Yuan China
- 21600848 Studies of Ming-Ch'ing Period
- 21600849 Studies in History of Republic of China
- 21600850 Studies in History of Chinese Communist Movement
- 21600851 Studies in Political-Institutional History of Asia
- 21600852 Studies in Economic and Social History of Asia
- 21600853 Studies in History of Asian Thought
- 21600854 Studies in History of Chinese Political Thought
- 21600855 Studies in Evolution of Land-System in China
- 21600856 Studies in History of Cultural Relations Between the East and the West
- 21600857 Studies in History of East Asia
- 21600858 Studies in Central Asian History
- 21600859 Studies in South-East Asian History
- 21600860 Studies in Indian History
- 21600861 Studies in Cultural History of Islam
- 21600862 Studies in Ancient History of Japan
- 21600863 Studies in Japanese Feudal Society
- 21600864 Studies in Japanese Contemporary History
- 21600865 Studies in Meiji Restoration
- 21600866 Studies in Intellectual History of Japan
- 21600867 Studies in Mongolian History
- 21600868 Studies in the Materials of Ancient China

## Department of History

- 21600869 Studies in the Materials of Medieval China
  - 21600870 Studies in the Materials of Modern China
  - 21600871 Studies in the Materials of Contemporary China
  - 21600872 Problems in Chinese History
  - 21600873 Problems in Asian History
  - 21600874 Topics in Chinese History
  - 21600875 Topics in Asian History
  - 21600876 Seminar on Materials in Asian History
  - 21600877 Methodologies of Asian History
  - 21600878 Studies in History of Contacts between the East and the West
  - 21600879 History of Asian Thought
  - 21600986 Economic and Social History of Asia
  - 21600880 History of Political Institution in Asia
  - 21600881 Studies in Modern History of Asia
  - 21600882 Studies in History of Chinese Agriculture
  - 21600883 Studies in History of Chinese Popular Movement
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### Western History

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- 21600884 Studies in Greek History
- 21600885 Studies in Roman History
- 21600886 Seminar : Topics in Greek and Roman History
- 21600887 Europe in the Early Middle Ages
- 21600888 Europe in the High Middle Ages
- 21600889 Europe in the Later Middle Ages
- 21600891 Studies in the Enlightenment
- 21600892 Studies in Civil Revolutions
- 21600893 Studies in Industrial Revolution
- 21600894 Intellectual History of Modern Europe
- 21600895 Economic and Social History of Modern Europe
- 21600896 Studies in History of European Historiography
- 21600897 History of Political Thought in Classical Antiquity
- 21600898 Economic and Social History of Greece and Rome
- 21600899 Studies on Medieval University
- 21600900 Problems in Medieval History of Europe
- 21600901 Economic and Social History of Medieval Europe
- 21600902 Intellectual History of the Middle Ages
- 21600903 Studies on Medieval Cities
- 21600904 Studies on Renaissance Europe



- 21600905 Studies on Reformation
  - 21600906 Studies on Scientific Revolutions
  - 21600907 Studies on French Revolutions.1789–1848
  - 21600908 Seminar : Topics in British History
  - 21600909 Seminar : Topics in French History
  - 21600910 Seminar : Topics in German History
  - 21600911 Seminar : Topics in American History
  - 21600912 Seminar : Topics in Russian History
  - 21600913 Seminar : Topics in Nineteenth–Century European History
  - 21600914 Seminar : Topics in Twentieth–Century European History
  - 21600915 Studies of English Revolution
  - 21600916 Seminar : Topics in Modern History of Europe
  - 21600917 Theories of Western Historiography : Varieties of Historical Writings
  - 21600918 Problems of Contemporary Historiography
  - 21600919 Trends of Western Historiographical Theories
  - 21600920 Studies in the Social History of Europe
  - 21600921 Labour History of Europe in the 19th Century
  - 21600922 Studies in the Contemporary History of Europe
  - 21600923 Studies of the Totalitarianism in Europe
  - 21600924 Studies in the History of the Russian Revolution
  - 21600925 Studies in the Political History of Europe in the 20th Century
  - 21600926 Studies on the French Republicanism in Historical Perspective
  - 21600927 Scholasticism, Humanism and Protestantism
  - 21600928 A Study on Medieval Monastery
  - 21600929 A Study on Medieval Papacy
  - 21600930 Catholicism and Progress of History of the Western Europe
  - 21600931 Greek–Orthodoxy and Progress of History of the Eastern Europe
  - 21600932 Christianity and European Civilization I
  - 21600933 Christianity and European Civilization II
  - 21600934 Studies on contacts between the Medieval Christianity and the Islamic Civilization
  - 21600935 Comparative Historical Approach to the Christian Culture and the Islamic Culture
  - 21600936 Studies on the Crusade Movement I
  - 21600937 Studies on the Crusade Movement II
-

# Department of History

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kwon, Young-Keok	Professor	Ph.D.(SNU)	Medieval Korean History	ykkwon@ssu.ac.kr
Hwang, Min-Ho	Professor	Ph.D.(Soongsil Univ.)	Contemporary Korean History	w424322@hanmail.net
Kim, Jung-Ryol	Associate Professor	Ph.D.(Soongsil Univ, Chinese Academy of Social Sciences)	Ancient History of East Asia, Chinese Archaeology	luoyang@ssu.ac.kr
Shim, Yeoung-Shin	Associate Professor	Ph.D.(University of Pennsylvania)	Art History	yeoungshim@ssu.ac.kr
Song, Man-Young	Associate Professor	Ph.D.(Soongsil Univ.)	Archaeology	song9828@empal.com
Kim, Moon-Kyung	Emeritus Professor	Ph.D.(Yonsei Univ.)	Ancient History of East Asia	
Yoo, Young-Nyol	Emeritus Professor	Ph.D.(Korea Univ.)	Modern Korean History	hero219@hanmail.net
Choi, Byung-Hyun	Emeritus Professor	Ph.D.(Soongsil Univ.)	Archaeology	bhchoi@ssu.ac.kr
Park, Eun-Koo	Emeritus Professor	Ph.D.(SNU)	Western Medieval History	eunpark@ssu.ac.kr
Kim, Lynn-Joong	Emeritus Professor	Ph.D.(SNU)	Western Contemporary History	lynn@ssu.ac.kr

# Department of Lifelong Education

The Department of Lifelong Education began offering a Master's degree program in Lifelong Education in 2003, and Ph.D. programs for professionals in Lifelong Education and HRD(Human Resource Development) in 2004, and for officials and educators in Lifelong in 2006. These Ph.D. programs were the first of their kind in Korea. The University's efforts to study and implement lifelong education, perceived worldwide as a revolutionary form of modern education, began with the establishment of a 4-year undergraduate course in 1998, and with the addition of Master's and Doctorial programs, has established Soongsil University as a leader in the study of lifelong education in both Korea and Asia.

The primary goal of the Department of Lifelong Education is to provide educational programs for the development of specialists and practitioners in the field of lifelong education and HRD. These programs will especially suit those students who wish to take up positions as lecturers and instructors in universities and other institutions of higher education that deliver programs in the field, as HRD specialists in research and development institutes and post-secondary education, as HRD specialists in private corporations, and as associate and senior managers responsible for the supervision of lifelong educational institutions including those providing distance education.

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## AREAS OF SPECIALIZATION

Lifelong Education

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## PROGRAM OF STUDY

The Department of Lifelong Education uses a variety of teaching methods such as seminar, lectures, PBL(Problem-Based Learning), e-Learning, blended learning, and workshops to achieve the educational goals of the program. Each course requires specific learning outcomes resulting from a number of class activities to achieve its educational goals and objectives through the course. These learning outcomes are assessed fairly based on objective evaluation criteria. The purpose of assessment is to help learners' academic progress, as well as evaluate the quality of the outcome.

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## CONTACT INFORMATION

Department of Lifelong Education

TEL : 82-2-820-0041

FAX : 82-2-824-4382

E-mail : [lifelongedu@ssu.ac.kr](mailto:lifelongedu@ssu.ac.kr)

Website : <http://lifelongedu.ssu.ac.kr/>

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## COURSES

### Lifelong Education

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- 21601170 Elementary Statistics in Lifelong Education
- 50138772 Research Design & Methodologies in Lifelong Education
- 21601166 Application of Distance Education
- 21601167 Adult Learning and Counseling
- 21601168 Lifelong Educational Management
- 21601169 Program Development of Lifelong Education
- 21601171 Advanced Statistics in Lifelong Education
- 21601172 Qualitative Research in Lifelong Education
- 21601173 Field Study of Lifelong Education
- 21601174 Theory and Application of Lifelong Educational Management
- 21601189 Research Design & Methodologies in Lifelong Education
- 21601208 Lifelong Educational Administration and Finance
- 21601209 Lifelong Educational Resources Management
- 21601210 Economics of Lifelong Education
- 21601211 Theory and Practice of Lifelong Educational Policy
- 21601177 Comparative and International Perspectives in Lifelong Educational Policy
- 21601178 Leadership Theory and Practice in Lifelong Education
- 21601179 Leadership Development Programs of Lifelong Education
- 21601212 Network for Lifelong Education
- 21601180 Higher Education and Lifelong Education
- 21601213 Theory and Practice in Instructional Systems Development
- 21601229 Instructional Communication and New Media-Based Lifelong Education
- 21601214 Needs Analysis and Performance Analysis
- 21601230 Application and Evaluation in Cyber Education
- 21601231 Independent Study
- 21601215 Cyber Education for Lifelong Education

- 21601232 Development and Application of e-Learning
- 21601216 Corporate Education and Human Resources Development
- 21601217 e-HRD Seminar
- 21601218 Educational Methodology & Technology for Lifelong Learning
- 21601184 Human Development and Lifelong Education
- 21601219 Studies of Adult Learners and Psychological Testing
- 21601220 Theory of Lifelong Learning and Development of Psychological Test
- 21601221 Strategy and Management in HRD
- 21601222 Psychological Problem and Counseling for Adults
- 21601223 Lifelong Education and Creativity Development for Adult Learner
- 21601236 Aging Society and Sliver Businesses
- 21601224 Seminar in Theory of Lifelong Education
- 21601190 History and Philosophy of Lifelong Education
- 21601225 Contemporary Issues in Lifelong Education
- 21601192 Lifelong Education for Community Development
- 21601233 Theory and Practice of Vocational Education
- 21601234 Policy on Vocational Education
- 21601226 Comparative Lifelong Education
- 21601235 Action Learning
- 21601193 Public Policy in Educational Gerontology
- 21601194 Human Resource Development
- 21601195 Instructional Method of Lifelong Education/
- 21601196 Introduction to Lifelong Education
- 21601227 Lifelong Education Workshop
- 21601228 Internship in Lifelong Education
- 21601197 Learning Organization and Knowledge Management
- 21601198 Evaluation in HRD Programs
- 21601199 Organization Development
- 21601200 Career Development
- 21601201 Research in Human Science
- 21601202 Practicum of Leadership Development in Lifelong Education
- 21601203 Lifelong Educational Management and Leadership
- 21601204 Lifelong Educational Organization and Leadership Development
- 21601205 Case Studies in Lifelong Educational Leadership
- 21601206 Issues in Lifelong Educational Leadership
- 21601207 Seminar on Lifelong Education Administration and Management
- 21601237 Lifelong Education and Elementary Statistics Analysis
- 21601238 Lifelong Education and Advanced Statistics Analysis
- 21601239 Lifelong Education and Research Design

## Department of Lifelong Education

21601240	Analysis in Lifelong Education
21601241	Lifelong Education Practicum
21601242	Lifelong Educational Policy Evaluation
21601243	International Educational Collaboration and U–Learning
50120628	Community Resource Management
50125357	Planning & Management of education for the old
50125358	Group Creativity and Creative Leadership
50125360	Seminar in Lifelong Educational Methodology
50125438	Seminar in Theories of Lifelong Education
50138771	Qualitative Research in Lifelong Education
50138772	Research Design & Methodologies in Lifelong Education
50137405	Learning Theories of Lifelong Education
50227406	Studies of Adult Learner
50227407	Theories and Best Practices of Self–directed Learning
50227408	Seminar in Lifelong Educational Research Design Methodology
50247804	Local Government's Educational Welfare
50247805	Adult Learning Consulting
50247806	Strategic Human Resource Development
50247807	Theory and Practices of Organization Culture
50247808	Multicultural Education Seminar
50247809	Parentology and Lifelong Learning
50247810	Program Planning Seminar for Lifelong Education
50255681	Adult Learning & Self Directed Learning
50255683	Industrial Organizational Behavior
50270661	Performance Management and Development
50270662	Global Citizenship Education in Lifelong Learning Society
50270663	Seminar on Lifelong Educational Psychology
50270664	Study of Adult Learner and Core Competency Development
50270665	Multi–cultural Education Seminar
50274127	Seminar on Creativity
50274128	Adult Learning Theories
50274129	Human Resource Development and Organizational Psychology
50274130	Human Performance Improvement and Development
50291379	Retirement Education and Policy on the Elderly
50291399	Qualitative Research Methods in Lifelong Education II
50291400	Research Trends in Lifelong Education
50299152	Human Resource Policy
50299153	Career Coaching Seminar
50299154	Organizational Culture and Change

## Graduate School of Soongsil University

50299155	Introduction to Qualitative Research Methodology in Lifelong Education
50315796	Theory and Practice of Corporate Culture
50315827	Adult Learning and Experience
50325784	Learning Organization and Organization Competency
50348449	Cyber Learning & Future Education
50388920	Trends and Issues in Training and Development
50375092	Lifelong Career System and Career Design
50398850	Theory and practice of workplace learning
50398902	Lifelong Educational Leadership in History 1
50412237	Practice of Lifelong Education for Persons with Disabilities
50412239	Future Society and Lifelong Education
50412241	Case Studies of Lifelong Education Leadership in Humanities and Social Sciences
50412242	Global Research Trends in Lifelong Education
50422685	Theory and Practice to talent development

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Lee, Kyunghwa	Professor	Ph.D.(Sookmyung Women's University, 1991)	Lifelong Educational Psychology, Learning & Instruction, Creativity, Gifted Education	khlee@ssu.ac.kr
Kee, Youngwha	Professor	Ph.D.(Univ. of Texas at Austin, 1993)	Lifelong Educational Theory and Teaching Methods; Program Planning and Community Development & Education : Educational Gerontology	key@ssu.ac.kr
Choi, SeongWoo	Professor	Ph.D.(Univ. of Southern California, 1995)	Lifelong Educational Technology, Self-directed Learning, Cyber Education & e-HRD, Parentology	choiss@ssu.ac.kr
Lee, Kisung	Professor	Ph.D.(Univ. of Minnesota, 1997)	Human Resources Development, Vocational Education & Training	kslee61@ssu.ac.kr
Jun, JuSung	Associate Professor	Ph.D.(Univ. of Georgia, 2005)	Adult learning theories, Lifelong education policy, career coaching, Multicultural education	jnet@ssu.ac.kr
Ryu, Kiung	Associate Professor	Ph.D.(Univ. of Georgia, 2008)	Human Resource and Organizational Development, Adult Education	kryu@ssu.ac.kr

# Department of Sport for All Studies

Founded in 2004 for an MA, in 2008 for a Ph.D, the department of Sports for All Studies has grown continuously, producing professional human resources, superior research thesis, and competent leaders in the physical education field. To meet rapidly changing needs and social demands, the department of Sport for All Studies aims to foster academic researchers to systematically find scientific research and professional theories in related fields and study making physical welfare environmental faculties to improve the nation's quality of life and developing programs.

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## AREAS OF SPECIALIZATION

To contribute to all nation's goals to improve health and quality of life based on "Sport for All" realizations of utopia by improving the physical welfare level of all humans. The department of Sport for All Studies acts on the detailed department aims below to study sport for all and establish new theories.

- 1) We foster professional human resources who can contribute academically and practically develop sport research for science, information and the popularization of study for all.
- 2) To perform functions and roles of information individuals about theory of study for all and sport exercise, we encourage and guide research thesis by giving priority to sport using values such as developing a curriculum according to our major courses, developing teaching materials, developing studies for all programs, and developing studies for all faculties and applications.
- 3) We foster human resources who can do academic research to develop professional theory, and develop the club sport settlement model of Korea by encouraging the scientific study of guidance principles of study for all and to cultivate professional leaders' important roles.
- 4) We focus on educational system development which produces professional human resources and superior theses in legal, institutional, administrative, financial development fields related to promoting study for all, in sports clubs and resort management tectonics, management system development field, in leisure sports and the spare time industry field. This is called "Areas of Specializations", but this is referring to "legal, institutional, administrative, financial fields".



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## PROGRAM OF STUDY

To educate students efficiently and effectively, the department of Sports for All studies holds various seminars and workshops each semester and encourages students to present their academic works and take part in conferences in their major fields.

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## CONTACT INFORMATION

Department of Sport for All Studies

TEL : 82-2-820-0045

FAX : 82-2-820-0084

E-mail : sport@ssu.ac.kr

Website : <http://www.ssu.ac.kr/web/sperts>

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## COURSES

### Common Courses

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21601267	Policy of Sport for All
21601268	Research Method of Sport for All
21601272	Management of Sport for All
21601270	Introduction of Sport for All Program
21601273	Introduction to Leadership of Sport for All
21601271	Statistics of Sport for All
21601269	Theory of Leisure and Sport for All
21601274	Seminar of Sport for All
21601275	Marketing of Sport for All
21601276	Thesis Guidance

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## Department of Sport for All Studies

For Ph.D.

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21601277	Research Methodology of Sport
21601278	Sport Psychology
21601279	Advanced Study in Sport for All
21601280	Statistics in Physical Education
21601281	Advanced Leisure & Education Study
21601282	Advanced Sport Sociology
21601283	Measurement and Evaluation in Physical Education
21601284	Advanced Sport Marketing
21601285	Seminar Study in Sport for All
21601286	Exercise Prescription
21601287	Advanced Sport Psychology
21601288	Seminar in Leisure & Marketing

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## DEPARTMENTAL REQUIREMENTS

For M.A

- 1st Semester : Policy of Sports for All, Research Method of Sports for all, Theory of Leisure and Sports for All
- 2nd Semester : Introduction to Leadership of Sports for All, Seminar of Sports for All, Management of Sports for All
- 3rd semester : Statistics of Sports for All, Marketing of Sports for All, Introduction of Sports for All Program
- 4th semester : Thesis Guidance

For Ph.D

- 1st Semester : Research Methodology of Sports, Sports Psychology, Advanced Study in Sports for All
- 2nd Semester : Statistics in Physical Education, Advanced Leisure & Education Study, Advanced Sports Sociology
- 3rd semester : Measurement and Evaluation in Physical Education, Advanced Sports Marketing, Seminar Study in Sports for All
- 4th semester : Exercise Prescription, Advanced Sports Psychology, Seminar in Leisure & Marketing

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Shim, Sung-sub	Professor	Ph.D. (Kyung-hee Univ.)	Sports Sociology/ Study in Sports for All	shim0310@ssu.ac.kr
Yoon, Hyoung-ki	Professor	Ph.D. (Kyung-hee Univ.)	Measurement and Evaluation in Physical Education/ Statistics in Physical Education	ssu0379@ssu.ac.kr
Oh, Sei-yi	Professor	Ph.D. (West Virginia Univ.)	Theory of Leisure/ Sports Marketing	ssu0378@ssu.ac.kr
Park, Joo-young	Professor	Ph.D. (Kook-Min Univ.)	Sport Psychology/ Sport Counseling	dsqueen@ssu.ac.kr
Chon, Tae-jun	Associate Professor	Ph.D. (Yon-Sei Univ.)	Leisure Studies/ Sports Administration	tjchon@ssu.ac.kr
Lee, Young-jun	Assistant Professor	Ph.D. (Soongsil Univ.)	Training methodology / Weight Training	fin90@ssu.ac.kr

# Department of Creative Writing

Department of Creative Writing, opened in 1998, continues a tradition aimed at the promotion of culture. Department of Creative Writing covers a wide range of traditional literature including poems, novels, plays and creative prose. Considering the 21th century information society and media industries requiring a variety of creative content, the definition of literature now covers letters, videos, and also communication channels.

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## AREAS OF SPECIALIZATION

Creative Writing

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## PROGRAM OF STUDY

The curriculum largely focuses on poems, novels, criticism, and drama. Learning methodology through courses as well as basic theory is mainly based on practical and creative writing classes. Practical lessons for students to submit work freely with the professor with analysis, and discussions, are offered in a seminar format.

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## CONTACT INFORMATION

DEPARTMENT OF CREATIVE WRITING

TEL : 82-2-820-0043

FAX : 82-2-824-4382

E-mail : [writing@ssu.ac.kr](mailto:writing@ssu.ac.kr)

Website : <http://writing.ssu.ac.kr/>

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## COURSES

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- 21601292 Studies in Classical Drama
- 21601293 Methods of Research in the Literature
- 21601294 Comparative Literature Theory Part 1
- 21601295 Creative Writing: Poetry
- 21601296 Creative Writing: Novel and Narrative
- 21601297 Process of Play for Stage
- 21601298 Christian Literature
- 21601299 Creative Writing: Drama
- 21601300 Writing in Multimedia
- 21601301 Literature for Children
- 21601302 Writing for Media
- 21601303 Lecture on Poetry
- 21601305 Lecture on Novel
- 21601307 Biblical Literature
- 21601308 Comparative Literature Theory Part 2
- 21601309 Study on modern Dramatist
- 21601310 Korean Literature in Contemporary Culture
- 21601311 Comparative of Play for Stage
- 21601312 Studies on Film Literature
- 21601313 Studies on the Creative Writing of Broadcasting Literature
- 21601314 Special Lecture on Foreign Literature
- 21601315 Methods of Literature Criticism
- 21601316 Study on the History of Modern Korean Criticism
- 21601317 Special Lecture on Theory of Literature
- 21601318 Study on Theory of Literature Genre
- 21601319 Study on Psychology of Creative Writings
- 21601320 Studies in History of Korean Literature
- 21601321 Studies in Korean Current Writers
- 21601322 Study of Korean Current Writers
- 21601323 Studies in Korean Modern Poets
- 21601324 Studies on the Thought of Korean Literature
- 21601325 Literary Philosophy
- 21601326 Special Lecture of Modern Literature
- 21601327 Readings on Contemporary Poetry
- 21601328 Reading on Contemporary Novels
- 21601329 Studies on Technique of Modern Literature

## Department of Creative Writing

21601330	Studies an Issue of Korean Modern Literature
21601331	Studies in Modern Literary Thought
21601332	Seminar in Creation of Literature
50083950	Seminar on Novel Writing1
50083951	Seminar on Novel Writing2
50083952	Seminar on Novel Writing3
50083956	Seminar on Poetry Writing1
50083957	Seminar on Poetry Writing2
50083958	Seminar on Poetry Writing3
50083959	Theories in Performance Studies
50083960	Workshop for Performance Productions1
50083961	Workshop for Performance Productions2
50083953	Seminar on Drama Writing1
50083954	Seminar on Drama Writing2
50083955	Seminar on Drama Writing3
50277540	Studies on Visual Art
50298146	A Study on Korean Modernism Literature
50298148	Performance Theory and Criticism
50322151	Understanding of Storytelling
50322153	Storytelling Methodology
50322155	Entertainment Storytelling
50322157	Planning of Contents

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## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kim, In-Seob	Professor	Litt.D.(Soongsil Univ.)	Peotry Literature	kiseob@ssu.ac.kr
Lee, Jae-Hong	Assistance Professor	Litt.D.( Soongsil Univ.)	Storytelling	munsarang@ssu.ac.kr
Paek, Rora	Associate Professor	Litt.D.( Soongsil Univ.)	Play Literature	rorapaek@hanmail.net

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# Department of Christian Studies

## General Introduction of department

- An advanced program of exploring Christianity from an interdisciplinary methodology
- A excellent faculty that provides a variety of classes and seminars
- A pioneering graduate study that enriches Soongsil's Christian identity

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## AREAS OF SPECIALIZATION

### Biblical Studies

Biblical Studies concentrates on both the Old Testament and the New Testament with special attention to their relevance to Christian faith life and Christians' culture-transforming task as well. This major is divided into Old Testament studies and New Testament studies, which focuses on the Old Testament and the New Testament, respectively. Overall, Biblical Studies with all its specific course works and other trainings is designed to train students enough to proclaim and preach the Bible in both essential contexts and academic settings.

### Christian Theology

Christian Theology aims to reflect the main contents of Christian Faith, Christian church and theological development, and current streams of Christian thoughts in terms of postmodern situation, by coming back to the Reformation tradition.

### Christian Cultural Studies

The department's Christian cultural studies field is designed to study a variety of cultural phenomena from a Christian perspective.

### Christian Sociology

Christian Sociology is an applied social science that interprets individual and social text through the eyes of Christian faith.

### Christian Ethics

The aims of Christian Ethics is to provide the systematic study of the way of life exemplified and taught by Jesus Christ so that students are encouraged to apply it to the various demands and decisions of human existence.

### Christian Counseling and Psychology

The Christian Counseling and Psychology is interested to research and teach the latest theories in counseling in order to bring up the counseling specialists needed for the field of counseling and psychology on the basis of the wide understanding of modern society and



human beings. Also, it aims at making students able to do continuous research and counseling practice as counseling specialists needed for this age.

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## PROGRAM OF STUDY

Class lecture and presentation, group research, site visit and counseling, sociological fieldwork etc.

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## CONTACT INFORMATION

Department of Christian Studies

TEL : 82-2-820-0070

FAX : 82-2-824-4382

E-mail : [enchristo@ssu.ac.kr](mailto:enchristo@ssu.ac.kr)

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## COURSES

### Biblical Studies

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- 21602547 Seminar on Biblical Theology
- 21602725 Old Testament Theology Seminar
- 21602726 New Testament Theology Seminar
- 21602727 Theology of the Pentateuch
- 21602728 Theology of the Prophets
- 21602729 Theology of the Holy Writings
- 21602730 Theology of the Gospels
- 21602611 A History of Israel I
- 21602612 A History of Israel II
- 21602613 Contemporary Biblical Exegesis
- 21602614 Contemporary Biblical Hermeneutics
- 21602615 Issues in Old Testament Theology
- 21602616 Issues in New Testament Theology
- 21602617 Relationship of Biblical Theology to Systematic Theology
- 21602618 New Testament Backgrounds: Greco-Roman History and Hellenistic Philosophy
- 21602621 Theology in Deuterocanonical and Pseudepigraphical Literature
- 21602626 Old Testament Ethics
- 21602627 New Testament Ethics
- 21602630 Study of Latin Vulgate Bible
- 21602632 Patristic Biblical Exegesis
- 21602636 Biblical Studies as a Basis for Liberal Arts and Science
- 21602637 Study of the Septuagint
- 21602638 Intertestamental Literature
- 21602639 Theology of the Dead Sea Scrolls and the Qumran Community
- 21602640 Jewish Biblical Hermeneutics
- 21602649 Study of Ancient Scribal Documents and Textual Criticism
- 21602654 The Bible and the Literature
- 21602656 Literary-Artistic Interpretation of the Bible
- 50083978 Reading the Pentateuch from a Theology of God's Kingdom
- 50083979 Reading the Prophets from a Theology of God's Kingdom
- 50083980 Reading the Holy Writings from a Theology of God's Kingdom
- 50083981 Reading the Gospels from a Theology of God's Kingdom
- 50083982 Reading the Pauline Epistles from a Theology of God's Kingdom
- 50083983 Reading the General Epistles from a Theology of God's Kingdom
- 50083985 Reading the Book of Revelation from a Theology of God's Kingdom

50083986	Study of the Book of Daniel and Revelation
50083987	Biblical Theological Foundation of Preaching
50348011	Origin of Evil and God
50348013	The Book of Ezekiel
50348015	The General Epistles
50365105	Theology of the Deuteronomistic History
50365107	Seminar on Ezra–Nehemiah
50365109	The Gospel of Mark
50374538	Ephesians–Colossians
50422653	New Testament in Greek

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## Christian Theology

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50276280	Doctrine of God
50276281	Christology
50276282	Pneumatology
50276283	Doctrine of Trinity
50277334	Doctrine of Creation
50276284	Anthropology
50276285	Ecclesiology
50276286	Eschatology
50276288	Reformation Theology
50276294	Theology of 18.–19. Century
50276295	Contemporary Theological Issues
50276096	Philosophical Theology
50277302	Theology of Religions
50277304	Theological Thought of K. Barth
50277305	Theological Thought of W. Pannenberg
50277306	Theology and Praxis of D. Bonhoeffer
50277309	Christian Faith and Politics
50277310	Dialogue between Natural Science and Theology
50277311	Theology of Culture
50277314	Unde malum?
50277315	Theology of Liberation
50277318	Theological Ethics
50277319	Life, Ecology and Ethics

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## Department of Christian Studies

### Christian Cultural Studies

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21602595	Christian Cultural Studies: An Introduction
21602596	Christian Cultural Studies: Seminar
21602597	Cultural History of Christianity : Korea
21602599	Christianity and Culture: Seminar I
21602600	Christianity and Culture: Seminar II
21602601	Cultural Anthropology
21602605	Culture and Mission I
21602606	Culture and Mission II
21602607	Christianity and Popular Culture
21602608	Christianity and Mass Communication
50277321	Cultural Christian Sociology
50277322	Cultural Theory in Post-Modern Era
50277323	Cultural Change and Christianity
50277324	Post-Structuralism Cultural Theory
50277325	Cultural Ethics and Christianity
50277326	Seminar on Korean Church's Cultural Studies

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### Christian Sociology

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21602736	History of Christian Social Thought
21602662	Sociology of Religion From Karl Marx to Sigmund Freud
21602663	Seminar on Contemporary Sociologists of Religion
21602666	Christian Approach to the Concept of Society
21602667	Sociological Analysis on the Korean Church
21602669	Trends and Changes of Modern Society
50087529	Cultural Sociology and Christian Sociology
50084000	Christian Sociology in Post-Modern Era
50084001	Durkhemian Cultural Sociology for Christian Sociology
50084002	Post-Structuralism and Christian Sociology
50087530	Christian Civil Movement in Modern Society
50084004	Christianity and Public Affairs
50086595	Seminar on Four Prominent Scholars for Cultural Study I
50086596	Seminar on Four Prominent Scholars for Cultural Study II
50086597	Cultural Study and Christianity: Theory and Application
50277328	Christianity and Socio-historical Change in Korea
50277330	Contemporary Christianity in Contemporary Korean Society
50277331	Seminar on Christian Peace

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## Christian Ethics

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21602670	History of Christian Ethics
21602671	Contemporary Christian Ethics: Theory and Practice
21602672	Methodology of Christian Ethics
21602673	Biblical Ethics
21602674	Life and Ethics of Jesus Christ
21602675	Max Stackhouse's Ethics
21602677	Christian Ethics for the Post-Modern Era
21602678	Christian Ecological Ethics
21602679	Christian Economic Ethics
21602680	Christian Media Ethics
21602737	Christian Ethics and Social Justice
21602681	Christian Ethics and Mass Consumption
21602682	Christian Ethics and Women Liberation
21602683	Situation Ethics I
21602684	Situation Ethics II
21602692	Ethics of John Rawls
21602693	Ethics of MacIntyre
21602694	Christian Life Ethics I
21602695	Christian Life Ethics II
21602696	Seminar on Contemporary Christian Ethics I
21602697	Seminar on Contemporary Christian Ethics II
50277332	Modern Society and Christian Ethics
50277333	Korean Church and Christian Ethics

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## Christian Counseling and Psychology

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50235356	Counseling and Psychotherapy Theory
50235359	Psychological Test and Assessment
50084303	Group Counseling
50084302	Human Development
50084291	Family Counseling
50084298	Research Methodology in Counseling
50235361	Counseling Ethics
50235362	Counseling Supervision
50087531	Couple Relationship Therapy
50235363	Parents Education

## Department of Christian Studies

50235378	Personality Psychology
50084306	Career Counseling
50235383	Theory and Practice of Christian Counseling
50084283	Child Counseling
50084288	Youth Counseling
50084290	Multicultural Counseling
50084292	Psychoanalysis
50084293	Analytical Psychology
50087532	Expressive Arts Therapy
50084279	Psychotherapy and Spirituality
50235384	Advanced Counseling Philosophy Seminar
50315743	Seminar in Counseling Theories
50315747	Abnormal Psychology
50324788	Youth Counseling Seminar
50324790	Theory and Practice of Group Psychotherapy
50348017	Seminar of Counseling and Psychological Evaluation
50235379	Research Methods in Counseling Psychology
50341620	Theory and Practice of Family Therapy
50365113	Counseling Theories and Case Study
50365115	Seminar in Advanced Abnormal Psychology
50374542	Principle and Methodology of Group Counseling
50374540	Seminar of Multi-Cultural Counseling
50399377	Advanced seminar of career counseling
50407928	Seminar of Psychotherapy and Counselling theory
50407930	Psychological testing and Case Application
50413622	Seminar of Counseling and Qualitative Research
50413624	Seminar of Developmental Psychology and Counseling
50422655	Seminar of psychology and counseling for adolescents
50422657	Career development theories and counseling seminar

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## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Hae Kwon Kim	Professor	Ph.D. (Princeton Theological Seminary)	Old Testament Studies	haekwonkim@ssu.ac.kr
Yon Gyong Kwon	Professor	Ph.D. (King's College, London)	New Testament Studies	yonkwon@ssu.ac.kr
Chull Lee	Associate Professor	Ph.D. (Boston University)	Christian Sociology	chriso@ssu.ac.kr
Seung Min Park	Associate Professor	Ph.D. (Seoul National University)	Christian Counseling and Psychology	subiya99@ssu.ac.kr
Yong Joo Lee	Associate Professor	Dr.Theol. (Eberhard-Karls University at Tübingen)	Systematic Theology	imagodeikr@ssu.ac.kr

### Research Interest

- Hae Kwon Kim : The Pentateuch, The Prophets, The Kingdom of God Theology, The Historical Jesus, Bible and Preaching, Youth Ministry based on the Bible
- Yon Gyong Kwon : Pauline Theology, Biblical Hermeneutics, New Testament Theology, New Testament Ethics, Eschatology
- Chull Lee : Inter-disciplinary study between Sociology of Religion and Cultural Sociology
- Seung Min Park : Counseling for Adolescents, Christian Counseling and Psychology, Prevention & Psychotherapy on Addiction
- Yong Joo Lee : Systematic Theology, Schelling, Christian Theology, Dialogue between Natural Science and Theology

# Department of Law

Founded in 1972, Department of Law at Soongsil University is devoted to fostering social leaders such as superior social workers, scholars, and lawyers. The first Ph.D. was awarded to the first dean of the School of Law of Soongsil University serving from March 1955 to Feb 1959. Also, Bang, Soon-Won, Justice of the Supreme Court and a former professor of the School of Law was granted an honorary Ph.D., and Park, Song-Kyu, a pre-conductor in the office of Legislation, and Choi, Yong-Choon, a professor of Sangji University, were also granted of law in 1989. All of our alumni play pivotal roles in all levels of society.

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## AREAS OF SPECIALIZATION

Basic Law, Constitution Law, Administrative Law, Criminal Law, Criminal Procedure Law, International Law, Labour Law, Civil Procedure Law, Civil Law, Commercial Law, American Law

In the 21st century, heading for an affluent society established on rapid industrial developments, high quality experts equipped with creativity and responsibility are expected to perform various social activities. The Department of Law educates students in profound knowledge based on our school's Christian spirit and educational ideals, which is necessary for qualified leaders as well as experts in law and legal studies by researching the theories and practices related to law.

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## PROGRAM OF STUDY

Program is available in a variety of lectures and seminars. Assessment is by written examination, assessed coursework, presentation, and a dissertation. The percentage of the final grade awarded for the continuously assessed component varies across courses.

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## CONTACT INFORMATION

Department of Law

Tel : 82-2-820-0470

Fax : 82-2-817-5837

Email : law@ssu.ac.kr

Website : <http://www.ssu.ac.kr/web/law>



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## COURSES

### Basic Law

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21601334	Study on Legal Philosophy
21601335	Problems on Legal Philosophy
21601336	Basic Study on Legal Philosophy
21601337	Topics of Legal Philosophy
21601338	Study on Methodology in Legal Philosophy
21601339	Study on National Law
21601340	Study on Contemporary Legal Philosophy
21601341	Problems on Values in Law
21601342	Problems on Sociology of Law
21601343	Study on Legal Sociology
21601344	Special Topic on Legal Thought
21601345	History of Legal Thought
21601346	Study on Comparative Law
21601347	Study on Anglo American Law
50228227	Study on Legal Thought

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### Constitution Law

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21601348	General Theory of Public Law
21601349	General Theory of Constitution Law
21601350	Theory of State
21601351	Comparative Study of Constitutional Law
21601352	Theory of Constitutional Fundamental Rights I
21601353	Theory of Constitutional Fundamental Rights II
21601354	Theory of Separation of Power
21601355	Theory of the Constitutional Governmental System I
21601356	Theory of the Constitutional Governmental System II
21601357	Theory of Election and Congress
21601358	Study of Constitutional Court Systems
21601359	Case Studies on Constitutional Law
21601360	Study on the History and Theory of Korean Constitutional Law
21601361	Theory of Referendum in Constitutional Law
21601362	Theory of Emergency Constitutional Law

21601433	Modern Society and Constitutional Dogmatics
21601434	Study on the Constitution in the Welfare State
21601435	Theory of Constitution in the Specific Sphere
50084228	Study on Military Constitutional Law
50084229	Study on Economic Constitutional Law
50084230	Study on Environmental Constitutional Law
50084231	Special Study on Fundamental Rights
50292833	Laws to Cope with Climate Change
50292834	Energy-related Law

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## Administrative Law

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21601363	General Theory of Administrative Law
21601364	Problems on Administrative Law
21601365	Cases on Administrative Law
21601366	Law of Agency Actions
21601367	Law of Administrative Organizations
21601368	Law of Administrative Remedies
21601369	Study on Local Government Law
21601370	Polizei- und Ordnungsrecht
21601371	Financial Administrative Law
21601372	Judicial Review on Administrative Law
21601373	Öffentliches Bau- und Bodensrecht
21601374	Public Welfare Laws
21601375	Comparative Study on Administrative Law
21601376	Environmental Law

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## Criminal Law

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21601377	General Theory of Criminal Law
21601378	Special Theory of Criminal Law
21601379	Study on Criminal Structure Theory
21601380	Study on Attempted Crime Theory
21601381	Study on Accomplice Theory
21601382	Theory of Criminal Sanctions
21601383	Study on Criminal Legislation
21601384	Comparative Study on Criminal Law
21601385	Study on Criminal Cases
21601386	Study on Special Criminal Law

21601387	General Study on Special Part of Criminal Law
21601388	Special Study on Special Part of Criminal Law
21601389	Study on Criminal Policy
21601390	Study on Criminal Psychology
21601391	Study on Juvenile Delinquency
21601392	Study on Penology
21601436	Study on Stralzumessungstehre
21601437	Study on Victimology
21601438	Study on Preventive Measures
21601546	Study on Environmental Criminal Law

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### Criminal Procedure Law

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21601393	General Study on Criminal Procedure
21601394	Comparative Study on Criminal Procedure
21601395	Study on Structure of Criminal Procedure
21601396	Study on Criminal Evidence Law
21601397	Study n the Criminal Appeal
21601398	Special study on Criminal Procedure
21601439	Study on Ermittlungsverhrfahren
21601544	Study on Criminal Procedure Case

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### International Law

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21601515	Special Issues on International Law
21601516	Law of Sea
21601403	International Peace and Security system
21601404	Case Study on International Law
21601405	Law of Treaties
21601406	International Human Rights Law
21601407	Air and Space Law
21601440	International Trade Law
21601441	International Economic Law
21601499	European Union Legal System
21601442	Law in Cyber Space
21601443	International Criminal Law
21601444	International Remedies
21601445	Case study on International Economic Law
21601511	Study on Free Trade Agreements

# Department of Law

21601545	Foreign Investment Law
21601547	International Law on Intellectual Property
50292835	International Environment Law

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## Labour Law

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21601409	General Study on Labour Law
21601410	Special study on Labour Law
21601411	Study on Collective Labour Law
21601412	Theory of Labour Union
21601413	Theory of Collective Bargaining
21601414	Theory of Collective Agreement
21601415	Theory of Unfair Labour Practice
21601416	Legal Study on Industrial Disputes
21601417	Study on Labour Standards Law
21601418	Study on Employment Contract
21601419	Study on International Labour Law
21601420	Comparative Study on Labour Law
21601421	Case Study on Labour Law
21601520	Theory of Labour–management Council
21601422	Study on Social Security Law
21601548	Study on Working Conditions
21601549	Study on Termination of Employment
21601550	Study on Equal Treatment

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## Civil Procedure Law

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21601423	Study on Civil Procedure Law I
21601424	Advanced Study on Civil Procedure Law I
21601425	Procedure Law and Substantive Law
21601426	Study on Civil procedure Law II
21601427	Comparative Study on Civil Procedure
21601428	Advanced Study on Civil Procedure Law I
21601429	Study on Law of Compulsory Execution
21601430	Advanced Study on Law of Compulsory Execution
21601431	Comparative Study on Law of Compulsory Execution
21601432	Case Studies on Civil Procedure
21601551	Study on the History of Civil Procedures
21601552	Class Action & Verbandklage

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## Civil Procedure Law

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- 21601446 General Theory of Civil Law
  - 21601447 Study on Property Law
  - 21601448 Special Study on Property Law
  - 21601449 Study on Contract Law
  - 21601450 Special Study on Contract Law
  - 21601451 Theory of Modern Family Law
  - 21601452 Special Study on Law of Domestic Relations
  - 21601453 Special Study on Inheritance Law
  - 21601454 Case Studies on Property Law
  - 21601455 Case Studies on Family Law
  - 21601456 History of Korea Civil Law
  - 21601457 Special Study on Western Legal History
  - 21601458 Study on Law of Real Security
  - 21601459 Study on Law of Special Real Security
  - 21601460 Theory of Torts
  - 21601461 Theory on Law of Compensation for Damages
  - 21601462 Study on Conflict of Laws
  - 21601463 Study on Roman Law
  - 21601488 Theory of Judicial Person
  - 21601489 Rechtsgestchaftslehre
  - 21601490 Study on Registration System
  - 21601491 Theory of Contract
  - 21601492 Study on the Matrimonial Property
  - 21601493 Comparative Study on Family Law
  - 21601494 Study on North Korea Family Law
  - 21601595 Study on Property
  - 21601596 Study on the Security of Obligation
  - 21601597 Comparative Study on Contract Law
  - 21601512 Study on the Judicial Procedure of Family Law
  - 21601553 Study on the Asian Family Law
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## Commercial Law

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- 21601464 General Theories of Commercial Law
- 21601465 Special Studies on Commercial Transactions Law
- 21601466 Special Studies on Corporation Law

## Department of Law

- 21601467 Special Studies on Insurance Law
- 21601468 Special Studies on Admiralty Law
- 21601469 Special Studies on the Contract Law for Air Transportation
- 21601470 Special Studies on Negotiable Instruments Law
- 21601471 Case Studies on Commercial Law
- 21601472 Die Forschung des Deutsches Aktiengesetz
- 21601473 Anglo–American Corporation Law
- 21601474 General Theories of Economic Law and Regulation
- 21601475 Studies on Intellectual Property Law
- 21601476 Studies on Consumer Protection Law
- 21601477 Studies on Financial Law
- 21601478 Special Studies on Antitrust Law
- 21601479 Special Studies on International Trade Law
- 21601509 General Studies on Tax Law
- 21601481 Special Studies on Tax Law
- 21601482 Studies on small and Medium Business Law
- 21601483 Special Studies on Air Tort Law
- 21601484 Studies on the Law of Compensation for Air Damage
- 21601485 Studies on the Commercial Arbitration Law
- 21601486 Studies on Banking Law
- 21601487 Studies on the Contract of Space Transportation and Insurance
- 21601495 Studies on Deutschs Dreditwesegesetzes
- 21601496 Studies on National Banking Law
- 21601497 Studies on European Law
- 21601498 Studies on European Economic Law and Regulation
- 21601510 Studies on European Negotiable Instruments Law
- 21601500 Studies on England and U.S. Financial Law
- 21601501 Studies on European Financial Law
- 21601502 Studies on Asian Financial Law
- 21601503 Special Study on Copyrights
- 21601504 Special Study on the Patent Right
- 21601505 Legal Study on the Electronic Commerce
- 21601506 Studies on U.S. Antitrust Law
- 21601507 Comparative Studies on Economic Law
- 21601508 Case Studies on Economic Law
- 21601513 Special Studies on M&A Law
- 21601514 Special Studies on the Fair Trade Law
- 21601554 Special Studies on Enterprise Business Action
- 21601555 Special Studies on Securities Suit Law

21601556	Special Studies on Economic Crime
50084232	Case Study on Commercial Law
50084234	Case Study on Negotiable Instruments Law
50084235	Case Study on Insurance Law
50084236	Case Study on Admiralty Law
50084237	Study on Securities Class Action
50084238	Study on Compensation for Damages on Securities
50084239	Special Study on Class Action
50084259	Study on Capital Market Consolidation Law
50084240	Study on Debtor Rehabilitation and Bankruptcy Act
50084242	Special Study on Trademark Law
50084243	Special Study on Design Protection Law

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## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kang, Kyung Keun	Professor	Ph.D.(Korea University)	Constitutional Law	kkkang@ssu.ac.kr
Yoon, Cheol Hong	Professor	Ph.D.(Freiburg University in Germany)	Civil Law	yooch@ssu.ac.kr
Chun, Sam Hyun	Professor	Ph.D.(Frankfurt University)	Commercial Law	shchun@ssu.ac.kr
Jeon, Kuk-Soo	Professor	M.A.(Soongsil University), Lawyer	Administrative Law	jguksoo@ssu.ac.kr
Choi, Jung-Sik	Professor	Ph.D.(Yonsei University), Lawyer	Commercial Law	cjsik@ssu.ac.kr
Seo, Chul Won	Professor	Ph.D.(Seoul University), Lawyer in United state	International Law	cws@ssu.ac.kr
Chae, Woo Wuk	Professor	Ph.D.(Meifi University)	Administrative Law	woosuk@ssu.ac.kr
Jung, In Seop	Professor	Ph.D.(Seoul University)	Labor Law	illi@ssu.ac.kr
Ko, Moon-Hyun	Professor	Ph.D.(Seoul University)	Constitutional Law Public Law	komunhy@naver.com
Yun, Jin Sook	Associate Professor	S.J.D.(Washington University in St.Louis), Ph.D.(Yonsei University)	Legal Philosophy	jsyun@ssu.ac.kr
Lee, Ji-Eun	Assistant Professor	Ph.D.(Seoul University),	Civil Law	leeje@ssu.ac.kr
Kim, Jun-Ho	Assistant Professor	Ph.D.(Tokyo University),	Criminal Law	junhokim@ssu.ac.kr



# Department of Social Welfare

Founded in 1975, the Department of Social Welfare is home to one of the most distinguished social welfare programs in Korea with a long tradition of excellence in social work practice. We began to offer the Master's degree program in 1975, and the PhD program opened in 1979. We strive to provide quality higher education including knowledge, skills and ethical values for future social welfare professionals to better serve our rapidly changing community and social needs. Especially, reflecting on the educational motto of Soongsil University—"Truth and Service"—we cultivate devoted social workers who respect human dignity and value, and advocate for the social and economical minorities to promote social welfare values such as social justice, equality, freedom and democracy. The department currently offers three areas of specialization: Social Work Practice, Social Welfare Administration, and Social Welfare Policy. We pride ourselves on the excellency of our faculty who cover a wide range of various specializations in social welfare, and the excellence of our program has been recognized by various nationwide higher-education-evaluation standards from both private and public sectors.

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## AREAS OF SPECIALIZATION

### Social Work Practice

Social Work Practice track specializes in training professionals equipped with clinical practice ability by researching and investigating values, theories, practice methods and skills in the social work practice field.

### Social Welfare Administration

Social Welfare Administration track develops students' leadership in improving the quality of social services through understanding theories of social service delivery system, running human service organizations, acquiring resource development skills, and developing as well as evaluating social welfare programs.

### Social Welfare Policy

Social Welfare Policy track is for someone who wants to understand required theoretical knowledge necessary to establish, analyze and estimate social security, medical security and social welfare services, and learns practical ways of utilization in various macroscopic dimensions.

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## PROGRAM OF STUDY

Our graduate program provides the fundamentals needed to advance in the field of social work practice, while also providing the necessary skills and knowledge to further one's leadership in social welfare research. In addition to the required core curriculum, additional learning on the values and ethics in social welfare as well as professional skills and knowledge are provided via various practica and research opportunities. We aim to foster social welfare professionals in various fields: social work practitioners who can offer social work services at the individual, family, group, and community levels both in public and private sectors; and social welfare experts who participate in the development and evaluation of social welfare service delivery systems and social welfare policies.

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## CONTACT INFORMATION

Department of Social Welfare

Tel : 82-2-828-7216

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E-mail : [social@ssu.ac.kr](mailto:social@ssu.ac.kr)

Website : [www.ssu.ac.kr/web/mysoongsil](http://www.ssu.ac.kr/web/mysoongsil)

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## COURSES

### Common Courses

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21602043	Community Practice
21602044	Social Service Administration
21602058	Theories in Social Work Education (For Ph.D)
21602060	Social Work with Families
21602062	Social Welfare Law
21602063	History of Development in Social Welfare
21602064	Social Welfare Research Seminar (For Ph.D)
21602065	Philosophies of Science in Social Welfare (For Ph.D)
21602066	Social Work Ethics and Philosophy

21602068	Advanced Social Welfare Research Methods (For Ph.D)
21602069	Clinical Social Work Research Methods (For Ph.D)
21602070	Advanced Social Welfare Seminar (For Ph.D)
21602072	Qualitative Data Analysis
21602073	Evaluation of Clinical Interventions (For Ph.D)
21602076	Advanced Social Welfare Data Analysis I (For Ph.D)
21602078	Qualitative Research Method
21602079	Advanced Qualitative Research Methods
21602084	Social Welfare Research Methodology
21602085	Human Behavior and Social Environment
21602089	Social Services for the Disabled
21602090	Guidance and Study of Thesis
21602091	Social Work Practice Theories
21602092	Gerontological Social Work
21602093	Child Welfare
21602101	Social Work with Youth
21602102	Skills and Techniques in Social Work
21602103	Empirical Evaluation Methods for Social Welfare Policy and Programs (For Ph.D)
21602115	Integrative Methods of Social Welfare
21602120	Social Welfare Data Analysis I
21602124	Social Welfare Policy
21602145	Advanced Social Welfare Data Analysis II (For Ph.D)
21602148	Social Welfare Data Analysis II
21602197	Participatory action research
50084261	International Social Welfare
50084263	Social Welfare and Law
50084264	Strategies of Community Development
50086775	Social Welfare and NGO
50124897	Strategies of Community Welfare
50118601	English Readings in Social Welfare
50227821	Field Practicum
50236191	Women and Social Welfare
50307182	Spiritual Aspects of Social Work Practice

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### Social Work Practice

21602036	Social Work in Mental Health
21602039	Family Counseling
21602041	Theories and Practice of Social Casework (For Ph.D)

## Department of Social Welfare

21602046	Social Work in Mental Health
21602054	Church Social Work
21602055	Addiction and Social Work Practice
21602056	Correctional Social Work
21602061	Theories of Group Social Work Practice
21602074	Advanced Social Work Practice Theory (For Ph.D)
21602086	School Social Welfare
21602094	Theories and Practice of Child Welfare
21602095	Theories and Practices in Gerontological Social Work
21602096	Theories and Practice of Social Work for the Disabled
21602097	Theories of Church Social Work Practice
21602098	Psychiatric Social Work and Practice
21602099	Crisis Intervention
21602100	Sexual Problems and Social Welfare
21602104	PIE System and DSM–5 in Social Work Practice
21602105	Program Study in Clinical Social Work
21602106	Psychosocial Issues in Chronic Diseases
21602107	Social Work Practice in Health Promotion
21602108	Case Management
21602109	The Study of Social Work Field
21602110	Social Work and Stress Management
21602111	Mental Pathology and Social Work
21602112	Mediation and Conflict Resolution for Peace
21602113	Strength Based Social Work Practicum
21602117	Family Therapy
21602121	Social Work Supervision
21602131	Theories of Strength Based Practice
21602133	Techniques in Clinical Social Work
21602141	Various Family Problems and Family Therapy
21602142	Seminar in Disability Issues
21602146	Seminar in Correctional Social Work
21602147	Seminar in Social Work with Youth
50084266	Seminar in Gerontological Social Work
50084267	Multicultural Families and Family Therapy
50084268	Measurement and Evaluation for Social Work Practice
50236188	Social Work practice and Diversity Issues
50236189	Cultural competence in Social Work Practice
50236190	Advanced Research Seminar in Social Work Practice (For Ph.D.)
50321905	Family Therapy and Spirituality

50321907 Family Therapy Supervision

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### Social Welfare Administration

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21602075 Industrial Social Work  
21602077 Theories and Practice of Community Organization  
21602114 Program Development and Evaluation for Social Service  
21602134 Strategic Marketing for Social Welfare  
21602135 Leadership in Social Welfare (For Ph.D)  
21602136 Macro Practice  
21602137 Resource Development for Social Services  
21602138 Human Resource Development for Social Welfare  
21602139 Management in Human Service Organizations  
21602143 Advanced Studies on Social Service Administration (For Ph.D)  
21602144 Organizational Analysis for Social Service Agencies (For Ph.D)  
50084269 Seminar on Social Enterprise  
50248777 Cultural Services and Social Welfare  
50255438 Sharing Culture Studies  
50269358 Volunteer Management  
50274061 Social Economy Studies  
50299411 Social Welfare & Philanthropy  
50299412 Impact Analysis for NPOs  
50315780 Fund-raising  
50388723 Welfare Management  
50323198 Business and Social Welfare

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### Social Welfare Policy

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21602116 Social Policy Seminar  
21602123 Social Security  
21602125 Philosophy and Theories in Social Welfare  
21602126 Social Welfare Economics  
21602127 Social Welfare Policy Evaluation  
21602128 Theories of Welfare State  
21602129 Comparative Social Welfare Policies  
21602132 Social Welfare and Poverty  
21602149 Health Care Policy

# Department of Social Welfare

21602150	Income Maintenance Policy
21602151	Employment Policy
21602152	Social Welfare Political Economy
21602153	Social Welfare Policy Seminar
21602154	Social Welfare Finance
50125704	Social Service Policy
50227294	Social Welfare Policy in Aging Societies
50315776	Pension Policy

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## DEPARTMENTAL REQUIREMENTS

### Master's degree program

'Social Welfare Research Methodology' and 'Social Welfare Data Analysis I' are required courses for all students. Students with bachelor degree other than Social Welfare are required to take 'Field Practicum'.

### Doctor's degree program

'Advanced Social Welfare Research Methods' is a required course for all students.

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Bae, Imho	Professor	Ph.D.(Univ. of Minnesota)	Social Work with Youth, Correctional Social Work	ihbae@ssu.ac.kr
Chung, Moo-Sung	Professor	Ph.D.(Univ. of Chicago)	Social Welfare Administration	program24@hanmail.net
Noh, Helen	Professor	Ph.D.(Univ. of California, Berkeley)	Strength based Practice, Child Welfare	hnoh@ssu.ac.kr
Park, Tai-Young	Professor	Ph.D.(Florida State Univ)	Family Therapy	typark@ssu.ac.kr
Hur, Jun-Soo	Professor	Ph.D.(State Univ. of New York)	Gerontological Social Work	jshur@ssu.ac.kr
Yoo, TaeKyun	Professor	Ph.D.(Univ. of California, Berkeley)	Social Welfare Policy	ytk3471@ssu.ac.kr
Lee, SangEun	Professor	Ph.D.(Univ. of Wisconsin-Madison)	Social Welfare Policy	salee@ssu.ac.kr
Rhee, Chaie-Won	Professor	Ph.D.(Washington Univ. in St. Louis)	Social Work in Health Care, Diversity Issues	chaie-won@hanmail.net
Kim, Kyung Mee	Professor	Ph.D.(Univ. of Kansas)	Social Work with People with Disabilities	kyungm@ssu.ac.kr
Yoo, Seo-Koo	Professor	Ph.D.(Univ. of Texas, Austin)	Case Management	skyoo@ssu.ac.kr
Lee, Jieha	Professor	Ph.D.(Boston University)	Social Service	jieha.lee@ssu.ac.kr
Lee, Sungkyu	Associate Professor	Ph.D.(Univ. of Pennsylvania)	Social Work in Mental Health	slee90@ssu.ac.kr

# Department of Public Administration

The major goal of the Department of Public Administration is to educate students to make them equipped with adequate skills and competence required in this global and digital world, under Soongsil University's founding philosophy of "Truth and Service." The program, in particular, aims to achieve the following objectives: First, to upgrade students' ability to do research and teach in the field of public administration and policy; Second, to produce graduates qualified for both public institutions and state-owned enterprises; Third, to enable students to play a role as leaders in private sectors; Fourth, to encourage students to join international administrative institutes such as the UN, UNDP, WTO, etc. The faculty of the Department are made up scholars who have various academic and practical backgrounds. The Department of Public Administration ranked seventh in research works per a professor as evaluated by the Joongangilbo in 2005. Specialized fields of Department of Public Administration are Information, Evaluation and Urban Policy.

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## AREAS OF SPECIALIZATION

### Public Administration

Public Administration aims to cultivate the next academic generation and to foster high-class managers in charge of administration of organizations including national and local governments, and public enterprises and offers fourteen courses.

### Public Policy

Public Policy aims to cultivate policy-making experts in each field in order to correspond to complicated and diverse administrative demands and offers fourteen courses.

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## PROGRAM OF STUDY

Considering characteristics of policy-making which need experimental analysis about social phenomena, we offer seminars, presentations, and lectures focusing on theories. In case of need, we invite outside experts to raise understanding of practical aspects in the field. To achieve the founding idea of the school motto, "Truth and Service", professors and graduate students jointly take part in some voluntary works such as Habitat and open workshops joining with undergraduate students, graduate students, and other graduates.



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## CONTACT INFORMATION

Department of Public Administration

TEL: 82-2-820-0510

FAX: 82-2-822-3486

E-mail: [pubad@ssu.ac.kr](mailto:pubad@ssu.ac.kr)

Website: [pubad.ssu.ac.kr](http://pubad.ssu.ac.kr)

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## COURSES

### For M.A.

- 
- |          |   |
|----------|---|
| 21602219 | Research Methods in Public Administration I       |
| 21602220 | Quantitative Analysis in Public Administration II |
| 21602221 | Public Administration Theory                      |
| 21602223 | Theories in Public Policy                         |
- 

### For Ph.D.

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- |          |  |
|----------|--|
| 21602225 | Research Methods in Public Administration II |
| 21602236 | Advanced Theories of Public Administration   |
| 21602255 | Advanced Theories of Public Policy           |
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### Public Administration

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- |          |   |
|----------|---|
| 21602226 | Seminar in Administrative Information Management System |
| 21602227 | Seminar in Organization Theory                          |
| 21602228 | Seminar in Organizational Behavior                      |
| 21602229 | Seminar in Public Personnel Administration              |
| 21602230 | Seminar in Public Financial Administration              |
| 21602231 | Seminar in Public Management                            |
| 21602232 | Seminar in Development Administration                   |
| 21602233 | Seminar in Urban Administration                         |
| 21602234 | Quantitative Analysis in Public Administration II       |
| 21602235 | Special Topics in Public Administration                 |
| 21602237 | Seminar in Tax Administration                           |

# Department of Public Administration

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21602238	Seminar in Local Administration
21602239	Seminar in Social Planning
21602240	Seminar in Administrative Ethics

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## Public Policy

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21602241	Seminar in Policy Formation
21602242	Seminar in Policy Analysis
21602243	Seminar in Policy Implementation
21602244	Seminar in Policy Evaluation
21602245	Seminar in Education Policy
21602246	Seminar in Resources Management Policy
21602247	Seminar in Social Security Policy
21602248	Seminar in Industrial Policy
21602249	Seminar in Small Business Policy
21602250	Special Topics in Public Policy
21602251	Seminar in Information and Communication Policy
21602252	Seminar in Science and Technology Policy
21602253	Seminar in Environmental Protection Policy
21602254	Seminar in Housing Policy

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## DEPARTMENTAL REQUIREMENTS

### Mandatory Courses

Master's Program: No mandatory courses

Doctoral Program: Two courses out of Research Methods in Public Administration II, Advanced Theories of Public Policy, and Advanced Theories of Public Administration.

### Required Credits for graduation

Master Program: 24 credits

Doctoral Program: 36 credits

### Others

Master's Program: Thesis to be completed after finishing all coursework for three semesters

Doctoral program: Dissertation to be completed after finishing all coursework for four semesters

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Yu, Byung-Uk	Professor	Ph.D. (Univ. of Georgia, 1990)	Public Financial Administration, Planning Theory, Non-Profit Organizations	ybyuk@ssu.ac.kr
Kim, Sung-Bae	Professor	Ph.D. (Harvard Univ., 1990)	Local Administration, Urban Administration, Environmental Administration	graal@ssu.ac.kr
Oh, Cheol-Ho	Professor	Ph.D. (Univ. of Illinois at Urbana-Champaign, 1992)	Special Topics of Policy Science, Policy Formation, Policy Implementation and Management	coh@ssu.ac.kr
Woo, Yoon-Seuk	Professor	Ph.D.(Cardiff University, 2003)	Public Management, Government Innovation, Digital Governance	wooy@ssu.ac.kr
Bae, Kwi-Hee	Professor	Ph.D. (Univ. of Southern California 2004)	Public Personnel Administration, Public leadership and governance, Administrative Ethics	khh@ssu.ac.kr
Kang, In-Sung	Professor	Ph.D. (Florida State Univ., 2005)	Theory of Public Administration, Public Administration and Global Cooperation, Government and National Development	iikim@ssu.ac.kr
Kwon,Nam-ho	Associate Professor	Ph.D.(Carnegie Mellon Univ. 2017)	Public Policy and Management	nhkwon@ssu.ac.kr
Kim Ki-Hyung	Assistant Professor	Ph.D. (Korea Univ. 2004)	Public Policy	kkhyung@ssu.ac.kr
Kim, Kyu-Il	Emeritus Professor	Ph.D.(Univ. of Texas Austin, 1981)	Public Policy	kikim@ssu.ac.kr

## Department of Public Administration

Name	Position	Degree	Major	E-mail
Kim, Young-Jong	Emeritus Professor	Ph.D.(Florida State Univ. 1985)	Public Personnel Administration, Administrative Ethics, Comparative and Development Administration, Administrative Theory	yjkim@ssu.ac.kr
Kim, Wansik	Emeritus Professor	Ph.D. (The Australian National Univ., 1990)	Administrative Organization Theories, Organizational Behavior, Methodology in Public Administration	wskim@ssu.ac.kr
Lee, Yoon-Shik	Emeritus Professor	Ph.D. (Univ. of Michigan, 1986)	Policy Analysis and Evaluation, Public Management Information System, Digital Government	yoonslee@ssu.ac.kr

# Department of Political Science and International Relations

The Department of Political Science & International Relations aims to cultivate professional human resources who can contribute to construct a democratic society and national unification. To accomplish this, the Department of Political Science & International Relations educates students with diverse and realistic perspectives to develop specified policy-planning abilities based on firm theoretical understanding.

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## AREAS OF SPECIALIZATION

1. Unification & North Korean Studies
2. Korean Politics
3. Comparative Politics
4. International Relations
5. Political Theory/Political Thought

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## PROGRAM OF STUDY

Teaching is by a variety of lectures and seminars. Assessment is by written examination, assessed coursework, presentation, and a dissertation. The percentage of the final mark awarded for the continuously assessed component varies across modules.

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## CONTACT INFORMATION

Department of Political Science & International Relations

TEL : 82-2-820-0520

E-mail : [politics@ssu.ac.kr](mailto:politics@ssu.ac.kr)

Website : <http://www.ssu.ac.kr/web/psir>

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## COURSES

### Primary Courses

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21602481      Research Methodology in Political Science

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### Unification and North Korean Studies

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21602348      Theories of International Politics  
21602382      Comparative Study of Political Culture and Citizen Education in Advanced Countries (United States, Germany, Japan and Korea)  
21602363      Unification Policy of North Korea  
21602364      Unification Policy of South Korea  
21602365      Major Powers and Division of Korean Peninsula  
21602366      North Korean Society  
21602367      South Korean Society  
21602368      Ideal and Reality of North Korea's Juche Ideology  
21602369      Ideal and Reality of Korea's Liberal Democracy  
21602370      Unification Preparation and Post-Unification Korea  
21602371      Comparative Study on South and North Korean Economy & Society  
21602372      Comparative Study of Political culture and Education in Advanced Countries  
21602373      Comparative Study of Divided Nations  
21602374      International Politics of Northeast Asia  
21602375      Foreign Policy of North Korea  
21602376      Foreign Policy of South Korea  
21602377      American Foreign Policy and the Korean Peninsula  
21602378      Russian Foreign Policy and the Korean Peninsula  
21602379      Japanese Foreign Policy and the Korean Peninsulas  
21602380      Chinese Foreign Policy and the Korean Peninsula  
21602381      Korean War  
21602384      Korean Politics  
21602389      North Korean Politics  
21602404      Korean Security  
21602430      International Politics Seminar  
21602431      Division and Unification  
21602445      Democracy and Leadership  
21602454      Foreign Policy

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## Korean Politics

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- 21602346 History of Political Thought
- 21602347 Theories of Comparative Politics
- 21602348 Theories of International Politics
- 21602354 Contemporary Political Thought
- 21602355 Theories of Modern States
- 21602356 Comparative Politics Seminar
- 21602357 Korean Political Thought
- 21602358 Oriental Political Thought
- 21602360 Political Sociology
- 21602361 Ideologies of South and North Korea
- 21602382 Comparative Study of Political Culture and Citizen Education in Advanced Countries (United States, Germany, Japan and Korea)
- 21602372 Comparative Study of Political culture and Education in Advanced Countries
- 21602373 Comparative Study of Divided Nations
- 21602376 Foreign Policy of South Korea
- 21602384 Korean Politics
- 21602389 North Korean Politics
- 21602390 Theories of Political Development
- 21602391 Political Thought Seminar
- 21602392 Korean Politics Seminar
- 21602393 Korean Political Thought Seminar
- 21602395 Korean Political Process Seminar
- 21602396 Korean Political Party Seminar
- 21602397 Problems of Korean Reunification
- 21602398 Theory of Korean Political Society
- 21602399 Political Problems of Modern Korea
- 21602400 Korean Nationalism
- 21602401 Korean Power Structure
- 21602402 Korean Political Economy
- 21602403 Korean Political System Change
- 21602404 Korean Security
- 21602405 Korean Political History
- 21602406 Korean Political Documents
- 21602407 Korean political Culture
- 21602408 History of Korean Diplomacy
- 21602409 Comparative Study of Eastern and Western Political Thoughts
- 21602410 Political Thinkers

21602411	Korean Independence Movements
21602412	Topical Study of Korean Politics
21602413	Political Change of Modern Korea
21602414	Modern Korean Political Thought
21602415	Political Thought of Early Chosun Dynasty
21602416	Liberal Political Thought
21602417	Parliamentary Politics of Korea
21602418	Religion and Politics
21602419	Political Parties
21602420	Elections
21602421	Political Ethics
21602422	Comparative Study of Nationalisms
21602423	Korean Bureaucracy
21602424	Political Development in Korea
21602425	Developing Countries
21602426	Comparative Study of Political Leadership
21602428	International Political Economy
21602430	International Politics Seminar
21602475	Civilization and Politics

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### Comparative Politics

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21602347	Theories of Comparative Politics
21602349	Contemporary Political Theory
21602355	Comparative Modern States
21602366	Comparative Politics Seminar
21602360	Political Sociology
21602382	Comparative Study on Political Culture and Citizen Education in Advanced Countries (United States, Germany, Japan and Korea)
21602372	Comparative Study of Political culture and Education in Advanced Countries
21602373	Comparative Study of Divided Nations
21602390	Political Development
21602418	Religion and politics
21602419	Political Party
21602420	Election
21602422	Comparative Study of Nationalism
21602426	Comparative Study of Political Leadership
21602433	Political Power
21602439	Election and Political Party



21602440	Election and Electoral System
21602441	Political Change
21602442	Civil Society
21602443	Modern Political Analysis
21602444	Political Marketing
21602445	Democracy and Leadership
21602446	Modern Political System
21602467	Politics and Cultures
21602452	Local Politics
21602395	Korean Political Process
21602367	Korean Political Society
21602384	Korean Politics
21602392	Korean Politics Seminar
21602396	Korean Political Party Seminar
21602401	Korean Power Structure
21602402	Korean Political Economy
21602403	Change of Korean Political System
21602423	Korean Bureaucracy
21602424	Political Development of Korea
21602366	North Korean Society
21602371	Comparative Study of South and North Korean Economy & Society
21602374	International Politics of Northeast Asia
21602389	North Korean Politics
21602434	American Politics
21602436	Japanese Politics
21602437	Chinese Politics
21602438	Russian Politics
21602435	European Politics
21602432	Politics of the Third World Countries
21602425	Developing Countries
21602449	Comparative Parliamentary Politics
21602450	British Politics
21602451	French Politics

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## International Relations

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- 21602347 Theories of Comparative Politics
- 21602348 Theories of International Politics
- 21602355 Comparative Modern States
- 21602356 Comparative Politics Seminar
- 21602365 Major Powers and Division of the Korean Peninsula
- 21602372 Comparative Study of Divided Nations
- 21602374 International Politics of Northeast Asia
- 21602375 Foreign Policy of North Korea
- 21602376 Foreign Policy of South Korea
- 21602377 American Foreign Policy and the Korean Peninsula
- 21602378 Russian Foreign Policy and the Korean Peninsula
- 21602379 Japanese Foreign Policy and the Korean Peninsula
- 21602380 Chinese Foreign Policy and the Korean Peninsula
- 21602408 History of Korean Diplomacy
- 21602422 Comparative Study of Nationalism
- 21602428 International Political Economy
- 21602430 International Politics Seminar
- 21602431 Division and Unification
- 21602432 Politics of the Third World Countries
- 21602434 American Politics
- 21602435 European Politics
- 21602436 Japanese Politics
- 21602437 Chinese Politics
- 21602438 Russian Politics
- 21602453 International Politics of the 21 Century
- 21602454 Foreign Policy
- 21602455 International Organizations
- 21602456 History of Diplomacy
- 21602457 Korean–Japanese Relations
- 21602458 Korean–American Relations
- 21602459 Korean–Russian Relations
- 21602460 Korean–Chinese Relations
- 21602461 Foreign Policy of Small Countries
- 21602462 War and Peace

## Political Theory & Political Thought

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21602349	Contemporary Political Theory
21602354	Contemporary Political Thought
21602357	Korean Political Thought
21602358	Oriental Political Thought
21602391	Political Thought Seminar
21602393	Korean Political Thought Seminar
21602394	Oriental Political Thought Seminar
21602409	Comparative Study between Eastern and Western Political Thoughts
21602410	Political Thinkers
21602414	Modern Korean Political Thought
21602415	Political Thought of Early Chosun Dynasty
21602422	Comparative Study of Nationalism
21602463	Ancient Western Political Thought
21602464	Modern Political Thought
21602465	Liberal Political Theory
21602466	Socialist Political Theory
21602468	Plato's Political Thought
21602469	Aristotle's Political Thought
21602470	John Stuart Mill's Political Thought
21602471	New Liberalism
21602472	Modern Liberalism
21602473	Communitarianism
21602474	Socialism
21602475	Civilization and Politics
21602476	Confucian Political Thought
21602477	Taoist Political Thought
21602478	Toege's Political Thought
21602479	Practical Political Thought of the Late Chosun
21602480	Politics and Literature
21602481	Research Methodology in Political Science

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## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Suh, Byung-Hoon	Professor	Ph.D. (Rice Univ.)	Political Theories: Western Political Thoughts	bhsuh@ssu.ac.kr
Cho, Hong Sik	Professor	Institut d'Etudes Politiques de Paris	International Political Economy	chs@ssu.ac.kr
Lee, Jung Chul	Professor	Ph.D. (Seoul National Univ.)	Politics and Economies of North Korea	rheepan@ssu.ac.kr
Kim, Tae-Hyung	Professor	Ph.D. (Kentucky Univ.)	International Politics	tkim2002@ssu.ac.kr
Kim, Jiyoung	Associate Professor	Ph.D. (California-Irvine Univ.)	International Political Economy International Development Cooperation	jiyoung.kim@ssu.ac.kr
Shin, Jung Sub	Assistant Professor	Ph.D. (Missouri-Columbia Univ.)	Comparative Politics	jsshin.polisci@ssu.ac.kr
Chun, Tuk-Chu	Emeritus Professor	Ph.D. (München Univ.)	Foreign Politics, Unification Policy on North Korean	tcchun@ssu.ac.kr
Jung, Yeon-Sun	Emeritus Professor	Ph.D. (Korea Univ.)	Political Thoughts	ysjung@ssu.ac.kr
Han, Myung-soo	Emeritus Professor	Ph.D. (Ecole des Hautes Etudes en Sciences Sociales)	Comparative Politics	mshan@ssu.ac.kr
Moon, Soo-Eon	Emeritus Professor	Ph.D. (Claremont Graduate School)	International Politics, Russian Politics	semoon@ssu.ac.kr

# Department of Journalism, PR, and Advertising

Graduate program at the Department was established to provide students with high-quality education in Journalism, PR, and Advertising. The Department offers courses on diverse theories of communication and research methods. A degree from the Department is one of the most sought after in the field.

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## AREAS OF SPECIALIZATION

### MA in Journalism

To cultivate communication experts required in a rapidly-changing society of the 21st century, the Department of Journalism, PR, and Advertising aims to educate students who can take the lead in the field. The Department offers the curriculum to raise students' creativity and thinking ability through the balanced coursework of theories and practices.

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## PROGRAM OF STUDY

Most classes are conducted as the format of lecture and discussion seminar.

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## CONTACT INFORMATION

Department of Journalism, PR, and Advertising

TEL : 82-2-820-0306

FAX : 82-2-812-3289

E-mail : [masscom@ssu.ac.kr](mailto:masscom@ssu.ac.kr)

Website : [www.ssu.ac.kr/masscom](http://www.ssu.ac.kr/masscom)

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## COURSES

### Basic courses

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21603324	Communication Theory I
21603325	Mass Communication Theory I
21603326	Communication Research Methodology I
21603327	Communication Research Methodology II
21603331	Data Analysis Method in Communication
21603332	History of the Korea Press
21603333	Theories of Broadcasting
21603328	Digital Journalism
21603329	Philosophy of the Press
21603330	Individual Studies I
21603336	Individual Studies II
21603334	Contemporary Mass Communication Theory

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### Advertising/ PR/ Broadcasting Culture/ Mass Media

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21603350	Media Management
21603351	Media Economic Policy
21603352	Media Economic History
21603353	Control of Mass Media
21603380	Effects of Mass Communication
21603354	Media and Law
21603382	Sociology of Mass Communication
21603384	General Semantics
21603355	Media Criticism
21603356	Media Literacy
21603357	Special Studies in Broadcasting
21603358	Seminar on Broadcasting
21603386	Political Communication
21603387	Communication and Religion
21603424	Special Studies in Print Journalism
21603425	Research Methodology in History of Journalism
21603390	Case Studies in Public Opinion and Propaganda
21603359	Images and Symbolism
21603337	Special Studies in Advertising
21603338	Advertising Campaign Study

- 21603339 Advertising for Non-profit Organizations
- 21603340 Advertising and Media Strategy
- 21603341 Communication and Persuasion
- 21603342 Advertising Law & Ethics
- 21603344 PR for Administration
- 21603345 Case Study of PR
- 21603343 Advertising Management and Strategy
- 21603346 Introduction to PR
- 21603347 PR Theory
- 21603348 Corporate PR
- 21603349 PR Management
- 21603370 Performance Studies
- 21603371 Drama Analysis and Criticism
- 21603372 Political Economic Theory
- 21603373 Modern Society and Culture
- 21603374 Critical Approaches to the Arts
- 21603360 Special Studies in Cinema
- 21603361 Special Studies in Theatre
- 21603362 Seminar on TV and Film Aesthetics
- 21603394 Communication and Culture
- 21603363 Visual and Film Industry
- 21603364 PR Case Study
- 21603365 Non-verbal Communication
- 21603381 Psychology of Mass Communication
- 21603385 Anthropology of Mass Communication
- 21603388 Information Theory
- 21603389 System Theory
- 21603391 Organizational Communication
- 21603393 Persuasion and Attitude Change
- 21603395 International Communication
- 21603366 Telecommunication Industry
- 21603367 Information Society Theory
- 21603368 Feminist Approach to Mass Media
- 21603396 (21603397) Independent Studies in Mass Communication I, II
- 21603398 (21603415) Special Topics in Media I, II
- 21603399 Cyberspace Communication
- 21603369 Digital Media Policy
- 21603400 (21603416) Semiotics I, II
- 21603375 Cyberspace Communication

# Department of Journalism, PR, and Advertising

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21603376	Media technology Studies
21603377	Digital Contents
21603378	Cultural Studies in the Era of New-Liberalism
21603379	Information and Entertainment Economics
21603402	Communication Theory II
21603404	Mass Communication Theory II
21603406 (21603408)	Applied Media Studies I, II
21603423	Communication Law & Ethics
21603410 (21603419)	Functions and Responsibilities of Mass Communication Senders I, II
21603383	Cultural History of Technology and Media
21603403 (21603418)	Media Analysis I, II
21603405	Philosophical Study on Media
21603407	Mass Media and Modernity
21603409 (21603414)	Audience Analysis I, II
21603411 (21603420)	Historical Study of Mass Communication I, II
21603412 (21603421)	Topics in Mass Communication I, II
21603413 (21603422)	Problems and Issues in Mass Communication I, II
21603401 (21603417)	Studies in Foreign Culture and Communication I, II
21603426	Journalism Industry
21603405	Philosophical Study on Media
50124824	Hollywood Film Communication
50247711	Directing Fundamental
50255396	Visual Storytelling
50321909	Media Ecology
50321911	Theory of Media Creativity

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## DEPARTMENTAL REQUIREMENTS

1st Semester	: Communication Research Methodology, Advertising Management and Strategy, Journalism Industry
2nd Semester	: Mass Communication Theory, Media Technology Studies, PR Management
3rd Semester	: Special Studies in Cinema, Audience Analysis, Area exam and foreign language exam
4th Semester	: Master's Thesis



## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Park, Chang-hee	Professor	Ph.D. (Ohio State University)	Broadcasting and Cultural Studies	park6610@ssu.ac.kr, park6610@chollian.net
Park, Woong-ki	Professor	Ph.D. (Temple University)	Mass Media and Communication	wkpark@ssu.ac.kr
Kim, Sa-seung	Associate Professor	Ph.D. (Leicester University)	Digital Journalism	sasskim@ssu.ac.kr, ssk2796@gmail.com
Kim, Hyo-sook	Associate Professor	Ph.D. (Univ. of Maryland)	Public Relations	khs728@hotmail.com, hyosookkim@ssu.ac.kr
Kim, Jin-sub	Associate Professor	M.F.A. (Columbia University)	Film Directing	jsub@ssu.ac.kr
Lee, Seul	Associate Professor	Ph.D. (Univ. of Florida)	Advertising	seullee@ssu.ac.kr

# Department of Information Sociology

The Department of Information Sociology cultivates human resources who can lead the quickly changing Information society through specialized education programs guided by the best faculty members among the Departments of Information Sociology in Korea.

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## AREAS OF SPECIALIZATION

We actively cope with market demands through building cooperative relationships with Internet companies and institutions. We also focus on cultivating talented people who can be active as leaders in society equipped with the understanding of fundamental flows in macroscopic nation's policy.

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## PROGRAM OF STUDY

By offering seminars where students can freely run courses with active debate on subjects, we are sure that they will acquire how to utilize academic knowledge by themselves. Moreover, we set a goal of training professional researchers who can figure out a problem and find a systematic solution to given problems by taking basic course including various methodology classes for effective analysis of real society phenomenon and by studying further to expand their capacities as professionals.

All courses are electives.

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## CONTACT INFORMATION

Department of Information Sociology

TEL : 82-2-820-0047

FAX : 82-2-820-0047

E-mail : [inso@ssu.ac.kr](mailto:inso@ssu.ac.kr)

Website : <http://inso.ssu.ac.kr>

## COURSES

All courses are electives

21603477	Theories of Information Society
21603478	Social Research on Information Society
21603479	Social Statistics
21603480	Cyberculture
21603481	Organization and Database
21603482	Social Policy on Information Society
21603483	International Society and Information Network
21603484	Sociology of Internet Media
21603485	Cyber-Deviance
21603486	Seminar on Cybersociety
21603488	Seminar on Information Society
21603489	Social Psychology of Internet
21603490	Informatization and Korean Society
21603491	Digital Divide Social Inequality
21603492	Understanding Information Societies and Communities
21603493	Internet and Social Movement
21603494	Information Society and Postmodernity
50274926	Sociology of SNS(Social Network Service)
50274928	Image Media and Information Society
50274929	Qualitative Research Methods
50274930	Information Visualization and Presentation

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Lee, Seong-Sik	Professor	Ph.D.(Univ. of Wisconsin-Madison, 1993)	Cyber Ethics & Criminology	lss824@ssu.ac.kr
Suh, Moon-Gi	Professor	Ph.D.(Brown Univ., 1997)	Information Sociology & Development	mgsuh@ssu.ac.kr
Park, Chang Ho	Professor	Ph.D.(Univ. of Hull, 1998)	Sociology of Cyberculture	widepark@ssu.ac.kr
Yoo, Eun Hye	Assistant Professor	Ph.D.(Univ Minnesota -Twin Cities, 2012)	Internet and Social Movement	eyoo@ssu.ac.kr
Baek, Kyungmin	Assistant Professor	Ph.D.(Univ Minnesota -Twin Cities, 2014)	Organization & Database	kbaek37@ssu.ac.kr

# Department of Business Administration

Department of Business Administration inherits the glorious traditions of Soongsil university, cultivating talented and honest volunteering leaders. By teaching professional Knowledge through lectures, seminars and the sincere attitudes of students, the Department of Business Administration fosters superior human resources who can contribute to social development and national profits. The department practices detailed plans for the future as follows in areas of specialization.

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## AREAS OF SPECIALIZATION

### Organization and Human Resource Management

In the age of limitless competition in the 21<sup>st</sup> century, one of the most important properties are human resources. Previously, tangible values such as industrial competition, and material and financial resources had been regarded as the origin of competition. However, in the age of recent knowledge competition, intangible values such as knowledge, skills, abilities, and experiences acquired by human resources are regarded as the source of competition. Thus, this area focuses on educating management methods and related theories which can research and develop human resources. Moreover, this area helps students to learn the way to strengthen competitiveness by utilizing people who are qualified and able to figure out things needed to achieve the goals of each corporation.

### Financial Management and Planning

Modern finance is a high-tech industry, requiring more sophisticated quantitative tools to assess and manage risks and returns. This program is intended to prepare students for a wide range of careers both inside and outside the financial industry, including corporate finance, financial engineering and risk management, quantitative asset management, macroeconomic and financial forecasting, quantitative trading, and other applied research positions. Although the program does not require prior work experience in finance, students are encouraged to be exposed to finance-related fields. The program is also appropriate for engineers, mathematicians, physicists, computer programmers or other high-tech professionals seeking a career change into the finance world.

### Marketing

Marketing is a way of life in a sense. Marketing is a broad field entailing a wide variety of tasks involving activities to build customer relationships by delivering customer value. However, the power of marketing comes through integration: putting all elements related to individuals or

social life at the heart of the consumption process. In order to achieve this, the marketing curriculum consists of marketing courses designed to deliver the disciplinary fundamentals for success and the research excellence that advances business knowledge. There are many courses in marketing, such as advertisement media planning, service marketing, sports marketing, marketing research, and consumer behavior. These courses in marketing provide the professional preparation needed for a variety of business and management careers.

### Operations Management

This area provides a foundation in modern techniques of Operation Management for graduates with degrees in business administration and other related areas. The central feature of the course is its blend of core management practical concepts and principles with the modern research methods required for their application in business administration areas.

### Management Information Systems

Information technology has become a key component in accomplishing strategic and operational goals in organizations today. This area is designed to apply the student with the fundamental concepts and principles of information systems into a business world, and conduct related studies with the modern research methods. Therefore, it focuses on both breadth of coverage and the depth of any specific IS area. Main subjects include: the role of IT in organizations, computers and information processing, hardware and software, managing data resources, telecommunications and networks, electronic commerce, knowledge management, security, IS ethics and leading information technologies and applications.

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## PROGRAM OF STUDY

- 1) By offering advanced theory courses in each specialized field, we teach theories and practical methods related to Business Administration, and guide students to contact with more profound theories and new approaches, so that they can write theses at a superior level which can be acknowledged in research seminars as well as in the academic society.
- 2) We focus on cultivating practical abilities with the priority of theoretical and practical management methods so that students can compete in the global information age. To achieve this goal, a variety of programs including practice applications, example studies, business games, group studies, CEO invitation lectures, and industrial–educational cooperation are offered to students.

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## CONTACT INFORMATION

Department of Business Administration

TEL : 82-2-820-0580

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Website : <http://biz.ssu.ac.kr>

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## COURSES

### Common Course

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21601738	Special Topics in Business Administration
21601739	Research & Survey Methods
21601745	Business Strategy
21601746	Business History
21601923	Business Ethics
21601748	Special Topics in Management
50084176	Principles of Business Administration
50084177	Principles of Accounting
50084178	Statistics
50300654	International Business
50315831	Advanced International Business
50326417	Seminar on International Business
50326419	Seminar on Advanced International Business
50416554	Intellectual property management

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### Organization and Human Resource Management

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21601774	Human Resource Management
21601838	Special Topics in Human resource Management
21601848	Seminar in Human Resource Management
21601842	Industrial Relations
21601847	Seminar in Industrial Relations
50084179	Special Topics in Industrial Relations
21601853	Human Resource Development
50084180	Seminar in Human Resource Development

50084181	Special Topics in Human Resource Development
21601858	International Human Resource Management
21601840	Organizational Behavior
21601860	Special Topics in Organizational Behavior
21601859	Seminar in Organizational Behavior
21601861	Research Method in Organizational Behavior
50325939	Research Method in Organizational Behavior
50325941	Special Topics in Research Method in Organizational Behavior
21601855	Organization Theory
50084182	Special Topics in Organization Theory
21601856	Organizational Culture
50325943	Special Topics in Organizational Culture
21601857	Leadership Development
50325945	Special Topics in Leadership Development
50325947	Seminar in Leadership Development
21601854	Group Dynamics
21601851	Organization Development
50325949	Special Topics in Organization Development
21601862	Cultural Difference Management
50084199	Estimation and Compensation Management
50084200	Motivation Theory
50325951	Special Topics in Motivation Theory
50325953	Organizational Communication
50325955	Special Topics in Organizational Communication
50325957	Individual Characteristics
50325959	Seminar in Individual Characteristics
50389515	Organization Behaviors in Social Economy and Social Enterprises
50389517	Individual Behaviors in Organizations

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### Financial Management and Planning

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21601867	Theory of Financial Management
21601868	Money and Capital Market
21601869	Working Capital Management
21601870	Financial Analysis
21601871	Investments
21601872	Portfolio Management
21601873	Security Analysis
21601874	Seminar in Corporate Finance

# Department of Business Administration

21601875	Research Methods in Finance
21601876	Econometrics in Finance
21601877	Seminar in Investments
21601878	International Finance
21601879	Seminar in Futures and Options Market
21601880	Mergers and Acquisitions
21601881	Quantitative Corporate Finance
21601882	Market Microstructure Theory
21601883	Global Financial Strategies
21601884	Seminar in Valuation
21601885	Project Cost Engineering
21601886	Project Financing
21601887	Financial Econometrics I
21601888	Financial Econometrics II, Financial Time Series
21601889	Stochastic Method in Finance
21601890	Financial Engineering
21601891	Fixed Income Markets
50116440	Financial Institutions

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## Marketing

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21601742	Strategic Management
50084183	Introduction to Consumer Behavior
50084184	Consumer Decision Behavior
21601749	Consumer Behavior Analysis
21601750	Marketing Channel Strategies
21601752	Marketing Research
21601753	Marketing Strategies
21601754	Special Topics in Marketing
21601755	Seminar in Marketing
21601759	Marketing in Service Industry
21601760	Advanced Sales Promotion Strategies
21601761	Mathematical Models in Marketing
21601762	Marketing of New Products
21601800	Marketing Information System
21601764	High-Tech Marketing
21601772	Pricing Strategies
21601766	Psychometrics for analysis of Consumers
21601763	Forecasting Consumer Demand



21601767	Advanced Marketing Research
21601765	Physical Distribution System
21601770	Advanced Advertising Strategies
21601768	Franchising Marketing
21601769	Internet & Data-Base Marketing
21601756	Global Marketing Management
21601773	Sponsorship
21601771	Sports Marketing
50084185	Intergrated Marketing Communications
50084186	Behavioral Research
50084187	Consumer Information Processing
50084188	Theories of Social Psychology
50084189	Cognitive Psychology

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### Operations Management

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21601833	Seminar in Management Science
21601786	Project Management
21601834	Project Scheduling and Cost Management
21601788	Project Risk management
21601835	Seminar in Project Management
21601836	Product Development Management
21601818	Strategic Total Quality Management
21601819	Quality system and Quality Innovation
21601820	Special Topics in Total Quality Management
21601821	e-Operation
21601822	Supply Chain Management System
21601823	SCM and Its Application
21601825	Service Operation Management
50084196	Service Strategy and Innovation
50084197	Special Topics in Service Operations Management
50084198	Special Topics in Supply Chain Management
50228295	Principle of CRM and its Application

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### Management Information Systems

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21601801	Algorithm and Programming
21601824	Networking Management
21601776	Management Information Systems
21601794	Database Management Systems

# Department of Business Administration

21601796	Electronic Commerce
21601804	Knowledge Management
21601807	Seminar for Management Information System
21601811	Special Topics in Data Mining
21601812	Special Topics in Internet Marketing
21601815	Electronic Commerce Seminar
21601808	Cyber Community and e-Business
21601799	e-Business
21601826	Strategic Enterprise Management and IT
21601827	Seminar in e-Business
21601828	Ubiquitous Business
21601829	e-ERP:(extended-Enterprise Resource Planning)
21601830	Business Strategy Game
21601831	Business Communication
21601832	Creative Problem Solving and Business Decision Making
21601837	Digital Management
21601816	Research Methodology in OMIS
50084192	Strategic Management of Information System
50084193	e-CRM (electronic Customer Relationship Management)
50084194	SOA : Service Oriented Architecture
50084195	BPMS : Business Process Management System
50326401	Information Technology and International Development Cooperation
50326403	Bigdata Analysis and Management
50326405	Information Technology and open collective intelligence
50326407	IT Trends and Future Management
50326409	Social Network Services and e-Business
50326411	Internet Of Things and Business
50326413	Enterprise Integration and IT
50326415	Theory of Information Communication Technology Integration
50349297	Industry 4.0 and Management
50349299	Information Communication Technology and Official Development Assistance: ICT & ODA
50365286	IT Convergence and Management
50375348	Creative Innovation and Business Modeling
50389513	The Fourth Industrial Revolution and Strategic Management
50375350	Information Technology and Business Innovation : Issues and Trends
50413421	Machine Learning and Management of the Future
50422679	Management and Artificial Intelligence
50422681	Data Strategy Management

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## DEPARTMENTAL REQUIREMENTS

### Master's Degree Program

1st Semester : Principles of Accounting / Principles of Business Administration / Korean Language

2nd Semester : Statistics / Marketing (Courses for International Students) / Financial Management (Courses for International Students)

3rd Semester : Research & Survey Methods / Organization and Human Resource Management (Courses for International Students)

4th Semester : Major Courses

### Doctoral Degree Program

All courses are the same as those for Korean students.

Research & Survey Methods is a mandatory course for all students and that course will be offered every semester.

The doctoral program consists of course work and a thesis. The course will be given either as a series of lectures or seminars. Assessment will be processed by written examination, coursework assessment, and a dissertation. During the course work, the Ph.D. candidates propose their thesis topics. After finishing the fourth semester and passing a written examination, the Ph.D. students can go forward to write their thesis. The thesis should be accepted by the thesis committee.

# Department of Business Administration

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Han, Kyeong-Seok	Professor	Ph.D. (Purdue University)	MIS	kshan@ssu.ac.kr
Yoo, Han-Ju	Professor	Ph.D. (Korea University)	Quality Management	hyoo@ssu.ac.kr
Kim, Keun-Bae	Professor	Ph.D. (Univ. of Pennsylvania)	Marketing	kbkim@ssu.ac.kr
Lee, Sang-Ho	Professor	Ph.D. (State Univ, of New York/Buffalo)	Organization / Human Resource Management	shlee@ssu.ac.kr
Kim, Yong-Duk	Professor	Ph.D. (Univ. of Wisconsin-Madison)	International Business	ydkim@ssu.ac.kr
Jang, Beom-Sik	Professor	Ph.D. (Univ. of Texas at Austin)	Business Finance Investments	bsjang@ssu.ac.kr
Ahn, Tae-Ho	Professor	Ph.D. (Univ. of Florida)	Project Management	ahnt@ssu.ac.kr
Gim, Gwang-Yong	Professor	Ph.D. (Georgia State Univ.)	MIS	gygim@ssu.ac.kr
Song, Chang Seok	Professor	Ph.D. (Seoul National University)	International Marketing	tongtang@ssu.ac.kr
Ahan, Seung-Ho	Professor	Ph.D. (Oklahoma Univ.)	Marketing / Retailing	shahn@ssu.ac.kr
Rhee, Joon-hee	Professor	Ph.D. (Warwick Univ)	Financial Theory	joonrh@ssu.ac.kr
Rhee, Tae-Sik	Professor	Ph.D.(Univ. de Paris 1)	Human Resource Management / Organization	rhee@ssu.ac.kr
Kang, Gi-Du	Professor	Ph.D.(Univ. of Illinois)	Service / Sports Marketing	gikang@ssu.ac.kr
Choi, Jeongil	Associate Professor	Ph.D.(Univ. of Nebraska at Lincoln)	MIS / Media Management	jichoi@ssu.ac.kr
Park, Jong-Woo	Associate Professor	Doctor of Science(George Washington Univ.)	Operations Management	jongpark7@ssu.ac.kr
Shin, Ho-Chul	Associate Professor	Ph.D. (University of Tulsa)	Organization / Human Resource Management	hshin@ssu.ac.kr
Choen, Hongsik	Associate Professor	Ph.D. (University of Florida)	Marketing/ Advertisisng	hcheon@ssu.ac.kr

## Graduate School of Soongsil University

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Kwak, Won-Jun	Assistant Professor	Ph.D. (Purdue Univ at West Lafayette)	Human Resource Management / Organization	kwak@ssu.ac.kr
Kim, Soo-Hyun	Assistant Professor	Ph.D. (Georgia Institute of Technology)	Financial Engineering / Financial Statistics	soo_hyun.kim@ssu.ac.kr
Choi, Sujung	Assistant Professor	Ph.D. (University of California at Irvine)	Finance	sjchoi@ssu.ac.kr

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# Department of Economics

In this day and age, an economic way of thinking must be ubiquitous for competitive modern organizations to survive. Reflecting this strong trend, institutes (firms, administrative bureaus, research institutes, and the judiciary to name a few) are increasingly demanding expert human resources highly trained in economics. The graduate program in the Department of Economics at Soongsil University has swiftly responded to such social requests, developing proper academic tracks and associated curriculum. In particular, the economics program at Soongsil emphasizes the applicability of economic training on various urgent real-world tasks. Furthermore, the faculty members have been evaluated to be highly qualified to support this program. In October, 1996, Soongsil's Economics Department was ranked sixth in the Joongang Ilbo newspaper's rating. In the second Joongang Ilbo rating of 2001, Soongsil was ranked sixth again in the overall category, and was ranked first in the category of faculty research performance. Recently, nationwide rating by the Korean Council of University Education in 2004 revealed that Soongsil's economics program belongs to the "Most Excellent Group" (within top ten percent in research) in Korea.

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## AREAS OF SPECIALIZATION

### Ph.D. PROGRAM

Our Ph.D. program focuses on a solid core curriculum in economic theory and econometrics. Beyond this, we offer a number of specialized fields of study:

1. Financial Economics and Macroeconomics
2. Law and Economics and Public Economics
3. Economic History and Economic Systems
4. Labor and Personnel Economics
5. Econometrics
6. Applied Microeconomics: industrial organization and game theory, environmental economics, international trade and so on. The program is designed to prepare students for careers in consulting, domestic and multinational firms, and research institutes and provide students with university-level teaching experience.

### M.A. PROGRAM

The MA program in economics provides students with advanced training in a core of applied microeconomics, macroeconomics, and econometrics. Students have a chance to apply analytic methods to business and economic policy issues, and to use advanced econometric techniques and computer software packages. In addition, the program provides advanced training in economics for students planning to enter a Ph.D. program domestically or abroad.

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## PROGRAM OF STUDY

A variety of lectures and seminars will be provided to students. Assessment is made by written examination, assessed coursework, presentation, and a dissertation.

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## CONTACT INFORMATION

Department of Economics

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## COURSES

### Common Courses

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21601613	Microeconomics
21601614	Macroeconomics
21601615	Advanced Microeconomics(Prerequisite: 21001)
21601616	Advanced Macroeconomics(Prerequisite: 21002)
21601619	Econometrics
21601620	Advanced Mathematical Economics
21601658	Advanced Econometrics(Prerequisite: 21005)
21601632	Special Topics in Mathematical Economics

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### Financial Economics and Macroeconomics

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21601634	Open Macroeconomics
21601691	Theory of Economic Fluctuations
21601635	Capital Market
21601639	Derivatives Securities Market
21601640	Money and Banking
21601622	Special Topics in Monetary Economics
21601623	Special Topics in Financial Economics
21601630	Special Topics in International Finance

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# Department of Economics

## Public Finance

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21601637	Fair Trade and Competition Policy
21601660	Market and Government
21601672	Public Expenditure and Public Enterprise
21601654	Advanced Public Finance
21601655	Theory of Taxation
21601656	Special Topics in Fiscal Theory
21601673	Local Public Finance

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## Comparative Economics and Political Economy

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21601677	Advanced Political Economics
21601680	History of Korean Economic Thought
21601652	Theory of Comparative Economic Systems
21601653	Special Topics in Comparative Economic Systems
21601664	Special Topics in Korea Economic System
21601690	Economic History
21601663	Special Topics in Economic History
21601646	History of Economic Thought
21601667	Special Topics in History of Economic Thought
21601665	Special Topics in Western Economic History
21601669	Economics of Karl Marx
21601671	Theory of Modern Capitalism
21601685	Special Topics in Social Economy
21601697	Economics Policy
21601649	Special Topics in Economic Policy

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## Labor Economics

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21601681	Labor Economics
21601625	Industrial & Labor Relations
21601683	Theory on Wage Compensation
21601686	Human Resource Development Theory
21601684	Theory on Labor Policy
21601687	Seminars in Labor Economics

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## Econometrics

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21601641	Microeconometrics
21601642	Macroeconometrics
21601643	Financial Time Series Analysis
21601644	Special Topics in Econometrics
21601645	Seminars in Econometrics

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## Applied Microeconomics

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21601647	Advanced International Trade Theory
21601629	Special Topics in International Trade
21601679	Special Topics in European Economic Community
21601651	Environmental Economics
21601659	Case Study for Environmental Economics
21601689	Seminars in Environmental Economics
21601688	Theory on Environmental Regulation
50084342	Energy Economics
21601657	Urban Economics
21601636	Law & Economics
21601674	Economics of Conflict Resolution
21601675	Industrial Organization Theory
50229910	Project Financing
50235451	Smart Grid Economic Policy

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## Energy Economics (Contract-based Program)

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50252207	Condensed Economics for Advanced Studies
50252212	Introduction to Energy Economics and Policy
50252215	Analysis of Energy Investment
50256228	Introduction to Energy Economics and Policy
50256230	Energy Economics
50256232	Energy and Environment
50256234	Energy and Fair Trade
50256236	Power Economics
50256238	Energy Policy and Economics of Korea
50256240	Econometric Analysis of Energy
50256242	Power Market Analysis of Korea

# Department of Economics

50256244	Special Lecture on Energy Practice
50256246	Advanced Study on Energy Industry
50259846	Energy Statistics
50270799	Energy and Industrial Organization
50277053	Seminar in Energy Economics 1
50290777	Seminar in Energy Economics 2
50315792	Special Topics in Energy

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## DEPARTMENTAL REQUIREMENTS

There are some core courses in the Ph. D. program:

microeconomics, macroeconomics, advanced microeconomics, advanced macroeconomics, econometrics, and advanced econometrics. Ordinarily, a student would take two elective courses in a basic field of specialization in preparation for a dissertation. The core courses in the master program are as follows:

microeconomics, macroeconomics, and econometrics. A student would take two elective courses in preparation for a dissertation.

### Coursework – First Year

Spring semester: Microeconomic Theory, macroeconomic Theory, and Econometrics

Fall semester : Advanced Economic Theory in Microeconomics and Macroeconomics and  
Elective Course

### Coursework – Second Year

Spring semester: 3 Elective Courses

Fall semester : 3 Elective Courses

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Lee, Youn-Jai	Professor	Ph.D. (Northern Illinois Univ.)	Macroeconomics	yjlee@ssu.ac.kr
Park, Changsuh	Professor	Ph.D. (University of Colorado at Boulder, 2003)	International Economics	cpark@ssu.ac.kr
Kim, Dae-Wook	Professor	Ph.D. (UC Davis, 2004)	Industrial Organization, Energy Economics	daekim@ssu.ac.kr
Cho, Sungbin	Professor	Ph.D. (UCLA, 2003)	Contract Theory, Financial Economics	sungbin.cho@ssu.ac.kr
Kim, Hyunsook	Associate Professor	Ph.D. (University of Illinois at Urbana-Champaign, 2003)	Applied Microeconomics, Industrial Organization Theory	annakim@ssu.ac.kr
Kang, Youngho	Assistant Professor	Ph.D. (Univ. of Colorado at Boulder)	Labor Economics	yhkang@ssu.ac.kr
Chang, Seongyeon	Assistant Professor	Ph.D. (Boston Univ)	Econometrics	sychang@ssu.ac.kr
Kim, Ryoonee	Assistant Professor	Ph.D. (Univ. of Illinois at Urbana-Champaign, Finance)	Finance	ryoonkim@ssu.ac.kr

# Department of International Trade

The Department of International Trade offers highly ranked postgraduate programmes in International Management, Economics & Commerce with the highest quality academic faculties, corporate networks, and state-of-the-art facilities. The programmes provide in-depth coverage of the globalization process, the international business environment and the operation of international commerce. They are designed to equip you with a mix of analytical and problem-solving commerce-related skills with a very strong emphasis on relevant international challenges and issues.

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## AREAS OF SPECIALIZATION

M.A. Program – Master of International Commerce

Ph.D. Program – Doctor of Philosophy in International Commerce

### M.A. Program

The M.A. program in International Trade provides students with advanced training in a core of applied International Commerce, International Business, International Trade Theory and Balance of Payments Analysis. In addition, the program provides advanced training in International Trade for students planning to enter a Ph. D. program domestically or abroad. Every student enrolled in the Master's program has to complete eight subjects, six of which must be from the subjects offered by the Department of International Trade. The Master's student must take both the language test and the general examinations.

### Ph.D. Program

The Ph.D. program in International Trade focuses on a core curriculum in International Commerce, International Business, International Trade Theory and Balance of Payments Analysis. Beyond this, we offer a number of specialized fields of study. The Ph.D. student must take twelve subjects, nine of which must be from the subjects offered by the Department of International Trade. The doctoral student must complete the course work and pass both the general examinations and the language test. The program is designed to prepare students for careers in consulting, domestic and multinational firms, and research institutes and provide students with university-level teaching experience.

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## PROGRAM OF STUDY

### Teaching

Teaching is composed by a variety of lectures and seminars, which incorporates knowledge and learning, discourse and dialogue, and self-development.

### Assessments

Written assignments are designed to allow students to demonstrate an in-depth understanding of the module, which students must apply to an issue concerned with a particular subject area. Examinations are included in some of the modules to determine students' individual effectiveness in responding to specific questions under time. Case study may be incorporated into the assessment of modules. Dissertation requires students to select an appropriate topic which provides sufficient scope to reflect theories and methods drawn from the programme.

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## CONTACT INFORMATION

Department of International Trade

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Website : <http://itrade.ssu.ac.kr>

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## COURSES

### Common Courses

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21601930	International Commerce
21601931	International Business
21601932	International Trade Theory
21601933	Balance of Payments Analysis

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## International Economics Major

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21601934	Statistics and Mathematics for Economics & Business
21601935	Econometrics
21601936	Advanced Price theory
21601937	Advanced National Income theory
21601938	International Trade Policy
21601939	Industrial Policy
21601940	Seminar on International Trade Theory
21601941	Seminar on Balance of Payments Analysis
21601942	International Finance
21601943	Seminar on International Finance
21601944	Theory of Foreign Exchange
21601945	Seminar on Multinational Corporation
21601946	International Capital Movement
21601947	Seminar on Korea's Foreign Trade
21601948	Seminar on International Trade and Development
21601949	Seminar on International Economics I
21601950	Seminar on International Economics II
21601951	Seminar on Foreign Exchange Theory and Practices
21601952	International Trade Environment
21601953	Seminar on International Trade Environment
21601954	International Financial Market
21601955	Seminar on International Financial Market
21601956	International Economics Organizations
21601958	Studies on Theory of International Trade
21601959	Studies on Price Theory
21601960	Studies on Theory of National Income
21601961	Studies on Korea's Trade and Growth
21601962	Studies on International Trade Policy
21601963	Studies on Theory of Foreign Exchange
21601964	Theory of International Trade
21601969	Economics of Korean Market Institution
21602018	Institution Economics

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International Business & International Commerce Major

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21601970	Advanced International Contracts
21601971	Commercial Letter of Credit
21601972	International Business Transaction Law
21601973	Advanced International Transportation
21601974	International Commercial Arbitration
21601975	Advanced Marine Insurance
21601976	International Commercial Practice
21601977	Case Studies on International Business Transaction
21601978	Seminar on Marine Insurance
21601979	Seminar on Marine Transaction
21601980	Seminar on International Contracts
21601981	Seminar on Commercial Letter of Credit
21601982	Seminar on General Average
21601983	Seminar on International Commercial Arbitration
21601984	Seminar on International Business Transaction Law
21601985	Seminar on International Commercial Practices
21601986	Seminar on International Sale of Good Acts
21601987	Seminar on Bill of Lading and Charter Party
21601988	Seminar on Combined Transportation
21601989	Seminar on U.S Trade Acts
21601990	Seminar on Intellectual Property Right
21601991	International Economics Law
21601992	Research Methodology
21601993	Global Risk and Insurance
21601994	International Business Policy
21601995	International Comparative Management
21601996	International Corporations
21601997	International Technology Transfer
21601998	International Marketing
21601999	International Investment
21602000	International Financial Management
21602001	International Personnel Management
21602002	International Accounting
21602003	International Business Environment
21602004	International Trade Negotiation
21602005	Seminar on International Business Policy
21602006	Seminar on International Corporation

## Department of International Trade

21602007	Seminar on International Marketing
21602008	Seminar on International Investment
21602009	Seminar on International Technology Transfer
21602010	Seminar on International Marketing Research
21602011	Seminar on International Comparative Management
21602012	Seminar on International Business Environment
21602013	Seminar on International Trade Negotiation
21602014	Seminar on International Business I
21602015	Seminar on International Business II
21602016	Studies on International Business Transaction Law
21602017	Studies on International Commercial Arbitration System
21601957	Foreign Direct Investment
21601966	Chinese Trade
21601967	Direct Investment in China
21601968	Chinese Financial Market
50422726	Studies on Comparative Contract Law

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## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
ByungMun Lee	Professor	Ph.D., (University of Warwick, UK)	Laws and Practice of International Commerce	bmlee@ssu.ac.kr
KiBo KU	Professor	Ph.D., (University of Renmin, Ch)	Chinese Economy	jujifu@ssu.ac.kr
JaePhil Hahn	Professor	Ph.D., (University of Nottingham, UK)	Laws and Practice of International Commerce	jphahn@ssu.ac.kr
InKoo Lee	Professor	Ph.D., (University of Vanderbilt , US)	International Finance	lkleee1120@ssu.ac.kr
SeungHo Cho	Associate Professor	Ph.D., (University of Alabama, US)	International Marketing	sc616@ssu.ac.kr
HaiKwan Heo	Associate Professor	Ph.D., (Sungkyunkwan University, KR)	Laws and Practice of International Commerce	hkhur@ssu.ac.kr
SunYoung Oh	Associate Professor	S. J. D., (American University, US)	International Economic Law	sunoh@ssu.ac.kr
JeongMeen Suh	Associate Professor	Ph.D. (Boston Univerisity, US)	International Economics	jsuh@ssu.ac.kr
HyeRin Choi	Assistant Professor	Ph.D. (Ohio State University, US)	International Economics	hlchoi@ssu.ac.kr

# Department of Accounting

The Department of Accounting offers an educational foundation that will prepare students for professional careers in business and accounting and enable them to pursue academic careers in accounting by providing in-depth study of advanced accounting topics and techniques as well as expansion of their critical thinking and research skills.

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## AREAS OF SPECIALIZATION

The Master's degree program in accounting aims to provide graduate education that prepares students to meet professional practical challenges in public, private, and not-for-profit accounting in order to further develop the skills required for success in the accounting profession. The Ph.D program in accounting is offered for accounting practitioners and future researchers to develop and be equipped with the capability to review and analyze various practical and theoretical accounting issues, to conduct researches and publish papers, and to teach accounting disciplines in the colleges or universities.

### Financial Accounting

The Financial Accounting specialization is intended for students who want to expand or begin their careers in industry, government, or nonprofit accounting. The curriculum includes financial reporting and analysis, with concentrations on international financial reporting standards and practices. Emphasis is placed on acquiring relevant knowledge and on research and analytical skills.

### Management Accounting

The management accounting specialization is intended for students who want to expand or begin their careers in industry, government, or nonprofit accounting. The curriculum includes budgeting, cost management, internal control system, and information economics. Emphasis is placed on acquiring relevant knowledge and on research and analytical skills.

### Tax Accounting

The tax specialization is intended for students who want to begin or expand their careers as tax consultants in public or private accounting. The curriculum allows foundational and in-depth analyses of Korean income tax issue and transactions affecting corporations, partnerships, and individuals. Emphasis is placed on acquiring relevant knowledge and on research and analytical skills.

### Auditing

The auditing specialization is intended for students who want to begin or expand their careers as auditor in industry, government, or nonprofit accounting. The curriculum allows foundational and in-depth analyses of Korean Standards on Auditing with Application Guidance for the Standards. Emphasis is placed on acquiring relevant knowledge and on research and analytical skills .

### Accounting Information System

The accounting Information System specialization is intended for students who want to begin or expand their careers as accounting and IT consultants in public or private accounting. Emphasis is placed on acquiring business-process management and security. The strategies for integrating government and compliance, and the IT organization's financial and business intelligence services.

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## PROGRAM OF STUDY

Each class consists mainly of a variety of lectures and seminars. Students are usually assessed by written examination, class participation, presentation and homework, each of whose importance or proportion determining final grade varies across classes.

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## CONTACT INFORMATION

Department of Accounting

TEL : 82-2-820-0548

FAX : 82-2-824-4384

E-mail : [accounting@ssu.ac.kr](mailto:accounting@ssu.ac.kr)

Website : [accounting.ssu.ac.kr](http://accounting.ssu.ac.kr)

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## COURSES

### Common Courses

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21602271	Financial Accounting
21602272	Management Accounting
21602273	Tax Accounting
21602274	Auditing
21602275	Financial Statements Analysis
21602276	Research Methodology
21602277	Study on Financial Accounting
21602299	Case Study on Management Accounting
21602279	Study on Tax Accounting
21602284	Research Methodology in Accounting I
21602285	Research Methodology in Accounting II
21602324	Accounting Information System

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### Financial Accounting

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21602286	Advanced Accounting
21602287	International Accounting
21602288	Nonprofit Organization Accounting
21602289	Study of Accounting History
21602290	Seminar on Consolidations
21602291	Seminar on International Accounting
21602292	Seminar on Nonprofit Organization Accounting
21602293	Seminar on Social Accounting
21602294	Study on Accounting Policy
21902295	Special Topic of Financial Accounting
21602296	Study of Market Based Accounting Research
21602297	Seminar on Financial Accounting
21602298	Seminar on Environmental Accounting

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## Management Accounting

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21602300	Cost Accounting
21602302	Budgeting
21602303	Advanced Management Accounting
21602304	Seminar on Cost Accounting
21602305	Special Topic of Management Accounting
21602306	Study of Behavioral Accounting
21602307	Seminar on Budgeting
21602308	Study of Internal Control System
21602311	Decision Making in Management Accounting
21602309	Seminar on Management Accounting
21602310	Study on Management Accounting Systems
21602312	Information Economics

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## Tax Accounting

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21602313	Tax Law
21602314	Taxation Theory
21602315	Seminar on Tax Accounting
21602317	Theory and Practice in International Taxation
21602318	Corporate Tax Accounting
21602319	Income Tax Accounting
21602320	Value Added Tax Accounting
21602323	Seminar on Corporate Tax Strategy
21602322	Local Tax Theory

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## Auditing

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21602280	Study on Auditing
50235453	Auditing Theory
50235467	Seminar on Auditing
50235468	Special Topic of Auditing

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## Accounting Information System

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21602325	Processing Accounting Data
21602326	Auditing Information Systems
21602329	Studies on Database Application

## Department of Accounting

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21602331	Accounting System Analysis and Design
21602332	Seminar on Accounting Information Systems
21602333	Applications of Computers and Communications
21602334	Applications of Expert Systems
21602336	Decision Support Systems with Accounting Information

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### DEPARTMENTAL REQUIREMENTS

#### Qualifying Examination

Tests in five areas will be made. That of Research Methodology is a must for every student and two of four optional areas should be chosen and answered.

- 1) core area : Research Methodology
- 2) optional areas : Financial Accounting, Management Accounting, Tax Accounting, Auditing

### MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Jeon, Kyu-An	Professor	Ph.D.(Seoul National University)	Tax Accounting	kajeon@ssu.ac.kr
Lee, Yong-Kyu	Professor	Ph.D.(Seoul National University)	Management Accounting	ykleee@ssu.ac.kr
Oh, Oung-Rak	Professor	Ph.D.(Soongsil University)	Financial Accounting	oor@ssu.ac.kr
Roh, Hee-Chun	Professor	Ph.D.(Seoul National University)	Tax Accounting	rhc0401@ssu.ac.kr
Park, Kyung-Ho	Associate Professor	Ph.D.(Seoul National University)	Financial Accounting	atoz9@ssu.ac.kr
Park, Jin-Ha	Associate Professor	Ph.D.(Seoul National University)	Management Accounting	parkjh04@ssu.ac.kr
Kim, Eung-Gil	Assistant Professor	Ph.D.(Korea University)	Financial Accounting	egilkim@ssu.ac.kr

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# Department of Entrepreneurship and Small Business

Entrepreneurship has become a worldwide phenomenon, with fast growing ventures and small business infusing and changing the scope of the business world. In recognition of its importance, the graduate program opened in September, 2003, Soongsil University became the first full-fledged institution in Korea to be specialized in small business and entrepreneurship studies. Despite its short history, the graduate program has been successful and has grown rapidly.

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## AREAS OF SPECIALIZATION

The program aims to teach students to have a wide perspective as one of boundless potential to be realized and to pursue this potential by developing entrepreneurship. The program stresses entrepreneurial management focusing on practice-based and real-world approaches to develop entrepreneurial thinking, which consists of opportunity recognition, innovation, creative problem solving, and knowledge-based management.

1. Entrepreneurship
2. Entrepreneurial Marketing
3. Entrepreneurial Finance and Venture Capital

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## PROGRAM OF STUDY

Through the program based on case & field study methods, students are able to learn innovative managerial skills that lead to technological change and productivity growth in small business and eventually to pursue the formation of their own businesses.

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## CONTACT INFORMATION

Department of Entrepreneurship & Small Business

TEL : 82-2-820-0590

FAX : 82-2-824-4384

E-mail : [venture@ssu.ac.kr](mailto:venture@ssu.ac.kr)

Website : [www.ensb.ssu.ac.kr](http://www.ensb.ssu.ac.kr)

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## COURSES

### Common Courses

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21602487	Entrepreneurship
21602492	Small Business Strategic Planning
21602491	Small Business Human Resource Management
21602494	Small Business Marketing Strategies
21602495	Small Business Finance and Cash Flow Management
21602493	Research Methodology I for Entrepreneurship and SMEs
21602518	Research Methodology II for Entrepreneurship and SMEs

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### Entrepreneurship

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21602506	Small and Medium sized Enterprises and New Venture Analysis
21602507	Corporate Vision and Leadership
21602508	Research on Success
21602509	Female and Family Businesses
21602510	Seminar in Strategic Management for SMEs
21602511	Seminar in Human Resource Management for Venture & SMEs
21602512	Seminar in Organizational Management for Venture & SMEs
21602488	Consulting and Communication Management
21602489	Entrepreneur Assessment and Decision Making
21602501	Practice of Management Consulting
21602500	Case Studies on Management Consulting
21602490	Innovation and Restructuring
21602513	Entrepreneurship and Innovation
21602514	Innovation Management for Venture and SMEs
21602515	Analysis of Entrepreneurial Opportunity and Changes in Technology
21602516	International Management for SMEs and Startups
21602517	Seminar in Promotional Policy for Venture & SMEs
21602503	Special Topics on Venture & SMEs
21602522	Supply Chain Management
50276426	Small Business Production Management
50276427	Logistics and Production Strategy
50276428	Operations Management Seminar
50276429	Management Science
50316192	Theories and Practice of Entrepreneurship
50365262	Entrepreneurship's Solution



21602539	M&A and Strategic Alliance
50419431	Seminar in Technology Management
50419433	Business Analytics
50419435	Seminar in Big Data and Business Innovation

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### Entrepreneurial Marketing

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21602519	Strategic Marketing Management
21602504	Seminar in Venture Marketing
21602521	Service Management
21602523	Strategic Marketing Channel Management
21602525	Strategic Retailing Management
21602526	Personal Selling & Sales Management
21602527	Trend Analysis and Identification and Implementation of Business Opportunities
21602528	Promotion Management
50347398	Seminar in Global Marketing Strategy
50084013	Research Statistics Theory and Data Analysis
50347803	Seminar in Marketing Strategy for SMEs
50276434	Seminar in Entrepreneurial Marketing Strategy
50084015	Seminar in Marketing Research Based on Behavioral Economics
21602524	Franchising Planning & Operating
50084016	Creativity & Design
50276435	Global Franchise Seminar
50276436	Service Marketing for SMEs
50293691	Consumer Behavior Seminar
50300308	Seminar in Strategic Brand Management for Venture & SMEs
50315319	B2B Marketing
50419437	Seminar in Research Method

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### Entrepreneurial Finance and venture

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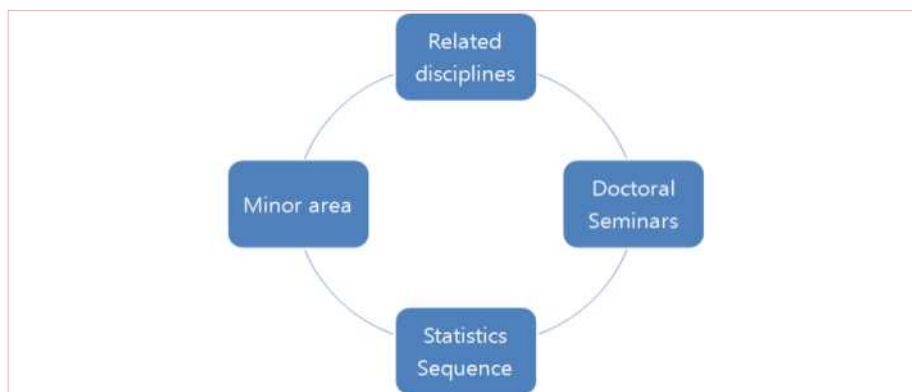
21602530	Financial Statement Analysis for Venture and SMEs
21602496	Small Business Financial Analysis
21602531	Theory of Entrepreneurial Finance
21602532	Valuation Models for Venture & SMEs
21602533	Money and Capital Market for Venture & SMEs
21602534	Research Methods in Finance
21602499	Feasibility Study and Business Planning
21602502	Performance Analysis and Growth Management for Venture & SMEs
21602536	Seminar in Investments for Venture & SMEs
21602537	Seminar in Corporate Finance for Venture & SMEs

# Department of Entrepreneurship and Small Business

21602538 Seminar in Financial Market and Venture Capital  
21602541 Seminar in Credit Analysis for Venture & SMEs  
21602540 Risk Management Venture & SMEs  
21602535 Special Topics in Entrepreneurial Finance

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## DEPARTMENTAL REQUIREMENTS



## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kim, Moon-Kyum	Professor	Ph.D.(Univ. of Illinois at Urbana)	Investment, Finance, Venture Capital	mgkim@ssu.ac.kr
Choi, Moon-Soo	Professor	Ph.D.(Univ. of Kansas)	Accounting, Corporate Finance, Financial Derivatives	mschoi@ssu.ac.kr
Kim, Young-Soo	Professor	Ph.D.(Boston Univ.)	Entrepreneurship, Business Strategy, Human Resource & Organization	bukys@ssu.ac.kr
Park, Ju-Young	Professor	Ph.D.(Univ. of Nebraska at Lincoln)	Franchise management, Small Business Retailing	jpark@ssu.ac.kr
Choi, Ja-Young	Professor	Ph.D.(Ohio State Univ.)	Marketing, Consumer Behavior	choi181@ssu.ac.kr
Han, Yong-Hee	Associate Professor	Ph.D.(Georgia Institute of Technology)	Entrepreneurship, Operational Management	amade@ssu.ac.kr
Yoo, Jae-Won	Associate Professor	Ph.D.(Oklahoma State Univ.)	Service Marketing, Retailing, Marketing Strategy	yjw1774@ssu.ac.kr
Shin, Sang Yoon	Assistant Professor	Ph.D.(Univ. of Pittsburgh)	Strategic Management, International Business	stg@ssu.ac.kr
Kang, Moon Young	Associate Professor	Ph.D.(Univ. of Wisconsin-Madison)	Big Data, Business Analytics	mkang@ssu.ac.kr

# Department of Finance

The Department of Finance prepares diverse students for success as leaders in domestic and global financial markets in pursuit of the glorious traditions established by Soongsil University such as academic excellence, practical value, global network and servant leadership. We offer students a full scope of educational opportunities to obtain and apply the knowledge and skills required to be successful in the future challenging finance world. We expect graduating students to achieve comprehensive understanding of one or more specialized finance areas and potential to conduct high-performance research for their academic careers.

The department practices detailed plans for the future as follows in areas of specialization.

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## AREAS OF SPECIALIZATION

The specialized research areas in the Department of Finance include :

Corporate Finance, Financial Investments, Financial Institutions, Financial Engineering, and Retirement Finance & Lifecycle Investment

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## PROGRAM OF STUDY

The Department of Finance offers basic courses at the Master's level and higher level courses dealing with research topics. The department also offers customized courses depending on each student's interest and ability.

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## CONTACT INFORMATION

Department of Finance

TEL : 82-2-828-7385

FAX : 82-2-828-7384

E-mail : [finance@ssu.ac.kr](mailto:finance@ssu.ac.kr)

Website : [finance.ssu.ac.kr](http://finance.ssu.ac.kr)

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## COURSES

### Common Courses

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50274064	Introduction to Finance
50274065	Financial Quantitative Analysis1
50274066	Financial Quantitative Analysis2
50274067	Financial Ethics
50274068	Finance Workshop
50315323	Finance Seminar1
50321874	Finance Seminar2

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### Corporate Finance

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50274069	Studies in Corporate Finance
50274070	Empirical Research in Corporate Finance
50274071	Corporate Valuation
50274072	Entrepreneurial Finance
50274073	Behavioral Finance

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### Financial Investments

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50274074	Studies in Investments
50274075	Studies in International Finance
50276301	Bond Analysis
50276302	Portfolio Management

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### Financial Institutions

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50276303	Studies in Financial Institutions
50276304	Bank Management
50276305	Seminar in Investment Banking
50276306	Studies in Financial Markets

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### Financial Engineering

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50276307	Studies in Derivatives
50276308	Financial Risk Management
50276309	Financial Modelling
50276310	Studies in Financial Engineering

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# Department of Finance

## Retirement Finance and Lifecycle Investment

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50276311	Introduction to Retirement Finance and Lifecycle Investment
50276312	Alternative Investments
50276313	Insurance and Risk Management
50276314	Asset Management for Retirement

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## DEPARTMENTAL REQUIREMENTS

1st Semester : Financial Quantitative Analysis1, Introduction to Finance(for undergraduate Finance non-major)

2nd Semester : Financial Quantitative Analysis2

4th Semester : Finance Workshop

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## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kang, Byung Jin	Professor	Ph.D(KAIST)	Derivatives	bjkang@ssu.ac.kr
Kim, Bum	Professor	Ph.D(University of Alabama)	Finance	bumkim@ssu.ac.kr
Yang, Kisung	Assistant Professor	Ph.D(Korea University)	Financial Engineering	ksyang@ssu.ac.kr
Lee, Jaehyun	Assistant Professor	Ph.D(Sogang University)	Asset Management	jaylee@ssu.ac.kr
Jang, Huisu	Assistant Professor	Ph. D(Seoul National University)	Machine learning	yej523@ssu.ac.kr
Chung, Jae Man	Associate Professor	Ph.D(Seoul National University)	Investments	jaymchung@ssu.ac.kr

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# Department of Global Law

The Department of Global Law sets its purpose on cultivating creative legal professionals capable of solving international disputes in the age of globalization and unification. The Department focuses on the study on legal systems of different countries all over the world and international law with macroscopic view and the basis of Korean law.

We offer nine specific areas of specialization with detailed study, lectures and discussions facilitated by national and international professionals of each area.

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## AREAS OF SPECIALIZATION

The Graduate Program on Global Law includes nine areas of specialized study:  
Comparative Law, U.S. Law, Asian Law, International Law, International Economic Law, Korean Civil Law, Korean Civil Procedure, Korean Commercial Law, Korean Criminal Law

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## PROGRAM OF STUDY

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## CONTACT INFORMATION

Department of Graduate Program on Global Law

TEL : 82-820-0486

FAX : 82-817-5837

E-mail : [ila@ssu.ac.kr](mailto:ila@ssu.ac.kr)

Website : <http://lawyer.ssu.ac.kr/web/lawyer>

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## COURSES

### Comparative Law

- 50322259 Special Research on Comparative Law
  - 50322652 Special Topics on Legislative History
  - 50322655 Writing Methodology of Legal Dissertation
  - 50322657 Introduction to International and Foreign Legal Research
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### U.S. Law

- 50322659 US Law and Cases on Contracts
  - 50322661 US Law and Cases on Torts
  - 50322663 US Law and Cases on Real Property
  - 50322665 Special Topics on US Civil Procedure
  - 50322667 US Constitutional Law and Cases
  - 50322904 US Law and Cases on Criminal Law
  - 50322906 US Law and Cases on Criminal Procedure
  - 50322908 US Law and Cases on Evidence
  - 50322916 US Uniform Sales Transactions
  - 50322918 US Regulations on Securities Transactions
  - 50322912 Research on US Conflict of Law
  - 50322914 Research on Family Law and Cases
  - 50322910 US Intellectual Property Law
  - 50322902 US Law on Business Law
- 

### Asian Law

- 50322920 Comparative Research on Asian Law
- 50322924 Research on Chinese Law
- 50322976 Research on Special Legal System, Institutions, and Cases of China
- 50322960 Research on Japanese Law
- 50322966 Research on Taiwanese Law
- 50322978 Research on Vietnamese Legal System
- 50322980 Research on Special Legal System, Institutions and Cases of Vietnamese Law
- 50322962 Research on Mongolian Law and Institutions
- 50322964 Research on Special Legal System, Institutions, and Cases of Mongolila
- 50322922 Advanced Research on Asian Law
- 50322984 Cross Country Research On Special Legal System, Institutions and Cases in Asia



50322982 Special Topics on Business Regulations in Asia

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### International Law

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50322968 Research on International Treaties  
50323286 Research on Law and Institutions of International Development Cooperation  
50322970 Research on International Law of the Sea  
50323288 Research on International Jurisdiction  
50322972 Survey on International Organization Law  
50323282 Aviation and Aerospace law  
50322974 Research on International Environmental Law  
50323290 Seminar on European Union(EU) Law, Legal Institutions and Cases  
50322541 Research on International Human Right Law  
50323292 Research on EU Law and Legal Institutions on Economy & Human Right  
50323278 Research on International Judicial Organizations and their Cases  
50323294 Research on German Law  
50323280 Research on International Humanitarian Law & Law of War  
50323284 Survey of International Transportation Law  
50323296 Seminar on Legal Institution of International Negotiation

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### International Economic Law

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50322543 Research on Law of International Transaction  
50323308 Case Studies and Recent Developments in International Investment Law  
50323298 Law of International Commercial Paper  
50323311 International Commercial Arbitration Law  
50323300 Research on Law and Legal Institutions Related to Transnational Financial Transactions  
50323313 International Regulations on Banks  
50323302 International Regulations and Cooperation on Securities and Financial Product Market  
50323315 Comparative Research on Laws Relating to Multinational/Transnational Corporations  
50323304 WTO Case Studies  
50323317 Research on International Antitrust/Competition Law  
50323306 Advanced Research on International Trade Law

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### Korean Civil Law

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50323245 Research on Corporation Theory and Special Cases Study  
50323247 Research on Real Property Law and Legal Practices  
50323250 Special Cases Study on Secured Transaction and Lien

## Department of Global Law

- 50323354 Seminar on Law of Credit and Debt
  - 50323357 Special Cases Study on Contracts
  - 50323360 Analysis & Research on Legal Issues of Labor Law
  - 50322546 Special Cases Study on Torts
  - 50322548 Research on Institutions and Cases related to Family Law & Estate Law
  - 50323526 Special Research on Civil Law and its Legal History
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### Korean Civil Procedure

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- 50323528 Advanced Research on Civil Procedure
  - 50323530 Research on Comparative Civil Procedure
  - 50323532 Seminar on Alternative Dispute Resolution
  - 50323534 Research on Multi-Party Civil Procedure
  - 50323536 Research on Comparative Class Action
  - 50323538 Advanced Research on Civil Judgment
  - 50323540 Research on Judgment Execution
  - 50323542 Advanced Research on Legal History of Civil Procedure
  - 50323544 Research on Civil Procedure Practice
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### Korean Commercial Law

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- 50323546 Comparative Study on Commercial Transaction
  - 50323548 Comparative Study on Law of Commercial Papers
  - 50323550 Comparative Study on Company Law
  - 50323552 Comparative Study on Corporate Restructuring and Reorganization
  - 50323554 Business Ethics and Corporate Social Responsibilities of Multinational/Transnational Corporations
  - 50323556 Legal Research on the Insolvency Resolutions and Role of Finance
  - 50323558 Comparative Study on Prudential Regulations for Banks
  - 50323560 Tax Aspects of International Banking
  - 50323562 Investment Trust Law
  - 50323564 Regulations on Unfair Financial Transactions
  - 50323566 Intellectual Property Law in Financial Sector
  - 50323568 Law Relating to M&A and Finance
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Korean Criminal Law

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50323570	Research on Comparative Criminal Law, Legal Institution and Cases
50323572	Research on Comparative Criminal Procedure Law, Legal Institution and Cases
50323574	Research on Criminal Evidence Law and Cases
50323601	Punishment and Security—Measure
50323603	Seminar on New Crimes and Responses of Criminal Law
50323605	Research on Corporate Crimes
50323607	Comparative Legal Research on Co—Criminals under Criminal Law
50323609	Seminar on International Criminal Law

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MEMBERS OF FACULTY

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Name	Position	Degree	Major	E-mail
Pak. Wan Q	Professor	J.D.(Syracus Law School)	U.S. Law / Commercial Law	bach737@ssu.ac.kr
Ihm.Sahng Hyeog	Professor	Ph.D.(Seoul National University)	Humanitarian Law / Civil Procedure	truthfinder@ssu.ac.kr
Lee. Sang Hyun	Associate Professor	S.J.D.(Golden Gate University)	Commercial Law / Criminal Law / U.S. Law	slee10@ssu.ac.kr
Kim. Sung Tae	Assistant Professor	Ph.D.(Soongsil University)	Civil Procedure / Civil Law	sungtae@ssu.ac.kr
Ko, Yeongmi	Assistant Professor	J.S.D.(University of California at Berkeley)	International Law / Commercial Law	koya21c@ssu.ac.kr
Christophe Duvert	Assistant Professor	Ph.D.(University of Paris II)	Sociology of Law / Business Law	chduvert@gmail.com
Anderson Eric Hainz	Assistant Professor	J.D.(University of Michigan Law school )	U.S. Law / International Law	ericanderson@ssu.ac.kr
Kim. Dae Hong	Assistant Professor	Ph.D.(Seoul National University)	Legal History / Comparative Law	hislaw21@ssu.ac.kr

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# Natural Science

## Natural Science

# Department of Mathematics

The department of Mathematics offers Ph. D. and M. S. programs designed to prepare students for career in mathematical research, teaching and other mathematical fields. Graduate students can work with faculty members on various projects in both pure and applied mathematics, including algebra, analysis, combinatorics, dynamical systems and biomathematics.

Upon the completion of graduate studies, students can move into professional positions at universities, as well as various sectors that require mathematical skills.

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## AREAS OF SPECIALIZATION

The specialized research areas in the department include :

Analysis – Functional Analysis, Nonlinear Analysis, Complex Analysis

Algebra – Number Theory, Algebraic Geometry

Applied Mathematics – Cryptography, Combinatorics, Dynamical Systems, Biomathematics, Mathematical Biology

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## PROGRAM OF STUDY

The department of Mathematics offers programs for Ph. D. and M. S. degrees. Each program offers basic courses of master's level and advanced research topics courses in a variety of areas including algebra, analysis, topology, combinatorics, dynamical systems and mathematical biology. The department also offers customized courses depending on each student's ability.

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## CONTACT INFORMATION

Department of Mathematics

TEL : 82-2-820-0410

FAX : 82-2-826-2979

E-mail : [math@ssu.ac.kr](mailto:math@ssu.ac.kr)

Website : <http://math.ssu.ac.kr>

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## COURSES

### Common Courses

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21602768	Real Analysis I
21602769	Real Analysis II
21602770	Complex Analysis
21602771	General Topology I
21602772	General Topology II
21602773	Abstract Algebra I
21602774	Abstract Algebra II
21602775	Differential Geometry I
21602776	Differential Geometry II
21602835	Analysis I
21602836	Analysis II

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### Analysis

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21602779	Functional Analysis I
21602780	Functional Analysis II
21602781	Functions of Several Complex Variables I
21602782	Functions of Several Complex Variables II
21602783	Complex Manifolds
21602784	Operator Theory I
21602785	Operator Theory II
21602786	Theory of Ordinary Differential Equations I
21602787	Theory of Ordinary Differential Equations II
21602788	Theory of Partial Differential Equations I
21602789	Theory of Partial Differential Equations II
21602790	Harmonic Analysis I
21602791	Harmonic Analysis II
21602792	Topics in Analysis I
21602793	Topics in Analysis II
21602795	Topics in Analysis III
21602796	Topics in Analysis IV
21602797	Seminar in Analysis I
21602798	Seminar in Analysis II

# Department of Mathematics

## Topology

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21602799	Algebraic Topology I
21602800	Algebraic Topology II
21602801	Differential Topology I
21602802	Differential Topology II
21602803	Homotopy Theory
21602804	Topological Groups I
21602805	Topological Groups II
21602806	Topics in Topology I
21602807	Topics in Topology II
21602809	Topics in Topology III
21602810	Topics in Topology IV
21602811	Seminar in Topology I
21602812	Seminar in Topology II

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## Algebra

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21602813	Homology Algebra
21602814	Group Theory
21602815	Ring Theory
21602816	Field Theory
21602817	Lie Algebra I
21602818	Lie Algebra I
21602819	Lattice Theory I
21602820	Lattice Theory II
21602821	Algebraic Number Theory
21602822	Topics in Algebra I
21602823	Topics in Algebra II
21602825	Topics in Algebra III
21602826	Topics in Algebra IV
21602827	Seminar in Algebra I
21602828	Seminar in Algebra II

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## Applied Mathematics

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21602872	Advanced Numerical Analysis I
21602874	Advanced Numerical Analysis II
21602857	Numerical Partial Differential Equations I
21602858	Numerical Partial Differential Equations II
21602854	Methods in Applied Mathematics I
21602859	Methods in Applied Mathematics II
21602838	Combinatorics I
21602860	Combinatorics II
21602861	Graph Theory I
21602875	Graph Theory II
21602862	Coding Theory I
21602863	Coding Theory II
21602864	Mathematical Physics I
21602865	Mathematical Physics II
21602866	Topics in Applied Mathematics I
21602867	Topics in Applied Mathematics II
21602868	Topics in Applied Mathematics III
21602869	Topics in Applied Mathematics IV
21602870	Seminar in Applied Mathematics I
21602871	Seminar in Applied Mathematics II

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## DEPARTMENTAL REQUIREMENTS

- 1st Semester : Real Analysis I / Abstract Algebra I / General Topology I
- 2nd Semester : Real Analysis II / Abstract Algebra II / General Topology II
- 3rd Semester : Differential Geometry I / Complex Analysis
- 4th Semester : Differential Geometry II

# Department of Mathematics

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Jeong, Dalyoung	Professor	Ph.D. (City Univ. of New York)	Combinatorics	dyjeong@ssu.ac.kr
Lee, Euiwoo	Professor	Ph.D. (Ohio State Univ.)	Biomathematics	ewlee@ssu.ac.kr
Kim, Jeong Heon	Professor	Ph.D. (Univ. of Illinois at Urbana-Champaign)	Complex Analysis	jkim@ssu.ac.kr
Shim, Eunha	Associate Professor	Ph. D. (Arizona State Univ.)	Biomathematics	alicia@ssu.ac.kr
Song, Yoon Jung	Associate Professor	Ph. D.(Univ. of Maryland Baltimore County)	Optimization	yoonsong@ssu.ac.kr
Lee, Chong Gyu	Associate Professor	Ph.D. (Brown Univ.)	Number Theory	cglee@ssu.ac.kr
Lee, Eunjoo	Assistant Professor	Ph.D. (Seoul National Univ.)	Differential Geometry	eunjoolee@ssu.ac.kr
Kim, Soojung	Assistant Professor	Ph.D. (Seoul National Univ.)	Partial Differential Equation	soojungkim@ssu.ac.kr
Yie, Sangsuk	Emeritus Professor	Ph.D. (Seoul National Univ.)	Topology	ssyie@ssu.ac.kr
Park, Eunsoon	Emeritus Professor	Ph.D. (Kansas State Univ.)	Algebra	espark@ssu.ac.kr
Kim, Yeonok	Emeritus Professor	Ph.D. (Korea Univ.)	Algebra	yokim@ssu.ac.kr
Hwang, Sunwook	Emeritus Professor	Ph.D. (Univ. of Connecticut)	Analysis & Math Education	shwang@ssu.ac.kr

# Department of Physics

The main goal of the graduate program in the Department of Physics is to provide professional education to potential physicists in theoretical and experimental physics. It also aims to train professional researchers in various fields of industry where background knowledge in physics is essential.

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## AREAS OF SPECIALIZATION

### Condensed Matter Physics

- X-Ray Physics
- Nano Mesoscopic Physics
- Statistical Physics
- Superconductivity
- Spectroscopy in Solids
- Surface/Interface/Thin Film Physics

### Nuclear, Particle, and Astrophysics

- Elementary Particle Physics
- Astroparticle Physics
- Nuclear Astrophysics

### Plasma Physics

- Plasma Physics

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## PROGRAM OF STUDY

Graduate education in physics at Soongsil University offers students a variety of courses in both theory and experiments. In theory, training is focused on the enhancement of ability to simplify given physical phenomena, to build physical models, and to analyze them using mathematical and computational methods. In experiments, students may learn various methods of testing and verifying physical theories by executing experiments and analyzing their results.

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## CONTACT INFORMATION

Department of Physics  
TEL : 82-2-820-0420  
FAX : 82-2-824-4383  
E-mail : physics@ssu.ac.kr  
Website : physics.ssu.ac.kr

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## COURSES

### Common Courses

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21602876	Classical Mechanics
21602877	Electricity and Magnetism
21602878	Electrodynamics
21602879	Quantum Mechanics
21602880	Advanced Quantum Mechanics
21602881	Mathematical Physics
21602883	Statistical Mechanics
50084150	Special Topics in Physics 1
50084151	Special Topics in Physics 2
21602891	Advanced Physics Laboratory
50398244	Special topics in classical mechanics
50084152	Physics Seminar 1
50084153	Physics Seminar 2
21602906	Physics Research 1
21602907	Physics Research 2

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### Condensed Matter Physics

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21602882	Atomic and Molecular Physics
21602884	Advanced Statistical Mechanics
21602885	Physics of Magnetism
21602896	Spectroscopy
21602888	Field Theory and Statistical Physics
21602897	Quantum Optics

21602898	Applied Optics
21602899	Nonequilibrium Statistical Mechanics
21602900	Phase Transitions and Critical Phenomena 1
21602901	Phase Transitions and Critical Phenomena 2
21602902	Mathematical Statistical Mechanics
21602903	Topics in Statistical Physics
21602904	Advanced Magnetic Physics
21602908	Solid State Physics 1
21602909	Solid State Physics 2
50084154	Optical Properties of Solids
21602912	Special Topics in Optical Properties of Solids
21602913	Magneto-optics Physics
50084155	Spectroscopy of Solids 1
50084156	Spectroscopy of Solids 2
21602916	Introduction to Superconductivity
21602917	Advanced Superconductivity 1
21602918	Advanced Superconductivity 2
21602919	Advanced Topics in Superconductivity
21602920	Topics in Magnetic Physics
21602921	Introduction to X-ray Diffraction and Applications
21602922	Advanced X-ray Diffraction Theory
21602923	Special Topics in X-ray Diffraction
21602924	Nano Physics
21602925	Molecular Electronics
21602926	Low-Dimensional Physics
21602927	Surface Physics
21602928	Synchrotron Radiation Physics
21602929	Structural Analysis of Thin Films
50086777	Organic Semiconductor Physics
50398246	Dynamical theory of X-ray diffraction
50276341	Advanced Organic Semiconductors I
50276342	Advanced Organic Semiconductors II

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### Nuclear, Particle, and Astrophysics

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21602887	Quantum Field Theory
21602932	Nuclear Physics
21602933	Advanced Nuclear Physics
21602934	Linear Accelerator Physics

# Department of Physics

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21602935	Many–Body Problems
21602936	Elementary Particle Physics
21602937	General Relativity
21602938	Advanced Quantum Mechanics 2
21602948	Gravitation and Cosmology
21602949	Astrophysics
21602950	Advanced Astrophysics
21602951	Cosmological Physics
50388247	Astronomical Spectroscopy
50398764	Special Topics for Astrophysics
50413214	Topics on Elementary Particle Physics
50276343	Nuclear Astrophysics

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## Plasma Physics

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21602939	Plasma Physics
21602940	Advanced Plasma Physics1
21602941	Advanced Plasma Physics2
21602942	Applied Plasma Physics
50084157	Space Plasma Physics
50084158	Tokamak Physics 1
50084159	Tokamak Physics 2
50084160	Numerical Simulations of Plasma
50084161	Plasma Diagnostics
21602946	Turbulence1
21602947	Turbulence2

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## DEPARTMENTAL REQUIREMENTS

### Master course

A candidate must take three out of four option modules (Classical Mechanics, Electricity and Magnetism, Quantum Mechanics, and Statistical Mechanics) before applying for the qualifying exam.

### PhD course

- 1) A candidate must publish at least one paper related to his/her dissertation in an SCI journal. A certificate of acceptance for publication is regarded as identical to actual publication.

2) After completion of course work, a candidate must give a presentation at least once a semester on the progress of dissertation in the presence of professors of the department of physics. A presentation in a physics conference may be accepted as a substitute upon approval.

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Lee, Tae Hoon	Professor	Ph.D. (SNU)	Quantum Field Theory	thlee@ssu.ac.kr
Kim, Chang-Bae	Professor	Ph.D. (Princeton Univ.)	Plasma Physics	cbkim@ssu.ac.kr
Kim, Jin-Min	Professor	Ph.D. (Brown Univ.)	Statistical Physics	jmkim@ssu.ac.kr
Kim, Hee-Sang	Professor	Ph.D. (Purdue Univ.)	Theoretical Condensed Matter Physics	hskim@ssu.ac.kr
Chung, Jin-Seok	Professor	Ph.D. (Purdue Univ.)	X-ray Physics	chungj@ssu.ac.kr
Yi, Hangmo	Professor	Ph.D. (Univ. of Pennsylvania)	Condensed Matter Physics Theory	hyi@ssu.ac.kr
Lee, Yunsang	Professor	Ph.D. (Seoul National Univ.)	Solid State Spectroscopy	ylee@ssu.ac.kr
Lee, Dong Ryeol	Professor	Ph.D. (POSTECH)	Solid State Physics Experiment	drlee@ssu.ac.kr
Cheoun, Myung Ki	Professor	Ph.D. (Tohoku Univ.)	Theoretical Nuclear Physics	cheoun@ssu.ac.kr
Kim, Doris Yangsoo	Associate Professor	Ph.D. (Johns Hopkins Univ.)	Elementary Particle Physics Experiment	dorisykim@ssu.ac.kr
Kim, Nammee	Associate Professor	Ph.D. (Purdue Univ.)	Theoretical Condensed Matter Physics	nammee@ssu.ac.kr
Choi, Hyunhee	Associate Professor	Ph.D. (Ewha Womans Univ.)	Optics	hyunheechoi@ssu.ac.kr
Koh, Jae Gui	Emeritus Professor	Ph.D. (Soongsil Univ.)	Physics of Magnetism	jgkoh@ssu.ac.kr

# Department of Chemistry

Chemistry treats the most central topics of all the sciences. Energy and materials around us are closely related to the areas of Chemistry which are our current research interests called Analytical, Inorganic, Organic, Physical and Biochemistry. Chemistry also contributes to other disciplines such as Bioscience, Materials Science, Medicine, Pharmacology and Physics. Our department is engaged in researches of structures, properties, and reactions of the various organic, inorganic, and biomolecules. These research activities focus on developing applicable molecules or materials which will benefit the health and happiness of mankind. Students are expected to have the abilities to carry out new research works through the educational programs provided by the department.

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## AREAS OF SPECIALIZATION

The aim of the graduate program in Chemistry is to provide an environment for students to develop the skills to become leaders in scientific research and education, capable of making original contributions to the advancement of Chemistry and related disciplines. Currently programs for the M.S. and Ph.D. degree are offered in Analytical, Bio, Inorganic, Organic, and Physical Chemistry.

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## PROGRAM OF STUDY

Our Graduate Program provides students with the opportunity to choose an appropriate curriculum for their specific interests and career plans. Research is the core of the graduate program, and the many research groups, each under the direction of a faculty member, are the basic educational and scholarly units of the department. Therefore, It is the most important to choose a research group appropriate to individual's talents and interests. We also maintain an extraordinarily active seminar program, featuring eminent speakers whose research is at the forefront of science. Inter- or intra- departmental collaborative researches in such interdisciplinary areas as bioanalytical, bioorganic, bioinorganic, chemical biology, materials chemistry, physical organic chemistry, organometallic chemistry, and biophysics are possible.



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## CONTACT INFORMATION

Department of Chemistry

TEL : 82-2-820-0430

FAX : 82-2-824-4383

E-mail : chem@ssu.ac.kr

Website : <http://ssu.ac.kr/web/chem/home>

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## COURSES

### Common Courses

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21603015	Advanced Physical Chemistry I
21603016	Advanced Physical Chemistry II
21603017	Advanced Inorganic Chemistry I
21603018	Advanced Inorganic Chemistry II
50229379	Advanced Inorganic Chemistry III
50229381	Advanced Inorganic Chemistry IV
21603019	Advanced Analytical Chemistry I
21603020	Advanced Analytical Chemistry II
21603021	Advanced Organic Chemistry I
21603022	Advanced Organic Chemistry II
21603035	Advanced Organic Chemistry III
50073703	Advanced Organic Chemistry IV
21603033	Advanced Biochemistry I
21603034	Advanced Biochemistry II
50124678	Advanced Biochemistry III
50124679	Advanced Biochemistry IV
21603024	Quantum Chemistry I
21603025	Quantum Chemistry II
21603026	Electrochemical Analysis
21603027	Physical Organic Chemistry I
21603028	Physical Organic Chemistry II
21603030	Research
21603031	Seminar I
21603032	Seminar II

# Department of Chemistry

50073706	Seminar III
50124680	Special Topics in Advanced Chemistry I
50124681	Special Topics in Advanced Chemistry II

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## Physical Chemistry

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21603036	Advanced Quantum Chemistry
21603037	Molecular Spectroscopy I
21603038	Molecular Spectroscopy II
21603039	Magnetic Resonance Spectroscopy I
21603040	Magnetic Resonance Spectroscopy II
21603041	Advanced Chemical Thermodynamics
21603042	Combustion Chemistry
21603043	Statistical Thermodynamics I
21603044	Statistical Thermodynamics II
21603045	Chemical Kinetics I
21603046	Chemical Kinetics II
21603047	Theory of Chemical Bonding I
21603048	Theory of Chemical Bonding II
21603049	Topics in Physical Chemistry
21603050	Special Research in Physical Chemistry
21603051	Group Theory
21603052	Physical chemistry Seminar
21603053	Molecular Dynamics
21603054	Molecular Orbital Theory
21603066	Nanostructures
21603056	Chemical Reaction Dynamics
21603067	Quantum Chemistry for Nanosciences
21603068	Microchips
21603065	Applications of Nanomaterials
21603062	Laser Spectroscopy
21603063	Biophysical Chemistry

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## Inorganic Chemistry

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21603072	Coordination Compounds
21603081	Chemical Crystallography
21603082	Solid State Chemistry
21603069	Ligand Field Theory

21603077	Metal Carbonyl Compounds
21603083	Magnetochemistry
21603084	Bioinorganic Chemistry
21603078	Special Topics in Inorganic Chemistry I
21603079	Special Topics in Inorganic Chemistry II

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### Organic Chemistry

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21603070	Stereochemistry
21603087	Organometallic Chemistry
21603088	Synthetic Organic Chemistry I
21603089	Synthetic Organic Chemistry II
21603090	Natural Product Chemistry
21603071	Heterocyclic Chemistry
21603092	Carbohydrate Chemistry I
21603093	Carbohydrate Chemistry II
21603094	Polysaccharide Chemistry
21603097	Organic Mass Spectrometry
21603098	Nuclear Magnetic Resonance Spectroscopy
21603099	Chemistry of Antibiotics
21603100	Environmental Organic Chemistry I
21603101	Environmental Organic Chemistry II
21603105	Special Topics in Organic Chemistry I
21603106	Special Topics in Organic Chemistry II
21603107	Advanced Bio-Organic Chemistry
21603108	Host-Guest Chemistry
21603109	Advanced Polymer Chemistry
21603110	Molecular Recognition Chemistry
21603111	Supramolecular Chemistry I
21603112	Supramolecular Chemistry II
21603113	Medicinal Chemistry
21603116	Combinatorial Chemistry

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### Analytical Chemistry

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21603117	Electrochemistry
21603118	Polarography
21603119	Chromatography
21603120	Spectrophotometric Analysis

## Department of Chemistry

21603121	Atomic Absorption Spectroscopy
21603122	Environmental analysis
21603123	Trace analysis
21603124	Special Topics in Instrumental Analysis
21603125	Chemical Instrumentation
21603126	Optical Analysis
21603127	Special Topics in Analytical Chemistry
21603128	Special Research in Analytical Chemistry I
21603129	Special Research in Analytical Chemistry II

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### Biochemistry Chemistry

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21603131	Special Topics Biochemistry I
21603132	Special Topics Biochemistry II
21603133	DNA Recombinant Technology
21603134	Protein Purification Theory
21603135	Cellular and Molecular Biology
21603136	Cell Signalling
21603137	Protein Structure Analysis
21603138	Structure of Biological Macromolecules

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## DEPARTMENTAL REQUIREMENTS

University regulations require to take more than 24 credits (for M.S degree) or 60 credits (for Ph.D degree), including at least one of common courses such as advanced analytical, advanced inorganic, advanced organic, or advanced physical chemistry. It is also required to pass foreign language examination and a seminar-like oral presentation followed by questions which test the candidate's preparation to do the thesis research. The general examination based on the general knowledge, and a public oral seminar based on their thesis research should be taken. Finally, the department faculty evaluate the thesis, and the student finishes the degree requirements by defending the thesis research in a final oral examination before the Generals Committee.

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Paek, Kyung Soo	Professor	Ph.D. (Univ. of California at L.A.)	Organic Chemistry	kpaek@ssu.ac.kr
Shin, Kuan Soo	Professor	Ph.D. (Univ. of Texas at Austin )	Physical Chemistry	kshin@ssu.ac.kr
Chun, Keun Ho	Professor	Ph.D. (Univ. of California at L.A.)	Organic Chemistry	kchun@ssu.ac.kr
Kang, Weeklyung	Professor	Ph.D. (KAIST)	Physical Chemistry	wkang@ssu.ac.kr
Joo, Sang Woo	Professor	Ph.D. (Chicago Univ.)	Material, Sensor	sjoo@ssu.ac.kr
Kim, Ja Heon	Professor	Ph.D. (Pohang Univ. of Science and Technology)	Inorganic Chemistry	jaheon@ssu.ac.kr
Yang, Jin Kuk	Professor	Ph.D. (Seoul Natl. Univ.)	Biochemistry	jinkukyang@ssu.ac.kr
Shin, Ik Soo	Associate Professor	Ph.D. (Seoul Natl. Univ.)	Analytical Chemistry, Electrochemistry	extant@ssu.ac.kr
Kim, Jonghoon	Assistant Professor	Ph.D. (Seoul Natl. Univ.)	Organic Chemistry	jhkim19@ssu.ac.kr
Namgung, Miok	Special Mission-focused Professor	Ph.D. (Soongsil Univ.)	Analytical Chemistry	nagungmi@ssu.ac.kr
Bai, Kyusun	Emeritus Professor	Ph.D. (Ohio State Univ.)	Chemistry of Complex	
Yun, Youngja	Emeritus Professor	Ph.D. (Korea Univ.)	Instrumental Anaysis	yjyun@ssu.ac.kr
Nam, Jeong E	Emeritus Professor	Ph.D. (McGill Univ.)	Organic Chemistry	namj@ssu.ac.kr

# Department of Statistics and Actuarial Science

One of the educational missions of the department is to foster students who are capable of analyzing statistical information in various areas of application as well as pursuing excellence in the research of statistics. Actuarial science program of the department aims to prepare students for careers in the actuarial profession or related areas by emphasizing the theory that underlies risk processes and applications of this theory to problems of insurance and financial fields. To achieve these missions, the department provides solid degree programs and excellent instruction in statistics and actuarial science.

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## AREAS OF SPECIALIZATION

### Statistics

Statistics is the scientific application of mathematical principles to real world problems with uncertainty. It involves the collection, analysis, presentation, and the interpretation of numerical data. Statisticians contribute to the process of rational decision making by applying their mathematical and statistical knowledge to the design of surveys and experiments.

### Actuarial Science

Actuarial science is the application of mathematical and statistical methods to assess risk in insurance and finance industries. It covers various topics on risk associated with insurance operations such as pension mathematics, rate making, mortality study, risk management, and financial engineering. After completing required course work, students may deepen their knowledge about specific areas under independent supervision and can prepare for professional actuarial exams offered in various countries. Also, students have opportunities to prepare for the core issues of the insurance industry by attending department colloquiums.

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## CONTACT INFORMATION

Department of Statistics and Actuarial Science

TEL : 82-2-820-0440

FAX : 82-2-823-1746

E-mail : [stat@ssu.ac.kr](mailto:stat@ssu.ac.kr)

Website : <http://stat.ssu.ac.kr>

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## COURSES

### Common Courses

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21603203	Mathematical Statistics I
21603205	Stochastic Processes I
21603245	Multivariate Statistical Analysis I
21603246	Time Series Analysis
21603212	Linear Models I
21603215	Mathematical Statistics II
21603224	Linear Models II
21603233	Survival Analysis
21603242	Seminar in Statistics I
21603243	Seminar in Statistics II
21603244	Seminar in Statistics III

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### Statistics

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21603204	Probability Theory I
21603206	Regression Analysis
21603207	Experimental Design
21603209	Sampling Theory
21603211	Nonparametric Statistics
21603213	Statistical Consulting I
21603214	Statistical Consulting II
21603216	Probability Theory II
21603217	Stochastic Processes II
21603218	Statistical Decision Theory
21603219	Testing Statistical Hypotheses
21603220	Asymptotic Theory
21603221	Seminar in Theoretical Statistics I
21603222	Seminar in Theoretical Statistics II
21603223	Statistical Computing I
21603225	Nonlinear Model
21603226	Applied Probability Theory I
21603227	Applied Probability Theory II
21603231	Seminar in Applied Statistics I
21603232	Seminar in Applied Statistics II
21603234	Optimization Theory

# Department of Statistics and Actuarial Science

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21603235	Bayesian Statistics
21603236	Multivariate Statistical Analysis II
21603237	Times Series Analysis II
21603238	Statistical Computing II
21603239	Information Theory
21603240	Statistical Quality Control
21603241	Data Mining

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## Actuarial Science

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21603267	Life Actuarial Mathematics I
21603268	Life Actuarial Mathematics II
21603269	Loss Models I
21603253	Principles of Insurance
21603247	Seminar in Actuarial Statistics I
21603255	Pension Mathematics
21603248	Financial Mathematics I
21603264	Financial Mathematics II
21603270	Loss Models II
21603258	Seminar in Actuarial Statistics II
21603259	Financial Econometrics
21603260	Financial Risk Management
21603262	Asset Liability Management
21603263	Financial Engineering
21603265	Life Insurance Product Development
21603266	Actuarial Science for Health Insurance
50084019	Stochastic Calculus for Finance
50235478	Actuarial Practice I
50235479	Actuarial Practice II
50235480	Principles of Social Insurance
50235481	Actuarial Management I
50235482	Actuarial Management II
50349917	Non-Life Actuarial Mathematics I
50422687	Statistics for Risk Modeling
50422689	Predictive Analytics

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## DEPARTMENTAL REQUIREMENTS

### Statistics

- 1st Semester : Mathematical Statistics I, Financial Mathematics I, Regression Analysis  
2nd Semester : Linear Models 1, choices of two out of three; Multivariate Statistical Analysis I, Statistical Computing I and Stochastic Processes I.  
3rd Semester : Data Mining, choice of one out of two; Time Series Analysis I and Bayesian Statistics.

### Actuarial Science

- 1st Semester : Mathematical Statistics I, Financial Mathematics I, Non-Life Actuarial Mathematics I  
2nd Semester : Financial Mathematics II, Life Actuarial Mathematics I, Non-Life Actuarial Mathematics II  
3rd Semester : Life Actuarial Mathematics II, choices of two out of following courses; Principles of Insurance, Financial Econometrics, Seminar in Actuarial Statistics I&II, Life Insurance Product Development, Pension Mathematics, Actuarial Science for Health Insurance, etc.

# Department of Statistics and Actuarial Science

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kang, Gunseog	Professor	Ph.D. (Univ. of Wisconsin-Madison)	Nonlinear Models	gskang@ssu.ac.kr
Kim, Ji-Hyun	Professor	Ph.D. (Florida State University)	Survival Analysis	jxk61@ssu.ac.kr
Lee, Chang-Soo	Professor	Ph.D. (Univ. of Iowa)	Actuarial Science, Time Series Analysis	cslee@ssu.ac.kr
Kim, Sung-Chul	Professor	Ph.D. (Univ. of California, Berkeley)	Bayesian Analysis Decision Analysis	sckim@ssu.ac.kr
Kwon, Hyuk-Sung	Associate Professor	Ph.D. (Univ. of Western Ontario)	Actuarial Science	hskwon@ssu.ac.kr
Ko, Bangwon	Associate Professor	Ph.D. (Univ. of Iowa)	Actuarial Science, Financial Risk Management	bko@ssu.ac.kr
Cho, Sang-Hoon	Associate Professor	Ph.D. (Univ. of Wisconsin-Madison)	Biostatistics, Bioinformatics	sanghcho@ssu.ac.kr
Chung, Wonil	Assistant Professor	Ph.D. (Univ. of North Carolina-Chapel Hill)	Statistical Genetics, Bigdata Analysis	wchung@ssu.ac.kr

# Department of Bioinformatics and Life Science

Bioinformatics is an integrative science which combines biotechnology and information science. The Department of Bioinformatics and Life Science at Soongsil University was founded in 2001 as the first bioinformatics department in Korea, and the graduate program was established in 2005. The educational goal of our department is to train students as interdisciplinary specialists who can utilize informatics tools to analyze vast amount of data in biology, thereby obtaining knowledge that contributes to human welfare.

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## AREAS OF SPECIALIZATION

The graduate program in the Department of Bioinformatics and Life Science provides both Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) degrees. A student can major in either Bioinformatics or Life Science. Regardless of their majors, the students are expected to take multiple courses in biology and informatics to obtain knowledge necessary for becoming a successful interdisciplinary scientist. In particular, a student in the Ph.D. course is trained to be an independent researcher who can set the direction of their own research.

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## PROGRAM OF STUDY

Lectures mainly take place in class including the weekly seminars given by the invited speakers. Courses are evaluated by various methods such as written examinations, reports, presentations, and assessed coursework. Both M.S. and Ph.D. candidates are required to write a thesis for the fulfillment of their graduation. In addition, Ph.D. candidates are expected to publish their works in scientific journals.

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## CONTACT INFORMATION

Department of Bioinformatics and Life Science

TEL: 82-2-820-0450

FAX: 82-2-824-4383

E-mail: [bioinfo@ssu.ac.kr](mailto:bioinfo@ssu.ac.kr)

Website: [bioinfo.ssu.ac.kr/eng](http://bioinfo.ssu.ac.kr/eng)

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## COURSES

### Common Courses

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21603282	Molecular Cell Biology I
21603283	Molecular Cell Biology II
21603284	Bioinformatics I
21603285	Bioinformatics II
21603286	Colloquium in Bioinformatics I
21603287	Colloquium in Bioinformatics II
50084101	Colloquium in Bioinformatics III
50059031	Colloquium in Bioinformatics IV
21603288	Research I
50072766	Research II
50106030	Research III
50120280	Research IV
21603289	Seminar I
21603290	Seminar II
21603292	Seminar III
50072762	Seminar IV
50413250	Advanced molecular biology

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### Life Science

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21603293	Post-Genome Biology I
21603294	Post-Genome Biology II
21603295	Advanced Molecular Genetics
21603296	Techniques in Molecular Biology
21603297	Signal Transduction and Protein Network
21603298	Redox Regulation in Biology
21603299	Protein Engineering
21603300	Advanced Biochemistry
21603301	Special Topics in Structural Biology
21603302	Molecular Medicine
21603303	Topics in Biotechnology
21603304	Special Lectures of Immunology
21609508	Advanced Immunology
50072758	Molecular Medical Science
50086779	Topics in Biomedical Sciences
50227319	Seminars in Cellular Immunology

50124253	Macromolecular Crystallography
20120278	Synthetic Biology
50276105	Advanced Synthetic Biology
50391382	Fungal Biology
50298674	Readings in Synthetic Biology
50298675	Advanced BIT Interdisciplinary Special Lecture IV
50315769	Applied Mycology
50324172	Bio-medical Engineering I
50324170	Advanced Molecular Biology
50374030	Bioindustrialization Strategy
50399385	Gene Expression
50086779	Research methodology in biomedical science

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## Bioinformatics

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21603305	Biological Database
21603306	Web Programming
21603307	Computational Genomics
21603308	Computational Proteomics
21603309	Pattern Recognition
21603310	Current Topics in Bioinformatics
21603311	Cheminformatics and Drug Design
21603312	Computer Simulation
21603313	Protein Structure Prediction and Global Optimization
21603314	Advanced Computational Molecular Biology
21603315	Biocomputing
21603316	Material Design
21603317	Pharmacokinetics
21603318	Structural Bioinformatics
50084099	Statistical Genetics
50084100	Statistical Methods
50107147	Advanced Population Genetics
50107148	Advanced Chemoinformatics
50124763	Advanced Genome Analysis
50234748	Computer-Aided Drug Discovery
50247764	Introduction to tumor biology
50269362	Advanced BIT Interdisciplinary Special Lecture I
50276347	Advanced BIT Interdisciplinary Special Lecture II
50276106	Genomic data analysis for complex traits
50276107	Genome data mining I
50276108	Analysis of Chemical Big data

# Department of Bioinformatics and Life Science

50291379 Genome data mining II  
50291381 Advanced BIT Interdisciplinary Special Lecture III  
50373824 Topics in Pharmacogenomics  
50399383 Single Cell Biology  
50374027 genomic data science

## DEPARTMENTAL REQUIREMENTS

Courses should be taken from three major courses (common course, life science, and bioinformatics) opened each semester.

Candidates for M.S. should take 24 credits over 4 semesters.

Candidates for Ph.D. should take 36 credits over 4 semesters.

Students for the combined M.S. & Ph. D. program should take 60 credits over 8 semesters.

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Lim, Dongbin	Professor	Ph.D. (New York University)	Proteomics, Molecular Genetics	dblilm@ssu.ac.kr
Lee, Chaeyoung	Professor	Ph.D. (Cornell University)	Statistical Genetics	cleee@ssu.ac.kr
Shin, Hang-Cheol	Professor	Ph.D. (University of Sydney)	Protein Engineering, Protein Design, Biochemistry	hcshin@ssu.ac.kr
Kim, Sangsoo	Professor	Ph.D. (Iowa State University)	Bioinformatics, Structural Biology	sskimb@ssu.ac.kr
Lee, Julian	Professor	Ph.D. (Brown University)	Biophysics, Protein-folding	jul@ssu.ac.kr
Cho, Kwang-Hwi	Professor	Ph.D. (Cornell University)	Bioinformatics, Molecular Design	chokh@ssu.ac.kr
Kim, Mi-Yeon	Professor	Ph.D. (University of Birmingham)	Cellular Immunology, Microbiology	kimmy@ssu.ac.kr
Park, SangYoun	Associate Professor	Ph.D. (Cornell University)	Structural Biology, Biophysical Chemistry	psy@ssu.ac.kr
Rhee, Je-Keun	Assistant Professor	Ph.D. (Seoul National University)	Bioinformatics	jkrrhee@ssu.ac.kr

# Engineering Engineering

# Department of Chemical Engineering

Our department offers a broad range of educational and research activities that meet the recent technological challenges. Current challenges are emerging in the complex forms that demand intricate blending of traditional chemical engineering and materials science as well as careful consideration of the environmental and economical requirements. In such a challenging era, our department is strategically positioned to create new knowledge and educate leaders for the society by investigating diverse research projects including polymer engineering, reaction engineering, emulsion materials, advanced process control, novel materials processing, biochemical engineering, water treatment, catalysis & air pollution control, next generation energy materials, and bioinspired & biomimetic materials.

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## AREAS OF SPECIALIZATION

→ MS in Chemical Engineering,

Ph.D in Chemical Engineering.

The goal is to educate high-quality experts and mid-level managers with excellent capabilities in the area of Chemical Engineering under the educational motto of Soongsil University, "Truth and Service".

→ MS in Beauty Science and Technology,

Ph.D in Beauty Science and Technology.

The goal of the Department of Beauty Engineering is to educate high-quality experts and mid-level managers with excellent capabilities in the area of Beauty Engineering under the educational motto of Soongsil University, "Truth and Service".

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## PROGRAM OF STUDY

Teaching is accomplished by a variety of lectures, seminars, and term projects. Assessment is done by written examination, assessed coursework, presentation, term projects, and a dissertation. The final grade is awarded by evaluating various modules. To become Master candidates or Ph.D candidates, he/her should pass the Qualifying examination.



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## CONTACT INFORMATION

Department of Chemical Engineering

TEL : 82-2-820-0610

FAX : 82-2-812-5378

E-mail : [chemical@ssu.ac.kr](mailto:chemical@ssu.ac.kr)

Website : <http://chemeng.ssu.ac.kr>

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## COURSES

### Common Courses

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21603495	Special Topics in Chemical Engineering
21603496	Advanced Reaction Engineering
21603497	Advanced Chemical Engineering Thermodynamics
21603498	Advanced Industrial Inorganic Chemistry
21603499	Advanced Industrial Organic Chemistry
21603500	Advanced Chemical Engineering Mathematics
21603501	Advanced Environmental Engineering
21603503	Advanced Instrumental Analysis
21603565	Advanced Fine Particle Technology
21603511	Advanced Heat Transfer
21603512	Mass Transfer
21603513	Advanced Plant Design
21603518	Advanced Process Control
21603530	Advanced Biochemical Engineering
21603505	Nano Engineering
21603506	Renewable Energy Conversion Engineering
21603507	Display Engineering
50258890	Advanced Engineering Statistics
50375513	Biomimetic Principles and Design

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# Department of Chemical Engineering

## Chemical Engineering

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21603504	Catalyst Engineering
21603508	Advanced Process Design
21603510	Powder Engineering
21603515	Rheology
21603524	Advanced Transport Phenomena
21603519	Fluifization Engineering
21603520	Advanced Equipment Design
21603521	Advanced Separation Process
21603522	Advanced Process System Engineering
21603523	Process Optimization
21603526	Advanced Petrochemical Engineering
21603528	Special Topics in Acid and Alkali Industries
21603525	Advanced Polymer Synthesis
21603531	Polymer Process Engineering
21603532	Advanced Engineering Inorganic Materials Engineering
21603534	Process Engineering
21603535	Engineering Organic Materials Engineering
21603536	Topics on Polymer Reaction
21603537	Structure and Properties of Polymer
21603539	Advanced Applied Interface Chemistry
21603540	Polymer Blend and Composite
21603541	Polymer Processing
21603542	Advanced Polymeric Engineering
21603543	Topics on Fine Chemicals
21603544	Waste Water Treatment Engineering
21603545	Water Control
21603547	Air Pollution Engineering
21603549	Environmental Sampling & Analysis
21603550	Law and Regulations on Environment
21603551	Environmental Impact Assessment Engineering
21603552	Water Chemistry
21603554	Pollution Abatement From Underground Water and Soil
21603555	Advanced Bioprocess Engineering
21603556	Microbiological Engineering
21603557	Enzymatic Engineering
21603558	Bioseparation Processes
21603560	Reactor Analysis and Design

21603561	Drinking water treatment
21603562	Functional Polymer
21603563	Electronic Polymer
21603564	Semiconductor Environmental Engineering
21603566	Energy Devices
50127681	Energy Engineering
50229147	Industry Seminar, Practical Training, and Internship I
50230989	Introduction to Greenhouse Gases and Climate Change
50249301	Secondary Battery Engineering
50258892	Introduction to Electrochemical Engineering
50258894	Materials Science for Advanced Energy Applications
50258896	Fuel Cells: Fundamentals to Design
50258899	Advanced Energy Devices
50258901	Industry Seminar, Practical Training, and Internship II
50276653	Advanced Physical Chemistry for Materials
50291582	Biomolecular Engineering
50300557	Semiconductor Electrochemistry
50348402	Advanced Nanomaterials Engineering
50413533	Company Affairs & Strategic Thinking
50348404	Advanced Chemical Engineering computation

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### Beauty science and Technology

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21603571	Special Course of Beauty Engineering
21603572	Advanced Cosmetology
21603573	Science of Novel Natural Materials
21603574	Advanced Functional Cosmetology
21603575	Advanced Color Cosmetology
21603576	Prevention of Aging and Natural Anti-oxidative Agents
21603577	Advanced Dermatology
21603578	Beauty Therapy and Nutrition
21603579	Advanced Beauty Therapy
21603580	Clinical Study
21603581	Alternative Medicine
21603567	Body Contour
21603568	Skin Aging
21603569	Human Anatomy
21603570	Immunology
21603582	Seminar

# Department of Chemical Engineering

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50258903	Beauty Neuroscience
50258905	Study of Obesity
50258907	Medical skin care
50258910	Muscle Physiology
50258912	Skin Analysis
50258914	Trichology & Scalp Care
50258916	Hair coloring clinical research
50258919	Hair Style modeling
50258922	Trichology Analysis and Practice
50258925	Total coordination
50258928	Cosmetology Color studies
50258930	Theory of Nail & Make-up
50258933	Beauty Stoichiometry
50258935	Special Make-up

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## DEPARTMENTAL REQUIREMENTS

### Master Course

- 1st Semester : 3 courses in a specialized field
- 2nd Semester : 3 courses in a specialized field
- 3rd Semester : 2 courses in a specialized field, Qualifying Exam
- 4th Semester : Dissertation

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Byung-Jick Kim	Professor	Ph.D. (Auburn Univ.)	Process Systems Engineering	bjkim@ssu.ac.kr
Wan-Soo Huh	Professor	Ph.D. (Univ. of Connecticut)	Polymer Material	wshuh@ssu.ac.kr
Hee-Wook Ryu	Professor	Ph.D. (KAIST)	Biochemical Engineering	hwryu@ssu.ac.kr
Seong-Ho Hong	Professor	Ph.D. (Univ. of Cincinnati)	Environmental Engineering	shong@ssu.ac.kr
Heock-Hoi Kwon	Professor	Ph.D. (Univ. of Michigan)	Catalysis and Air Pollution Prevention	hkwon@ssu.ac.kr
Kyung-Won Park	Professor	Ph.D. (GIST)	Materials Science and Material	kwpark@ssu.ac.kr,
Il-Won Kim	Professor	Ph.D. (Univ. of Michigan)	Crystallization	iwkim@ssu.ac.kr
Yun-Gon Kim	Associate Professor	Ph.D. (Seoul Nat. Univ.)	Biochemical Engineering	ygkim@ssu.ac.kr
Jae-Hyun Jeong	Associate Professor	Ph.D. (KAIST)	Nano-Bioengineering	nfejhh@ssu.ac.kr
Tae-Ho Lim	Assistant Professor	Ph.D. (SNU)	Metal interconnection	taeholim@ssu.ac.kr
Beom-Goo Kang	Assistant Professor	Ph.D. (GIST)	Polymer Synthesis	bkang@ssu.ac.kr
Young-Woo Nam	Emeritus Professor	Ph.D. (SNU)	Reaction Engineering	ywnam@ssu.ac.kr
Choon-Koo Zhoh	Emeritus Professor	Ph.D. (Soongsil Univ.)	Rheology	ckzhoh@ssu.ac.kr
Sang-Won Lee	Emeritus Professor	Ph.D. (SNU)	Polymer Engineering	lswon@ssu.ac.kr

# Department of Organic Materials and Fiber Engineering

Organic Materials plays a key role in many industrial areas and interests in Fiber Engineering have been thrived recently. Our department has a vision to raise qualified scientists and engineers in such areas with fundamental understanding, knowledges about advanced practical applications, and global leadership through education and innovative research.

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## AREAS OF SPECIALIZATION

- MS in Organic Materials and Fiber Engineering
  - Ph.D in Organic Materials and Fiber Engineering
- Organic Materials and Fiber Engineering

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## PROGRAM OF STUDY

Students are offered a variety of classes and also conduct research with faculty advisor. This program allows students to gain basic knowledge of organic materials and fiber engineering and research experience in specific fields.

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## CONTACT INFORMATION

Department of Organic Materials and Fiber Engineering

TEL : 82-2-820-0620

FAX : 82-2-817-8346

E-mail : [materials@ssu.ac.kr](mailto:materials@ssu.ac.kr)

Website : <http://materials.ssu.ac.kr/>

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## COURSES

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50423645	Computational Dynamics of EUV Photoresists
50423643	Photoresist for EUV Lithography
50423641	Organic Materials for Semiconductor Applications
50423639	Introduction to EUV Lithography Machines
50423637	EUV Lithography
50422697	Advanced Lithography Process
50399381	Nanolithography
50326951	Engineering plastic
50322063	Advanced Nano–Biomaterials
50316028	ICT Embedded Electronic Textiles
50299177	Industry Seminar, Practical Training, and Internship
50299176	Soft Nanomaterials and Devices
50299175	Organic Materials for Second Battery
50264373	Supramolecular chemistry
50084104	Organic Semiconductor Properties and Device II
50084103	Organic Semiconductor Properties and Device I
50059341	Interfacial Phenomena of Textiles
21605410	Conductive Polymers
21605408	Advanced Instrumental Analysis II
21603707	Crystallization of Polymers
21603706	Advanced Polymers Processing
21603705	Rheology of Polymeric Fluids
21603704	Advanced Organic Chemistry
21603703	Surface Functionalization of Materials
21603702	Advanced Organic Chemistry for Polymers
21603701	Recent Trends in Research and Development of Organic Materials
21603694	Chemistry of Organic Colorants
21603683	Chemical Analysis of Organic Materials
21603669	Polymer Composites
21603668	Analysis of Variation
21603667	Nonwoven Technology
21603663	Applied Statistics for Textiles
21603662	Advanced Mechanics of Materials
21603661	Special Topics in Organic Materials
21603660	Natural Organic Materials

# Department of Organic Materials and Fiber Engineering

- 21603658 Reliability Engineering
- 21603657 Ergonomic Product Design
- 21603656 Consumer Behavior of Fashion
- 21603651 Research Methods in Textile Fashion
- 21603650 Advanced Fashion Marketing
- 21603634 Atomic and Molecular Structure of Materials
- 21603633 Organic Materials For Electronic Application
- 21603632 Carbon Nanocomposites
- 21603631 Polymer Physics
- 21603629 Physical Properties of Polymers
- 21603628 Advanced Instrumental Analysis I
- 21603677 Functional Finishing of Textiles
- 21603676 Color Science and Engineering
- 21603675 Polymer Synthesis
- 21603674 Functional Organic Materials
- 21603673 High Performance Organic Materials
- 21603672 Modification of Organic Materials
- 21603671 Apparel Management Planning
- 21603670 Fashion Material Theory
- 21603626 Fashion Marketing Channel
- 21603624 Fashion Retailing Management
- 21603622 Fiber Formation
- 21603621 Transport Phenomena
- 21603617 Physical Chemistry of Polymers



## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Young Ho Kim	Professor	Ph.D. (Seoul National University)	Functional Organic Materials, Textile Finishing	ssyhkim@ssu.ac.kr
Hyun-Joo Shim	Professor	Ph.D. (North Carolina State University)	Nonwoven Processing, High Performance Nonwoven Filter	hjshim@ssu.ac.kr
Cheol-Jae Hong	Professor	Ph.D. (North Carolina State University)	Health and Safety, Fabric Design	cjhong@ssu.ac.kr
Hyung-Min Choi	Professor	Ph.D. (University of Maryland at College Park.)	Modification and Analyses of Organic Materials, Natural Fibrous Materials,	hchoi@ssu.ac.kr
Sang-Moo Shin	Professor	Ph.D. (University of Texas at Austin)	Fashion Marketing, Apparel Production Management	smshin@ssu.ac.kr
Youngjin Jeong	Professor	Ph.D. (Seoul National University)	Nano Carbon and Energy Materials	yjeong@ssu.ac.kr
Joo-Yong Kim	Professor	Ph.D. (North Carolina State University)	Smart Wearables	jykim@ssu.ac.kr
Young-Je Kwark	Professor	Ph.D. (University of Massachusetts Amherst)	Polymer Synthesis, Nanohybrid Materials	ykwark@ssu.ac.kr
Seung Hyun Cho	Associate Professor	Ph.D. (University of Florida)	Polymeric Materials, Polymer Synthesis, Liquid Crystalline Thermoset	scho@ssu.ac.kr
Jae Woo Chung	Assistant Professor	Ph.D. (Seoul National University)	Supramolecular Chemistry, Organic Materials Structure-Property Relationship	jwchung@ssu.ac.kr
Seong-Jun Jeong	Assistant Professor	Ph.D. (KAIST)	Advanced Nanomaterials	jeong.seongjun@ssu.ac.kr
Bong Hoon Kim	Assistant Professor	Ph.D. (KAIST)	Soft Electronics	bonghoonkim@ssu.ac.kr
Jiwoong Kim	Assistant Professor	Ph.D. (Seoul National University)	Computational Materials Science, Functional Ceramics	jwk@ssu.ac.kr
Park Jin Hui	Assistant Professor	Ph.D. (Ewha Womans Univ.)	Fashion Technology & Ergonomics	jinny31@ssu.ac.kr

## Department of Organic Materials and Fiber Engineering

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Kwang Bae Lee	Emeritus Professor	Ph.D. (Kyung Hee University)	Textile Physics, Textile Materials	--
Hyeon-Tae Cho	Emeritus Professor	Ph.D. (Seoul National University)	Synthetic Fibrous Materials, Color Science & Engineering, Dyeing Chemistry	choht@ssu.ac.kr

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# Department of Electronic Engineering

- The competitive national reputation;
- Extensive research programs from which most students are financially supported.
- Excellent and various academic fields.
- MS and Ph.D courses which are exciting and academically challenging.

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## AREAS OF SPECIALIZATION

- MS in Electronic Engineering
- Ph.D in Electronic Engineering

In the Department of Electronic Engineering, we focus on training graduate students to become competent in their future workplace. Master candidates will learn up-to-date knowledge in their major fields. Ph.D candidates will perform leading researches which have an influence on modern information technology.

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## PROGRAM OF STUDY

Teaching is by a variety of lectures, seminars, and term projects. Assessment is by written examination, assessed coursework, presentation, term projects, and a dissertation. The final grade is awarded by evaluating various modules. To become Master candidates or Ph.D candidates, He/her should pass the Qualifying examination.

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## CONTACT INFORMATION

Department of Electronic Engineering

TEL : 82-2-820-0900

FAX : 82-2-821-7653

E-mail : [inforcom@ssu.ac.kr](mailto:inforcom@ssu.ac.kr)

Website : <http://inforcom.ssu.ac.kr>

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## COURSES

### Communications and Signal Processing

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21603755	Signal and Systems
21603757	Probability and Statistics
21603768	Linear System Theory
21603771	Information Theory
21603772	Communication System
21603774	Signal Exchange Systems
21603775	Special Topics in Communication Circuit Analysis
21603779	Source Coding and Decoding
21603780	Digital Signal Processing
21603781	Knowledge Information Processing Systems
21603782	System Modeling and Simulation
21603832	Analysis of Digital Systems
21603784	Speech Information Processing
21603785	Special Topics in Digital Signal Processing
21603786	Biomedical Electronics
21603788	Image Information Comprehension
21603789	Design and Application of Fuzzy and Neural Computer
21603794	Analog Communications
21603795	Digital Communications
21603796	Channel Coding Theory
21603797	Spread Spectrum Communication System
21603798	Audio Coding
21603801	Image Coding
21603803	Code Division Multiple Access Systems
21603804	Multimedia Communications
21603805	Speech Communications
21603806	Exchange Systems
21603807	Speech Synthesis Techniques
21603808	Electronic Exchange Systems
21603809	Realistic Telecommunications
21603810	Speech Compress Coding
21603811	Multimodal Communications
21603812	Sound Effect Systems
21603813	Automatic Translation Systems
21603814	Ultrasonic Communication Systems

21603815	Underwater Acoustic Signal Processing
21603816	Navigating Communications
21603817	Satellite Communication Theory
21603818	Probability, Statistics and Random Signal Analysis
21603819	Communication Theory
21603820	Signal Transmission Techniques in Mobile Communications
21603821	Mobile Communication System
21603822	Satellite Transponder
21603823	Estimation and Detection Theory
21603824	Time Series Analysis
21603825	Communication Signal Processing
21603826	Nonlinear Signal Processing
21603827	Stochastic Signal Processing
21603828	Array Signal Processing
21603829	Sub-band Coding & Signal Processing
21603830	New-Media Communications
21603834	Special Topics in Mobile Communication Systems
21603835	Special Topics in Underwater Acoustic Communication
21603836	Underwater Acoustic Communication and Signal Processing
21603837	Orthogonal Frequency Division Multiplexing Systems
21603838	Advanced Modulation and Demodulation Technology
21603939	Detection Estimation and Filtering
21603940	Adaptive Filter Theory
21603941	Optimization Theory
50235693	Radar Signal Processing
50270980	SAR signal Processing
50270997	SAR signal processing
50274934	Vehicle Communication Technologies
50325889	Smart Grids

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## Devices and Integrated Circuits

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21603841	Analog Integrated Circuit Design
21603842	Digital Integrated Circuit Design
21603843	Advanced Integrated Circuit Design
21603844	VLSI Design
21603845	Special Topics in Physical Electronics
21603846	Integrated Circuit Fabrication Process
21603847	Special Topics in Semiconductor Devices

# Department of Electronic Engineering

21603848	Special Topics in Integrated Circuits
21603850	Microwave Semiconductor Devices
21603851	Semiconductor Device Modeling
21603855	Special Topics in Magnetic Materials
21603858	Solid State Electronics
21603859	Device Electronics for Integrated Circuits
21603860	ASIC Design
21603861	Digital System Design
21603862	Semiconductor Devices 1
21603863	Semiconductor Devices 2
21603864	Optical Data Storage Engineering
21603865	Magnetic Materials
21603866	Magnetic Computer and Communication Devices
21603867	Magnetic Information Storage Engineering
21603868	Computer Data Storage Engineering
21603869	SoC Architecture
21603870	SoC Design Methodology
21603871	Design of Radio–Frequency Integrated Circuits
21603872	Design of Analog/Mixed Signal
21603873	Embedded System Design
21603874	IP Design and System Integration
21603875	Multimedia System Design
21603876	Full Custom Design
21603877	High Performance Memory Architecture Design
21603878	Communication System Design
21603879	Low Power System Design
21603833	Special Topics in Digital System Design
50235695	Flat Pannel Display Device and Technologies
50255562	Advanced Analog Integrated Circuits
50275564	MEMS Devices and Circuits
50270995	EMC design
50274938	Electronic system for next vehicle
50274939	Semiconductor design for Functional safety
50274940	High Reliable and security–supported OS
50274941	MCU design for Vehicle

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## Microwave and Lightwave

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21503759	Electromagnetic Fields
21603880	Microwave Circuits
21603881	Radiation, Propagation and Scattering of Electromagnetic Waves
21603882	Analysis and Design of Antennas
21603883	Numerical Methods In Electromagnetics
21603884	Radar Systems
21603885	Computer Aided Design For Microwave Components
21603886	Special Topics in Microwave Technology
21603887	Special Topics in Antennas
21603888	Special Topics in CAD for Microwave and Millimeter–Wave Circuits
21603889	Special Topics in Electromagnetic Compatibility
21603890	Special Topics in Microwave Systems
21603891	Numerical Techniques for Microwave and Millimeter–Wave Passive Structures
21603892	Nonlinear Microwave circuits
21603893	Optical Electronics
21603895	Nonlinear Optics
21603896	Quantum Electronics
21603897	Optical Communication Systems
21603898	Fiber–Optic Networks
21603767	Techniques Against Electromagnetic Intereference
21603899	Optics
21603900	Special Topics in Electromagnetic Waves
21603901	Propagation Theory
21603902	Special Topics in Wireless Communications
21603903	Satellite Communication Systems
21603904	Numerical Techniques for Microwave
21603905	Semiconductor Laser Diodes
21603906	Nonlinear Fiber Optics
21603907	Fiber–Optic Sensors
21603908	Integrated Optics
21603909	Photonic Switching
21603910	Photonics
21603911	Special Topics in Optical Electronics
21603912	Special Topics in Optical Communication Systems
50255558	Fundamentals of Metamaterials
50255560	Wireless Power Transfer Engineering

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## Computer, Automation and Networks

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21603787	Pattern Recognition
21603790	Data Communications
21603831	Queuing Theory and Application
21603793	Traffic Structures
21603799	Special Topics in Multimedia Technology
21603800	Multimedia System Design
21603840	Distributed Computing Systems
21603913	Introduction to Software
21603914	Operating Systems
21603916	Parallel Processing
21603917	Advanced Computer Architecture
21603918	Artificial Intelligence
21603919	Artificial Intelligence System Design
21603920	Expert Systems
21603921	Computer Networks
21603981	CAD/CAM
21603922	Robotics and Automatic Systems
21603923	Adaptive Control
21603924	Modern Control System Design and Application
21603925	Nonlinear Control Systems
21603926	Electronic Instrumentation and Design
21603927	Linear Feedback Control Systems
21603928	Optimal Control
21603929	Stochastic Control
21603930	Intelligence Control
21603931	Robot Sensor Design and Application
21603932	Computer Vision
21603933	Special Topics in Computer Vision
21603934	Special Topics in Pattern Recognition
21603935	Graph Theory and Application
21603936	Geometrical Modelling
21603937	Real-Time System Design and Analysis
21603938	Digital Control Systems
21603942	Special Topics in Real-Time Systems
21603943	Image Processing
21603944	Special Topics in Image Processing
21603945	Computer Graphics



21603946	Distributed Control Systems
21603769	Computer Architecture
21603947	Multimedia Information Retrieval
21603948	Special Topics in Multimedia Information Retrieval
21603949	Teleconferencing Systems
21603950	Special Topics In Information Communications
21603951	High Speed Communication Networks
21603952	Computer Network Design and Analysis
21603953	Network Programming
21603954	System Software Programming
21603955	Introduction to Compilers
21603956	Introduction to Database Systems
21603957	Information Retrieval
21603958	Multimedia User Interface
21603959	Medical Image Processing
21603960	Special Topics in Medical Image Processing
21603961	Protocol Engineering
21603962	Internetworking
21603963	Wireless Data Communications
21603964	Wireless Networks
21603965	Network Application Techniques
21603966	Network Security
21603967	Special Topics in Networks
21603968	Special Topics in Networks Analysis
21603969	Internet Networking Technology
21603970	Special Topics in Internet
21603971	Internet Computing Systems
21603972	Special Topics on Optical Network
21603973	Introduction to Information Security
21603974	Cryptography
21603975	Special Internet Security Technologies
21603976	Security for Wired and Wireless Internet
21603977	Mobile Computing System
21603978	Design and Implementation of Embedded Systems
21603979	Mobile Robot
21603980	Special Topics on Mobile Robot
21603839	Special Issues on Information Security
21603982	Standards on Information Security
21603983	Service and Policy on Information Security

# Department of Electronic Engineering

21603984	Next Generation Mobile Communication Networks
21603985	Ubiquitous Networks
21603986	Next Generation Network Technology
21603987	Special Topics in Mobile/Wireless Networks
21603988	Special Topics in Multimodal Information Transformation Technology I
21603989	Special Topics in Multimodal Information Transformation Technology II
21603990	Special Topics in Multimodal Information Transformation Technology III
21603991	Internship
21603992	Life and Leisure Robot
50235697	IT Convergence Applications
50235698	IT Convergence Systems
50255566	Computational Photography
50255569	Introduction to 3D Computer Vision
50255571	Computational Computer Vision
50255573	Special Topics in HCI
50255575	Vision-based HCI
50255577	Mobile Programming
50255579	Understanding and Practice of System and Network Hacking
50255581	Understanding Security ethics and Policy
50255583	Service Security
50255585	System Security
50255587	Mobile Security
50255589	Cloud Computing System Security
50255591	Security Architecture
50255593	Information Security Management System
50255595	Software Security Theory
50255597	Understanding and Implementations of Cryptography function
50255600	Privacy Security
50255602	Working-level Security Case Study
50270998	Special Topics in Embedded Software
50274936	Special Topics in Real-time Operating Systems
50274937	Special Topics in Real-time Software
50274942	Vehicular Network Technologies
50366476	Machine Learning and Artificial Intelligence
50366478	Deep Learning Network Design and Application
50366480	Malware Analysis
50366482	IoT Security
50376502	Introduction to Open Source
50376504	Open Source Design Basic

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50376506	Infrastructure System Design
50376508	Technology and Marketing
50376510	Understanding and Practice of Network
50376512	Understanding and Practice of Cloud Computing
50376515	Understanding and Practice of Open Source
50376517	Understanding and Implementation of VNF Design
50376519	SDN/SFV Technology

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## DEPARTMENTAL REQUIREMENTS

### Specialized Fields

- Communications and Signal Processing
- Devices and Integrated Circuits
- Microwaves and Lightwave
- Computer, Automation, and Networks

### Master Course

1st Semester : 3 courses in a specialized field

2st Semester : 3 courses in a specialized field

3rd Semester : 2 courses in a specialized field, Qualifying Exam

4th Semester : At least 1 presentation in domestic or international conference, Dissertation

# Department of Electronic Engineering

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Bae, Myung-Jin	Professor	Ph.D. (Seoul National University)	Speech Communication Engineering; Mobile and Handheld Communication; Sound Engineering	mjbae@ssu.ac.kr
Kim, Boo-Gyoun	Professor	Ph.D. (Univ. of Southern California)	Electromagnetic (EM) wave application and Antenna	bgkim@e.ssu.ac.kr
Chung, Kyusik	Professor	Ph.D. (Univ. of Southern California)	Network Computing and Security	kchung@ssu.ac.kr
Chung, Sun-Tae	Professor	Ph.D. (Univ. of Michigan)	Embedded and Real-Time System	cst@ssu.ac.kr
Hahn, Hernsoo	Professor	Ph.D. (Univ. of Southern California)	Sensor Fusion ;Robot Vision	hahn@.ssu.ac.kr
Song, Inchaе	Professor	Ph.D. (Univ. of California, Los Angeles)	Semiconductor Devices and Integrated Circuits	isong@ssu.ac.kr
Seo, Chulhun	Professor	Ph.D. (Seoul National University)	Wireless Communication and Energy Transfer	chulhun@.ssu.ac.kr
Kim, Young-Han	Professor	Ph.D. (KAIST)	Computer Network	younghak@ssu.ac.kr
Shin, Yoan	Professor	Ph.D. (Univ. of Texas at Austin)	Wireless Communications Systems and Communication Signal Processing	yashin@ssu.ac.kr
Lee, Chanho	Professor	Ph.D. (Univ. of California, Los Angeles)	Digital System Design	chlee@ssu.ac.kr
Lee, Won-Cheol	Professor	Ph.D. (Polytechnic Univ.)	Mobile Communication Systems; Digital Signal Processing	wlee@ssu.ac.kr
Im, Sungbin	Professor	Ph.D. (University of Texas at Austin)	Digital Communication Systems and Higher-Order Signal Processing	sbi@ssu.ac.kr
Lee, Jaejin	Professor	Ph.D. (Georgia Institute of Technology)	Telecommunication, Signal Processing for Storage Systems	zlee@ssu.ac.kr

## Graduate School of Soongsil University

Name	Position	Degree	Major	E-mail
Cha, Hyungtai	Professor	Ph.D. (Univ. of Pittsburgh)	Video; Audio Signal Processing	hcha@ssu.ac.kr
Kim, Dongsung	Professor	Ph.D. (Univ. of Southern California)	Medical Imaging and Computer Vision	dongsung@ssu.ac.kr
Kim, Jonghoon	Professor	Ph.D. (Northwestern Univ.)	Optic and Wireless Communication Systems	chkim@ssu.ac.kr
Jung, Souhwan	Professor	Ph.D. (Univ. of Washington)	Network Security	souhwanj@ssu.ac.kr
Hong, Min-Cheol	Professor	Ph.D. (Northwestern Univ.)	Video/ Image Processing and Visual Communication	mhong@ssu.ac.kr
Moon, Yong	Professor	Ph.D. (Seoul National University)	Integrated Circuits Design	moony@ssu.ac.kr
Yoo, Myungsik	Professor	Ph.D. (State Univ. of New York at Buffalo)	Computer Network	myoo@ssu.ac.kr
Lee, Seongsoo	Professor	Ph.D. (Seoul National University)	Automotive Semiconductor and Soc Design	sslee@ssu.ac.kr
Han, Youngjoon	Professor	Ph.D. (Soongsil Univ.)	Robot Vision	young@ssu.ac.kr
Chung, Yun-Won	Professor	Ph.D. (KAIST)	Wireless Networks; Mobile Networks	ywchung@ssu.ac.kr
Shin, Hyun-Chool	Professor	Ph.D. (POSTECH)	Neural Engineering and Neural Signal Processing	shinhc@ssu.ac.kr
Shin, Oh-Soon	Professor	Ph.D. (Seoul National University)	Wireless Communication Systems and Signal Processing for Communications	osshin@ssu.ac.kr
Park, Changkun	Professor	Ph.D. (KAIST)	RF Integrated Circuits and Systems	pck77@ssu.ac.kr
Lee, Jong-Ho	Associate Professor	Ph.D. (Seoul National University)	Wireless Communication	jongho.lee@ssu.ac.kr
Kim, Kanghee	Associate Professor	Ph.D. (Seoul National University)	Real-Time Embedded Systems	khkim@ssu.ac.kr
Lee, Hojin	Associate Professor	Ph.D. (University of Michigan)	Low Power Thin-film Transistors and Circuits for AMOLED and MEMS Displays	hojinl@ssu.ac.kr
Noh, Dong-Kun	Associate Professor	Ph.D. (Seoul National University)	Distributed Embedded Systems	dnoh@ssu.ac.kr

# Department of Electronic Engineering

Name	Position	Degree	Major	E-mail
Park, Minhoo	Associate Professor	Ph.D. (Seoul National University)	Network and Security	mhp@ssu.ac.kr
Yoo, Geonwook	Assistant Professor	Ph.D (Univ. of Michigan, Ann Arbor)	Solid-state devices	gwyoo@ssu.ac.kr
Hong, Sun K.	Assistant Professor	Ph.D. (Virginia Tech)	Applied Electromagnetics, Signal Processing	shong215@ssu.ac.kr
Lee, Kwang-Hyung	Emeritus Professor	Ph.D. (Chungang Univ.)	Computing and Signal Processing	khlee81@ssu.ac.kr
Jo, Soonchul	Emeritus Professor	Ph.D. (Carnegie Mellon Univ.)	Information Storage and Magnetic Devices	jschul@ssu.ac.kr
Yang, Seung-In	Emeritus Professor	Ph.D. (KAIST)	Microwaves and Antennas	siyang@ssu.ac.kr
Shin, Jong-Dug	Emeritus Professor	Ph.D. (Texas A&M Univ.)	Fiber-Optic Communication Systems and Networks	jdshin@ssu.ac.kr

# Department of Electrical Engineering

The Department of Electrical Engineering's academic curriculum maintains a pure electrical engineering department which is core to electrical engineering industries. The education of excellent engineering researchers in a wide variety of electrical engineering fields and of excellent human resources leads the rapidly changing domestic and international industries. The department has produced over 300 graduates since 1977, and there are currently 12 operational labs in the school.

The department was selected as the best graduate school of academic disciplines in 2000 by the Korea Council for University Education. The 'Song-II-Geun Award' was established by the ABI in the United States to honor Dr. Song II-Geun, one of our prominent graduates, for his work in the field of electrical engineering.

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## AREAS OF SPECIALIZATION

- Energy and Industrial Electronics

This major consists of energy conversion and power condition related to electrical engineering.

- Electrical Materials and High Power

This major consists of materials engineering, display engineering and high voltage engineering.

- Measurement Control and System

This major consists of control power systems engineering and power system engineering.

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## PROGRAM OF STUDY

Our education takes progress by various ways such as lectures and seminars. Based on basic knowledge of undergraduate courses, teaching progresses by choosing textbooks about updated electrical engineering fields, searching dissertations, the newest lab research trends, and professional guest lecturers from industrial fields.

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## CONTACT INFORMATION

Department of Electrical engineering

TEL: 02 - 820 - 0640

FAX: 02 - 817 - 7961

E-mail: electrical@ssu.ac.kr

Website: ee.ssu.ac.kr

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## COURSES

### Common Courses

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21604110	Numerical Analysis of Electromagnetic Field
21604116	Power Electronics
21604144	Theory of Material Properties
21604148	Topics in High Voltage Insulation
21604182	Linear Systems
21604187	Digital Signal Processing
21604201	Information Display Device Engineering
21604209	Power System Engineering
21604221	Advanced Engineering Mathematics
21604222	Engineering Management
50237704	Energy Storage System

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### Energy and Industrial Electronics

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21604111	Electromagnetic Energy Conversion
21604112	Electric Machine Design I
21604113	Electric Machine Design II
21604114	Electric Machine for Special Purpose
21604117	Topics in Direct Energy Conversion
21604118	Microprocessor Applications
21604119	Computer Processor Control
21604120	Advanced Digital Electronic Circuits
21604121	Switch Automata Theory
21604122	Topics in Measurement Instruments
21604123	Sequential Machines
21604124	Instrumentation Control System
21604125	Robot Control
21604126	Intelligent Robot
21604128	Electromagnetic Nondestructive Testing
21604129	Finite Element Method for Electric Machine
21604130	Boundary Integral Equation Method for Electric Machine
21604131	Topics on Digital Automation System
21604132	Application of Microcontroller
21604133	Application of Mechatronics
21604134	Topics on Measurement & Signal Processing



21604135	Topics in Electromagnetic Sensor
21604136	Renewable Energy Conversion
21604137	Fuel Cell System Engineering
21604138	Electric Hybrid Vehicle Design
21604139	Advanced Power Electronic Systems
21604140	Design of the Motor Drive Systems
21604141	Superconducting engineering
21604142	Superconducting power application engineering
21604218	Switching Mode Power Supply Design
50074850	Introduction to Fuel Cells
50084021	Introduction to Fuel Cell Vehicle
50084022	Advanced Electric Machinery
50107160	Electric Energy Audit Engineering For GHG Mitigation
50229176	Superconducting fault current limiter
50231265	Industry–academy cooperation Seminar I
50237706	Special Topics in the Fuel Cells
50240908	Energy Engineering
50249276	Energy Conversion Technology
50252267	Optimization Technology for High Efficiency Device
50258872	Special Topics on Energy Conversion
50260057	Energy Management Techniques
50291876	Design of the Charger
50298657	Advanced Renewable Energy Conversion Engineering

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### Electrical Materials and High Power

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21604143	Electromagnetic Field Theory
21604145	Topics in Dielectrics
21604146	Topics in Electric Conductivity
21604147	Topics in Superconductivity
21604149	Insulation Coordination in High Voltage Power System
21604150	Application of High Voltage Engineering
21604151	Theory and Application of Electric Discharge
21604152	Topics in Propagation Wave
21604153	High Current Engineering
21604154	Diagnosis of Electrical Equipments
21604155	High Voltage Direct–Current Transmission
21604156	Laser Engineering
21604157	Laser Application

# Department of Electrical Engineering

21604158	Liquid Crystal Display Device Engineering
21604159	Electrical and Electronic Materials Engineering
21604160	Molecular Electronic Device Engineering
21604161	Flat Panel Display Device Materials
21604162	Opto–electronic Materials and Devices
21604163	Physics of Liquid Crystals
21604164	Thin–Film–Transistor Liquid Crystal Device
21604165	Ferroelectric Liquid Crystal
21604166	Advanced Lighting Engineering
21604167	Electrostatic Engineering
21604168	Advanced Theory of High Voltage Engineering
21604169	Lightning Discharge Theory
21604170	High Voltage Pulsed Power Engineering
21604171	Plasma Engineering
21604172	Microwave Engineering
21604173	Special Topics in Solid Physics
21604174	Display System Engineering
50125383	Solid–state lighting
50229181	Lighting System
50237703	Special Topics on the LED Lighting
50252263	Display Lighting Optics
50258801	High Efficiency Lighting Equipment Engineering

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## Measurement Control and System

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21604175	Power System Analysis
21604176	Operation and Control of Systems
21604177	Power Systems Planning
21604178	Power Protection Systems
21604179	Hierarchical Control of Power Systems
21604180	Design and Operation of Power Systems Apparatus
21604181	Network Analysis and Synthesis
21604183	Adaptive Control
21604184	Optimal Control Theory
21604185	Digital Control Theory
21604186	Topics in Stochastic Control
21604187	Digital Signal Processing
21604189	Design and Application of Adaptive Filters
21604190	Intelligent Control and its Application

21604191	Design of Control Systems
21604192	Numerical Analysis
21604193	Application of Artificial Intelligent to Power Systems
21604195	Simulation Engineering of Power Systems
21604196	Neural Network Theory
21604197	Topics in Digital Signal Processing
21604198	Pattern Recognition
21604200	Random Processes
21604206	Topics in Intelligent Systems
21604207	Reliability Analysis to Power Systems
21604208	Power Conversion and Energy Engineering
21604210	Distribution System Analysis and Control
21604211	Design and Application of Protection and Control System
21604212	Analysis and Estimation of Power Quality
21604213	Power System Economics
21604214	Transmission Price
21604215	Optimal Power Flow
21604216	Advanced Control Engineering
21604217	Electricity Trading
21604219	Nonlinear Systems
50086781	Applied Bioelectricity
50086782	Special Topics in Information Technology for Power System
50086783	Smart Grid
50125385	Electrical Plant Engineering & Design
50229179	Wind Power System
50237705	Control of Electric Machinery
50252271	Digital Protective Relay
50258803	Effect of Electromagnetic Field on the Human Body
50270861	High Efficiency Power circuits
50298658	Topics in Smart Grid Technology
50298659	Public Lighting System
50325929	Control of Smart Grid System
50388609	Nonlinear Control in Power Electronics
50413293	INVERTERS: MODULATION AND CONTROL
50348077	Advanced switching circuit analysis and design

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# Department of Electrical Engineering

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Jeon, Hee-jong	Professor	Ph.D.(Chungang Univ.)	Power Electronics	hjjeon@ssu.ac.kr
Kim, Jae-Chul	Professor	Ph.D.(Seoul National Univ.)	Electric Power System	jckim@ssu.ac.kr
Lee, Hyang-Beom	Professor	Ph.D.(Seoul National Univ.)	Electric Machines Electromagnetic Numerical Analysis, NDT	hyang@ssu.ac.kr
Kang, Daeseung	Professor	Ph.D.(Case Western Reserve Univ.)	Liquid Crystal; Display	dkang@ssu.ac.kr
Ryeom, Jeong-Duk	Professor	Ph.D.(Seoul National Univ.)	Electrical Discharge; Display System	cosmos01@ssu.ac.kr
Jo, Nam-Hoon	Professor	Ph.D.(Seoul National Univ.)	Control System	nhjo@ssu.ac.kr
Song, Kyung-Bin	Professor	Ph.D.(Texas A&M Univ.)	Electric Power Economics; Power System Operation & Control	kbsong@ssu.ac.kr
Roh, Young-Su	Professor	Ph.D.(Univ. of California, Davis)	Plasma Physics	yroh@ssu.ac.kr
Choi, Woo-Jin	Professor	Ph.D.(Texas A&M Univ.)	Power Electronics	cwj777@ssu.ac.kr
Lim, Sung-Hun	Professor	Ph.D.(Chonbuk Nat'l Univ.)	Superconducting Power Application & Power System Protection	superlsh73@ssu.ac.kr
Byun, Jin-Kyu	Associate Professor	Ph.D.(Seoul National Univ.)	Bioelectricity; Optimal Design Theory	jkbyun@ssu.ac.kr
Park, Joung-Hu	Associate Professor	Ph.D.(Seoul National Univ.)	Renewable Energy System, Power Electronics	wait4u@ssu.ac.kr
Kim, Gibak	Associate Professor	Ph.D.(Seoul National Univ.)	Signal Processing	imkgb27@ssu.ac.kr
Yoon, Sung-Guk	Assistant Professor	Ph.D.(Seoul National Univ.)	Smart Grid	sgyoon@ssu.ac.kr
Bae, Won-gyu	Assistant Professor	Ph.D.(Seoul National Univ.)	MEMS	wgbae@ssu.ac.kr

Graduate School of Soongsil University

Name	Position	Degree	Major	E-mail
Ashraf Abdel hafeez Ahmed Mahmoud	Assistant Professor	Ph.D.(Durham Univ.)	Electrical Engineering	ahmed@ssu.ac.kr
Kim, Kyung-Yol	Emeritus Professor	Ph.D.(Myungji Univ.)	Electrical Circuit	
Lee, Bo-Ho	Emeritus Professor	Ph.D.(Inha Univ.)	Electrical Material	
Kwak, Hee-Ro	Emeritus Professor	Ph.D.(Chungang Univ.)	High Voltage Engineering	
Chung, Chan-Soo	Emeritus Professor	Ph.D.(Seoul National Univ.)	Control Engineering	chung@ssu.ac.kr

# Department of Mechanical Engineering

Since 1969, with Soongsil university's founding idea and spirit of 'Truth and Service', the department of mechanical engineering has educated and nurtured students to make them creative in advancing the cause of the mechanical engineering and contributing to improvement of social and industrial welfare. So far, about 4,000 alumna with bachelor, master and doctoral degrees were graduated and are working actively in research, industry, education and governments. Currently the department is equipped with the latest research facilities and educational tools to train undergraduate students, who will become capable and professional mechanical engineers in the future. And the department also offers to the students an excellent and in-depth education in order for them to apply their knowledge and techniques learned during their education to not only industrial fields such as plants, electronics, semiconductors, automotive, electrical power, heavy industrial equipment, shipbuilding industries, etc. but also academic and research fields such as universities, research institutes, etc.

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## GRADUATE STUDY

Graduate School in the Department of Mechanical Engineering has a fine reputation for quality teaching and outstanding research since 1976. It is equipped with recently refurbished laboratories and specialized facilities for training graduate students to become competent and professional engineers and to lead in the development of advanced engineering technologies. The graduate students are taught by 12 professors who conduct in-depth research as well as teach practical mechanical engineering skills through various experiments and practice. There are funding opportunities for graduate students as general scholarships, TA's, and RA's, that benefit from research grants by industry and government as they work with their supervisor in the mechanical research field. Also, a newly wide range university-managed accommodation options are offered under related regulations. Graduates from the department of mechanical engineering, like our over 350 previous graduates, will find employment opportunities covering a wide range of industrial fields, including plants, electronics, semiconductors, automotive, electrical power, heavy equipment, etc., as well as university faculty, research positions in government laboratories, and independent businesses.

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## EDUCATIONAL GOALS

Based on the university's founding ideal of 「Truth and Service」 the Department of Mechanical Engineering primarily aims to play a leading role in the advancement of mechanical engineering and ultimately to contribute to the promotion of social welfare. To this end, the graduate program provides both a Master's program and a Doctoral program. Both degree programs educate field engineers who are capable of handling practical problems by applying fundamental theories and state-of-the-art technologies in mechanical engineering, and train high-quality human resources who are ready to participate in teaching, research, and management in multidisciplinary areas.

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## AREAS OF SPECIALIZATION

- Thermofluids and Energy : Air-conditioning and acoustics, Energy systems, Fluid flow, Automotive environment
- Materials, Design and Production : Solid mechanics, CAD/CAM, Advanced materials, Mechanical engineering design, Precision engineering
- Dynamics and Control : Automatic control, Vibration, Mechatronics

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## PROGRAM OF STUDY

The department offers graduate programs leading to the degree of Master of Science (MS) and Doctor of Philosophy (Ph.D), with speciality in mechanical engineering. A variety of lectures and seminars are currently offered by the department for both MS and Ph.D programs. Graduate programs offer preparation for a professional career, with possibilities in teaching and research, development, and management. The MS program is typically 2 years in duration, and involves both coursework and completion of a dissertation based on original research. Master's students must pass a competency exam to enter the research stage. During the first year, students should choose an advisor for research upon entering the program. The Ph.D. program has another admission process. Successful completion of the Ph.D requires coursework substantially beyond that taken at the master's level, passing of a qualifying exam typically taken after 2-3 years of study, and the completion and successful defense of a thesis based on high-quality and original research.

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## CONTACT INFORMATION

Department of Mechanical Engineering

TEL : 82-2-820-0650

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E-mail : me@ssu.ac.kr

Website : <http://me.ssu.ac.kr>

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## COURSES

### Common Courses

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21604472	Numerical Analysis
21604476	Acoustics
21604479	Signal Processing
21604480	Special Project in Mechanical Engineering
21604481	Advanced Engineering Mathematics
21604482	Mechanical Engineering Analysis
21604483	Experiment Design
21604484	Continuum Mechanics

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### Thermofluids and Energy

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21604488	Advanced Fluid Machinery
21604492	Computational Fluid Dynamics
21604493	Biofluid Mechanics
21604499	Combustion Engineering
21604500	Advanced Internal Combustion Engines
21604501	Advanced Heat Transfer
21604502	Convection Heat Transfer
21604505	Statistical Thermodynamics
21604506	Aeroacoustics
21604511	Advanced Fluid Mechanics
21604512	Gas Dynamics
21604513	Energy Conversion Engineering
21604514	Numerical Heat Transfer
21604515	Thermal Radiation



21604516	Advanced Air-Conditioning
21604517	Design of Thermal Systems
21604518	Environmental Thermal Engineering
21604519	Turbulence
21604520	Non-Newtonian Fluid Mechanics
21604521	Applied Hydraulic Engineering
21604522	Instability Theory
21604523	Advanced Automotive Engineering
21604524	Alternative Energy Engines
21604525	Advanced Thermodynamics
21604526	Phase Change Heat Transfer
21604527	Advanced Refrigeration Engineering
50086787	Advanced Automotive Environment Engineering
50277776	Fluid System Designed robotics
50277777	Hemodynamic
50315726	Fluid Engineering Seminar
50315730	Fluid Power
50352001	Engineering Numerical Simulation
50422695	Advanced Fuel Cell Technology

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## Materials, Design and Production

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21604531	Advanced Solid Mechanics
21604532	Strength of Materials
21604535	Finite Element Method
21604540	Cutting Process
21604552	Advanced Mechanical Materials
21604573	Theory of Plasticity
21604574	Fracture Mechanics
21604575	Surface Modeling
21604576	Advanced Machine Design
21604577	Stress Analysis
21604578	Theory of Plates and Shells
21604579	Boundary Element Method
21604580	Materials Behaviors
21604581	Composite Materials
21604582	Solid Modeling
21604583	Optimum Design
21604584	Design for Manufacturing and Assembly

# Department of Mechanical Engineering

21604585	Mechanical System Design
21604586	Rapid Prototyping
21604587	Computer Aided Manufacturing
21604588	Precision Machining
21604589	Non-traditional Machining Process
21604590	Theory of Elasticity
21604591	Reliability Engineering
21604592	Metal Forming
21604564	Advanced Welding Metallurgy
21604594	Machine Vision
50276350	Micro Machining
50315733	Nanomaterials – Synthesis, Processing, and Applications
50315735	Computer Simulation in Machining and Manufacturing

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## Dynamics and Control

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21604473	Automatic Control
21604560	Design of Automatic System
21604566	Adaptive Control
21604569	Elastic Wave Theory
21604570	Nonlinear Control
21604572	Mechatronics
21604595	Advanced Dynamics
21604596	Advanced Vibration Engineering
21604597	System Modeling
21604598	Vibration Analysis of Continuous Systems
21604599	Nonlinear Vibration
21604600	Noise Engineering
21604601	Digital Control
21604602	Multi-Input Multi-Output Control
21604603	Robust Control
21604604	Sensors & Actuators
21604605	Intelligent Control System
21604606	Advanced Control Theory
21604607	Human Body Dynamics
21604608	Human Vibrations
21604609	Precision Mechtronic System
21604610	Electromagnetic Actuator Control
50084077	Rotordynamics
50276350	Micro machining
50276349	Advanced robotics
50315739	Vibration control of Motion systems

---

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Yi, Won	Professor	Ph.D.(Nihon Univ)	Mechanics of Materials	yiwon@ssu.ac.kr
Ahn, Jeong-Ho	Professor	Ph.D.(Univ. of Minnesota)	CAD/CAM	jhahn@ssu.ac.kr
Kim, Jin-Oh	Professor	Ph.D.(Univ. of Pennsylvania)	Vibration and Wave	jokim@ssu.ac.kr
Ahn, Hyeong-Joon	Professor	Ph.D.(SNU)	Mechatronics	ahj123@ssu.ac.kr
Lee, Jin-Wook	Professor	Ph.D.(SNU)	Automotive Engineering	immanuel@ssu.ac.kr
Kim, Bo Hyun	Professor	Ph.D.(SNU)	Manufacturing Process & Micro machining	bhkim@ssu.ac.kr
Lee, Donghun	Assistant Professor	Ph.D.(SNU)	Robotics, Robust Design	dhlee04@ssu.ac.kr
Park, Sung-Hoon	Assistant Professor	Ph.D.(Univ. of California San Diego)	Nano-composite Multi-functinmal surface material	leopark@ssu.ac.kr
Park, Taehyun	Assistant Professor	Ph.D.(SNU)	New and Renewable Energy	taehyunpark@ssu.ac.kr
Lim, Young-Ho	Emeritus Professor	Ph.D.(Sungkyunkwan Univ.)	Cutting and Manufacturing	
Ryu, Bong-Hwan	Emeritus Professor	Ph.D.(Kyunghee Univ.)	Machine Design	bonghryu@hanmail.net
Kim, Mun-Heon	Emeritus Professor	Ph.D.(Sungkyunkwan Univ.)	Internal Combustion Engine	asanmhkim@hanmail.net
Kwon, Young-Pil	Emeritus Professor	Ph.D.(KAIST)	Thermo-Fulid Mechanics	ypkwon@ssu.ac.kr
Chung, Nam-Yong	Emeritus Professor	Ph.D.(Univ. of Tokyo)	Strength of Materials & Machine Design	nychung@ssu.ac.kr
Suh, Sang-Ho	Emeritus Professor	Dr. Ing.(Universitat Stuttgart)	Thermal and Fluid Engineering	suhsh@ssu.ac.kr
Lee, Gun-Bok	Emeritus Professor	Ph.D.(Univ. of California, Berkeley)	Automatic Control	gblee@ssu.ac.kr
Yoo, Ho-Seon	EmeritusProfessor	Ph.D.(SNU)	Energy Systems and Mechanical Facilities	hsyoo@ssu.ac.kr

# Department of Industrial & Information Systems Engineering

- A variety of majors that offer competitive educational programs and research opportunities.
- M.S. and Ph.D. courses that are exciting and academically challenging.
- Balanced courses for academic research and practical application of knowledge to industries.

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## AREAS OF SPECIALIZATION

### Industrial Systems Engineering

This field provides a foundation in modern techniques of industrial systems engineering for graduates with degrees in industrial engineering, computer science or engineering, or management. Operations Research, Manufacturing Systems Engineering, and Quality and Management Engineering are included in this field.

### Information Systems Engineering

An Information system (IS) is a group of five components, hardware, software, data, procedure, and people that interact to produce management information. This field is concerned with the development and use of ISs. Management Information Systems, e-Business Systems, Software Engineering, and Network Systems are included in this field.

### Human-Computer Interaction

HCI aims at improving the interaction between users(human) and computers(machines that contain computing elements) by increasing the usability of user interfaces, including software and hardware. HCI is an interdisciplinary study that utilizes theories and methodologies from human studies(e.g., psychology and sociology), computer science, and other fields.

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## PROGRAM OF STUDY

Teaching is performed by a variety of lectures and seminars. Assessment methods include written examination, assessed coursework, presentation, and a dissertation. Various tools and research resources are utilized for effective teaching.

Each major offers a variety of courses which are all elective subjects.

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## CONTACT INFORMATION

Department of Industrial & Information Systems Engineering

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FAX : 82-2-825-1094

E-mail : insteng@ssu.ac.kr

Website : iise.ssu.ac.kr

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## COURSES

### O.R.(Operations Research)

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21605671	Advanced Linear Programming
21604672	Nonlinear Programming
21604673	Dynamic Programming
21604674	Integer Programming
21604675	Network Theory
21604676	Queueing Theory
21604677	Multiobject Programming
21604678	Game Theory
21604679	Seminar in Operations Research
21604680	Advanced Optimization
50276406	Applied stochastic process
50315006	Dynamic Systems
50416716	Deep Learning

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### Manufacturing Systems Engineering

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21604748	Production Planning and Control
21604749	Inventory Theory
21604750	Logistics Management System
21604751	Scheduling Theory
21604752	Seminar in Production Management
21604753	Manufacturing Systems Simulation
21604754	Computer Based Production System
21604755	Modelling and Design of Flexible Manufacturing Systems
21604758	Advanced Topics in Concurrent Engineering
21604759	Manufacturing Facility Analysis & Design
21604760	Analytical Models in I.E
21604761	Automated Manufacturing Information Systems
21604762	Algorithm

21604763	Performance Analysis of Manufacturing Systems
21604764	Customer–Driven Manufacturing
21604765	Advanced Intelligence in Design and Manufacturing
21604766	Advanced Topics in Automated Manufacturing Systems
21604767	Engineering/ Business Process Mapping
21604768	Discrete Event Dynamic Systems
21604769	Environmental Conscious Manufacturing Systems
21604770	Advanced Topics in Systems Engineering
21604771	Advanced Topic in Factory Automation
21604772	Automated Storage/ Retrieval System
21604773	Graph Theory and Application
21604774	Advanced Modelling and Analysis on Supply Chain Network
21604775	Intelligent Manufacturing System
21604776	Production Information System
21604777	Manufacturing System Modelling and Analysis
21604778	Quick Response Manufacturing System
21604779	Manufacturing Process Design and Control
21604780	Industrial Telerobotics
50318378	Logistics Process Management
50348386	Advanced Issues in Product Development Management
50348388	Logistics Service Strategy
50422596	Sustainable Green Design

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## Quality and Management Engineering

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21604659	Cost Estimation for Engineering
21604660	Advanced Engineering Economy
21604661	Economic & Multi–attribute Analysis of Industrial Project
21604662	Research & Development Management
21604663	Topic in Management Engineering
21604666	Quality Management
21604668	Non–Parametric Statistics Analysis
21604681	Stochastic Processes
21604682	Advanced Experimental Design
21604683	Quality Engineering
21604684	Software Reliability Analysis
21604685	Decision Analysis
21604686	Advanced Regression Analysis
21604694	Statistical Simulation

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21604695	Reliability Engineering
21604756	Applied Time Series Analysis
21604757	Statistical Analysis of Life Data
50237777	Understanding Foreign and Domestic Environmental Regulations
50237778	Green Production Technology Internship I
50250125	Academic-Industrial CO-OP Seminar II
50388922	Advanced Electrical Safety
50258958	Green Production Technology Internship II

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#### HCI(Human-Computer Interaction)

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21604781	Human-Computer Interaction
21604782	Usability Engineering
21604783	Cognitive Engineering
21604784	Advanced Topics in HCI
21604785	HCI Research Methodology
50414022	Occupational Biomechanics

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#### Management Information Systems

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21604687	Advanced Management Information Systems
21604701	Advanced Information Technology
21604702	IT Consulting and Professional Services
21604669	Advanced Systems Analysis & Design
21604733	Knowledge Management Systems
21604734	Business Innovation Seminar
21604735	Information Systems Architecture
21604736	Data Warehouse and Applications
21604737	Web-based Information Modeling
21604738	Customer Relationship Management
21604741	Knowledge Information System
21604742	Management Information Technology Model
21604743	Information Industry Management
21604744	On-Line Analytical Processing Solutions I
21604745	On-Line Analytical Processing Solutions II
21604746	On-Line Analytical Processing-Multidimensional Expressions

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## E–Business

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21604705	E–Commerce Management
21604706	E–Commerce Technology
21604707	Internet Information Systems
21604708	Data Mining
21604747	Accounting Information System
21604709	Internet Marketing Fundamentals
21604710	Web–based Information Architectures
21604712	Advanced Topics in e–Business
21604739	Human Aspects in e–Business systems
21604740	Advanced Topics in Process Management

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## Network System

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21604720	Computer Networks
21604713	Network Programming
21604714	Network Security
50084075	Convex Optimization
21604719	Advanced Algorithm
21604717	Selected Topics in the Telecommunication Network Design
21604802	Transportation System Analysis
21604721	Mathematical Methods for the Industrial and Information Systems Engineering
21604722	Metaheuristic Algorithms

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## Software Engineering

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21604723	Computer Algorithm
21604724	Integrated Development of Software and Hardware
21604725	Advanced Topics of Management of Software Development
21604726	Modeling and Design of Object Oriented Software
21604727	Data Mining and Machine Learning
21604670	Knowledge Based System
21604729	Development of Knowledge Management System
21604730	Design of Software for AI
21604731	Development of Expert system and Software

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## DEPARTMENTAL REQUIREMENTS

All courses included in the curriculum are optional. Therefore, each student can take a variety of subjects during his or her coursework.

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Lim, Tae Jin	Professor	Ph.D. (Cornell Univ.)	Applied Statistics	tjlim@ssu.ac.kr
Cho, Moonsoo	Professor	Ph.D. (Univ. of Iowa)	Concurrent Engineering	jmsu@ssu.ac.kr
Lee, Gun Ho	Professor	Ph.D. (Univ. of Iowa)	Software Engineering	ghlee@ssu.ac.kr
Park, Tae Hyung	Professor	Ph.D. (Virginia Tech.)	Network Systems	tpark@ssu.ac.kr
Kim, Dongsoo	Professor	Ph.D. (Seoul National Univ.)	e-Business	dskim@ssu.ac.kr
Hwang, Wonil	Professor	Ph.D. (Purdue Univ.)	Human-Computer Interaction	wonil@ssu.ac.kr
Yoon, Suk-Hun	Associate Professor	Ph.D. (Pennsylvania State Univ.)	O.R.	yoons@ssu.ac.kr
Son, Jae Dong	Associate Professor	Ph.D. (Univ. of Tsukuba)	Social Systems Engineering	son88@ssu.ac.kr
Park, Taезoon	Associate Professor	Ph.D. (Purdue Univ)	Cognitive Ergonomics Safety Engineering	tzpark@ssu.ac.kr
Kang, Changmuk	Associate Professor	Ph.D. (Seoul National Univ.)	Design Engineering	changmuk.kang@ssu.ac.kr
Kwak, Minjung	Associate Professor	Ph.D. (Univ of Illinois)	Sustainable Design	mkwak@ssu.ac.kr
Han, Jinil	Assistant Professor	Ph.D. (KAIST)	Management Science optimization	jinil.han@ssu.ac.kr
Choi, In Soo	Emeritus Professor	Ph.D. (Seoul National Univ.)	MIS	ischoi@ssu.ac.kr
Chung, Byung Hee	Emeritus Professor	Ph.D. (Seoul National Univ.)	Production Management	bhchung@ssu.ac.kr

# Department of Architecture and Architectural Engineering

The graduate program in the Department of Architecture nurture diverse and competent professionals in the field of architecture, well versed in both theoretical and practical knowledge, who can match the challenging paradigms of globalization and specialization in today's knowledge – and information – based world. In order to meet the society's current needs, the program encourages creative inquiries into contemporary problems of architectural design and engineering, while maintaining a balance between professional training and research.

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## AREAS OF SPECIALIZATION

- Architectural Design & Programming
- Urban Design & Planning
- Architectural History & Design Theory
- Structural Engineering
- Building Materials
- Construction Management/Technology
- Building Environment & Green Building Materials

The graduate program in the Department of Architecture is designed to train students as competent professionals in the field of architecture. The Department provides students with opportunities to study the ordered relationship of people and the environment, as well as to cultivate their practical abilities as architects and engineers. Through advanced training in architectural practice and engineering theories, students will be guided to complete their dissertations for Master's or Doctoral degrees.

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## PROGRAM OF STUDY

In – depth knowledge and practical abilities in specialized fields are taught through lectures and seminars. Achievements of students are assessed through coursework, research presentation, written examination, and a dissertation.

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## CONTACT INFORMATION

Department of Architecture  
TEL : 82-2-820-0700  
FAX : 82-2-816-3354  
E-mail : architect@ssu.ac.kr  
Web site : soar.ssu.ac.kr

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## COURSES

### Common Courses

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21604828	Advanced Architecture Design I
21604829	Themes in History of Korean/Far Eastern Architecture
21604830	Themes in History of Western Architecture
21604831	Architectural Problem Solving Methodology
21604832	Structural Planning
21604833	Building Materials I
21604834	Building Systems Design
21604835	Energy-Conscious Design

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### Architectural / Urban Design, Planning, Theory / History

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21604837	Advanced Architectural Design II
21604838	Advanced Architectural Design III
21604839	Design & Planning of Educational Facilities I
21604840	Seminar in Architecture I
21604841	Seminar in Architecture II
21604842	Design Methodology
21604843	Main Currents of Modern Movement in Architecture
21604844	Design & Planning of Educational Facilities II
21604845	Planning & Design of Housing for Disabled & Celibate People
21604846	Advanced Theories of Residential Planning
21604847	Efficient Use of Space in Multi-Family Housing
21604848	Information in Architecture
21604849	Design of Building Elevations

# Department of Architecture and Architectural Engineering

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21604859	Readings in Architecture Theories I
21604851	Contemporary Theory and Criticism of Architecture
21604852	Contemporary Architecture in Non-Western World
21604853	Critical Monuments of Modern Architecture
21604854	Advanced Theories of Interior Architectural Planning
21604860	Theories of Urban & Regional Planning
21604861	History and Theories of Urban Form Case Studies in Urban Design
21604862	Case Studies in Urban Design
21604863	Theory of Urban Development & Renewal
21604864	Transportation Planning
21604865	New Town Planning
21604866	Future of Metropolis
21604867	Computer Programming Techniques for Architectural Problems
21604868	Computer Graphics I
21604869	Computer Graphics II
21604870	Architectural Design Modelling System
21604871	Data Structure for Architectural Design
21604877	Database & Its Application to CAAD
21604878	Studies in Townscape Design
21604879	Studies in Campus Planning
21604880	Architecture and Politics
21604881	Housing Typology and Urban Form
21604882	Reading in Architectural Theories II
21604883	Professional practice in Architecture

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## Structural Engineering / Building Materials & Construction Management / Building Environment

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21604885	Advanced Mechanics/Materials
21604886	Theory of Buckling
21604887	Theory of Elasticity
21604888	Energy Method of Structural Analysis
21604889	Theory of Plasticity
21604890	Matrix Structural Analysis
21604891	Finite Element Method
21604892	Non-Linear Problems in Structural Analysis
21604893	Computer Method in Structural Engineering
21604894	Structural Dynamics
21604896	Seismic Design of Buildings

21604897	Advanced Steel Structure
21604898	Advanced Design of Steel Structure
21604899	Hybrid Structures
21604900	Advanced Design of Reinforced Concrete
21604901	Advanced Reinforced Concrete Structure
21604902	Design of Pre-Stressed Concrete Structure
21604903	Seminar I in Architectural Structures
21604904	Seminar II in Architectural Structures
21604905	Experimental Stress Analysis
21604906	Building Materials II
21604907	Experimental Studies for Building Materials
21604908	Evaluation of Material Performance
21604909	Advanced Construction Technology
21604910	Pre-Fabricated Building Construction
21604911	Advanced Construction Management
21604912	Building Economics
21604913	Construction Management Technology
21604914	Construction Quality Management
21604915	Construction Project Management
21604916	Facilities Management
21604917	Construction Management Research Seminar
21604918	Construction Business Administration
21604919	Computer Application for Construction
21604920	Construction Cost Management
21604921	Construction Performance and Productivity Improvement
50084079	Theory of architectural Environment
50084080	Advanced Studies on Building Thermal Environment
50084081	Advanced Studies on Indoor Air Quality
50084082	Advanced Studies on Building Environmental Control System
50084083	Advanced Studies on Green Building Materials
50084084	Sustainable Building Environmental Control System Seminar
50084085	Advanced Studies on Ecological Architecture
50084096	Building Energy Performance Analysis
50235561	Technology in Architecture
50235562	Construction Management
50235563	Construction Cost Estimation &Control
50235564	Construction Contracting and Legal Aspects
50235565	Criticism of Architectural Engineering
50235566	Construction Risk Management

# Department of Architecture and Architectural Engineering

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50235567	Construction Material Management and Procurement
50235569	Theory of Preconstruction
50235571	Construction Project Financing
50235572	Building Maintenance
50235573	Construction Safety Management
50235574	Construction Decision Making
50235575	Construction Law & Policy
50235576	Construction Information Management
50235577	Construction Development Project
50235578	Seminar in Building Energy Simulation I
50235579	Seminar in Building Energy Simulation II
50235580	Seminar in Green Building I
50235581	Seminar in Green Building II
50235582	Seminar in Green Building Materials I
50235583	Seminar in Green Building Materials II
50235584	Studies in Environmental Modeling & Simulation
50235585	Advanced Building Environmental Technology
50235586	Advanced Studies on Passive House
50235587	Advanced Studies on Renewable Energy in Building
50235588	Advanced Studies on Conservation Energy in Building
50247884	Plant Construction
50315709	Building Design and Practice

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## DEPARTMENTAL REQUIREMENTS

Students seeking Master's degree in all specialized fields are required to complete at least 24 credits from the Department's courses and submit an acceptable dissertation. Ph.D. degrees are awarded upon satisfactory completion of an approved program of at least 36 credits from the Department's courses and a dissertation research, writing, and defense.

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Choi, Yoon Ki	Professor	Ph.D. (Seoul National Univ.)	Construction Management	ykchoi@ssu.ac.kr
Kim, Hong Gi	Professor	Dipl.-Ing (Architekt Univ. of Dortmund)	Architectural Design	hgkim@ssu.ac.kr
Choi, Won Joon	Associate Professor	Ph.D. (Seoul National Univ.)	Architectural Theory & History	choi.wonjoon@ssu.ac.kr
Choi, Kyoung Kyu	Associate Professor	Ph.D. (Seoul National Univ.)	Structural Engineering; Earthquake Engineering; RC Structures	kkchoi@ssu.ac.kr
Kim, Jung In	Associate Professor	Ph.D. (UC Berkeley)	Architectural Design & Urban Theory	jungin@ssu.ac.kr
Yoo, Hae Yeon	Associate Professor	Ph.D. (Seoul National Univ.)	Architectural Design	zenism@ssu.ac.kr
Kim, Su Mi	Associate Professor	Ph.D. (Seoul National Univ.)	Architectural Design	soomikim@ssu.ac.kr
Choi, Ha Jin	Assistant Professor	Ph.D. (Univ. of Illinois)	Structural Safety; Non-Destructive Evaluation	hjchoi@ssu.ac.kr
Kang, Su Min	Assistant Professor	Ph.D. (Seoul National Univ.)	Structural Engineering; Seismic Design	kangsm@ssu.ac.kr
Lee, Sun Gu	Emeritus Professor	Dr.-Ing. (Technische Univ. Berlin); Dipl.-Ing. Architekt M.A. (Freie Univ. Berlin)		
Choi, Oan Chul	Emeritus Professor	Ph.D. (Univ. of Kansas)	Structural Engineering; RC Structural / Composite Structural	occhoi@ssu.ac.kr
Kim, Jong Rak	Emeritus Professor	Dr.Eng. (Tokyo Institute of Technology)	Structural Engineering; Street Structure; Wind Load and Structural Response	jrkim@ssu.ac.kr
Yoon, Choon Sup	Emeritus Professor	Ph.D. (Univ. of Edinburgh)	Architectural Design	csyoon@ssu.ac.kr

# Department of Information and Telecommunication Engineering

- The competitive national reputation;
- Extensive research programs from which most students are financially supported.
- Excellent and various academic fields.
- MS and Ph.D courses which are exciting and academically challenging.

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## AREAS OF SPECIALIZATION

- MS in Information & Telecommunication Engineering
- Ph.D in Information & Telecommunication Engineering

The goal of the Department of Information and Telecommunication is to educate high-quality experts and mid-level managers with excellent capabilities in the area of information and telecommunication under the educational motto of Soongsil University, "Truth and Service".

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## PROGRAM OF STUDY

Teaching is by a variety of lectures, seminars, and term projects. Assessment is by written examination, assessed coursework, presentation, term projects, and a dissertation. The final grade is awarded by evaluating various modules. To become Master candidates or Ph.D candidates, He/her should pass the Qualifying examination.

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## CONTACT INFORMATION

Department of Information and Telecommunication Engineering

TEL : 82-2-820-0900

FAX : 82-2-821-7653

E-mail : [inforcom@ssu.ac.kr](mailto:inforcom@ssu.ac.kr)

Website : <http://infocom.ssu.ac.kr>



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## COURSES

### Communications and Signal Processing

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21604965	Multimedia Communications
21604970	Speech Communications
21604976	Speech Information Processing
21604972	Digital Signal Processing
21604974	New-Media Communications
21604975	Speech Synthesis Techniques
21604977	Speech Compression Coding
21604981	Satellite Communication Theory
21604984	Probability, Statistics and Random Signal Analysis
21604985	Communication Theory
21604986	Signal Transmission Techniques in Mobile Communications
21604987	Mobile Communication Systems
21604997	Signals and Systems
21604998	Probability and Statistics
21604999	Linear System Theory
21605000	Analog Communications
21605001	Digital Communications
21605002	Source Coding and Decoding
21605003	Audio Coding
21605004	Special Topics in Communication Circuit Analysis
21605005	Spread Spectrum Communication Systems
21605006	Code Division Multiple Access systems
21605007	Knowledge Information Processing Systems
21605008	System Modeling and Simulation
21605009	Analysis of Digital Systems
21605010	Biomedical Electronics
21605011	Image Information Comprehension
21605012	Optimization Theory
21605013	Detection, Estimation and Filtering
21605014	Estimation and Detection Theory
21605015	Time Series Analysis
21605016	Communication Signal Processing
21605017	Nonlinear Signal Processing
21605018	Stochastic Signal Processing
21605019	Array Signal Processing

21605020	Sub-band Coding & Signal Processing
21605021	Design and Application of Fuzzy and Neural Computer
21605022	Exchange Systems
21605023	Electronic Exchange Systems
21605024	Realistic Telecommunications
21605025	Multimodal Communications
21605026	Special Topics in Digital Signal Processing
21605027	Sound Effect Systems
21605028	Image Coding
21605029	Adaptive Filter Theory
21605030	Automatic Translation Systems
21605031	Ultrasonic Communication Systems
21605032	Underwater Acoustic Signal Processing
21605033	Navigating Communications
21605034	Information Theory
21605035	Channel Coding Theory
21605036	Communication Systems
21605037	Satellite Transponder
21605038	Signal Exchange Systems
21605039	Special Topics in Mobile Communication Systems
21605040	Special Topics in Underwater Acoustic Communication
21605043	Underwater Acoustic Communication and Signal Processing
21605080	Orthogonal Frequency Division Multiplexing Systems
21605042	Advanced Modulation and Demodulation Technology
50235925	Radar Signal Processing
50270980	Signal processingfor storage systems
50274951	SAR signal processing
50274952	Vehicle Communication Technologies
50325891	Smart Grids

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## Devices and Integrated Circuits

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21605047	Analog Integrated Circuit Design
21605048	Digital Integrated Circuit Design
21605049	Advanced Integrated Circuit Design
21605050	Special Topics in Integrated Circuits
21605051	VLSI Design
21605052	ASIC Design
21605053	Digital System Design

21605054	Solid State Electronics
21605055	Special Topics in Physical Electronics
21605056	Semiconductor Devices 1
21605057	Semiconductor Devices 2
21605058	Device Electronics for Integrated Circuits
21605059	Semiconductor Device Modeling
21605060	Microwave Semiconductor Devices
21605061	Special Topics in Semiconductor Devices
21605062	Integrated Circuit Fabrication Process
21605063	Magnetic Materials
21605064	Special Topics in Magnetic Materials
21605065	Magnetic Computer and Communication Devices
21605066	Magnetic Information Storage Engineering
21605067	Optical Data Storage Engineering
21605068	Computer Data Storage Engineering
21605069	SoC Architecture
21605070	SoC Design Methodology
21605071	Design of Radio–Frequency Integrated Circuits
21605072	Design of Analog/Mixed Signal
21605046	Embedded system design
21605073	Embedded Software Programming
21605074	IP Design and System Integration
21605075	Multimedia System Design
21605076	Full Custom Design
21605077	High Performance Memory Architecture Design
21605078	Communication System Design
21605079	Low Power System Design
21605081	Special Topics in Digital System Design
50235952	Device Physics for Various Display Technologies
50255488	Advanced Analog Integrated Circuits
50255490	MEMS Devices and Circuits
50274953	EMC design
50274954	Electronic system for next vehicle
50274955	Semiconductor design for Functional safety
50274956	High Reliable and security–supported OS
50274957	MCU design for Vehicle

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## Microwave and Lightwave

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21604979	Special Topics in Antennas
21605106	Microwave Circuits
21605045	Electromagnetic Fields
21604983	Numerical Techniques for Microwave
21604992	Semiconductor Laser Diodes
21604993	Optical Communication Systems
21604994	Fiber–Optic Networks
21604995	Quantum Electronics
21605082	Radiation, Propagation and Scattering of Electromagnetic Waves
21605083	Numerical Methods in Electromagnetics
21605084	Computer Aided Design for Microwave Components
21605085	Special Topics in Microwave Technology
21605086	Special Topics in CAD for Microwave and Millimeter–Wave Circuit
21605087	Special Topics in Microwave Systems
21605088	Numerical Techniques for Microwave and Millimeter–Wave Passive Structures
21605089	Nonlinear Microwave Circuits
21605090	Techniques against Electromagnetic Interference
21605091	Optical Electronics
21605092	Nonlinear Optics
21605093	Optics
21605094	Special Topics in Electromagnetic Waves
21605095	Radar Systems
21605096	Propagation Theory
21605097	Analysis and Design of Antennas
21605098	Special Topics in Wireless Communications
21605099	Satellite Communication Systems
21605100	Special Topics in Electromagnetic Compatibility
21605101	Nonlinear Fiber Optics
21605102	Fiber–Optic Sensors
21605103	Integrated Optics
21605104	Photonic Switching
21605105	Photonics
21605108	Special Topics in Optical Electronics
21605107	Special Topics in Optical Communication Systems
50255476	Fundamentals of Metamaterials
50255486	Wireless Power Transfer Engineering

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Computer, Automation and Networks

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21605044	Computer Vision
21604988	Special Topics In Information Communications
21604996	High Speed Communication Networks
21604990	Data Communicatons
21605109	Introduction to Software
21605110	Operating Systems
21605111	Introduction to Compilers
21605112	Introduction to Databases Systems
21605113	Computer Architecture
21605114	Advanced Computer Architecture
21605115	Parallel Processing
21605116	Pattern Recognition
21605117	Artificial Intelligence System Design
21605118	Information Retrieval
21605119	Multimedia Information Retrieval
21605120	Special Topics in Multimedia Information Retrieval
21605121	Multimedia User Interface
21605122	Special Topics in Multimedia Technology
21605123	Multimedia System Design
21605124	Computer Graphics
21605125	Graph Theory and Application
21605126	Geometrical Modelling
21605127	Special Topics in Computer Vision
21605128	Special Topics in Image Processing
21605129	Medical Image Processing
21605130	Special Topics in Medical Image Processing
21605131	Robot Sensor Design and Application
21605132	Robotics and Automation Systems
21605133	CAD/CAM
21605134	Electronic Instrumentation and Design
21605135	Linear Feedback Control Systems
21605136	Nonlinear Control Systems
21605137	Modern Control System Design and Application
21605138	Adaptive Control
21605139	Optimal Control
21605140	Stochastic Control
21605141	Intelligence Control

21605142	Digital Control Systems
21605143	Distributed Control Systems
21605144	Real-Time System Design and Analysis
21605145	Special Topics in Real-Time Systems
21605146	Queuing Theory and Application
21605147	Traffic Structures
21605148	Protocol Engineering
21605149	Internetworking
21605150	Wireless Data Communications
21605151	Wireless Networks
21605152	Network Application Techniques
21605153	Network Security
21605154	Special Topics in Networks
21605155	Special Topics in Network Analysis
21605156	Internet Networking Technology
21605157	Special Topics in Internet
21605158	Artificial Intelligence
21605159	Expert Systems
21605160	Image Processing
21605161	Teleconferencing Systems
21605162	Special Topics in Pattern Recognition
21605163	Distributed Computing Systems
21605164	Computer Network Design and Analysis
21605165	Network Programming
21605166	Computer Networks
21605188	System Software Programming
21605168	Internet Computing Systems
21605176	Special Topics on Optical Networks
21605170	Introduction to Information Security
21605171	Cryptography
21605172	Special Internet Security Technologies
21605173	Security in Wired and Wireless Internet
21605174	Mobile Computing Systems
21605175	Design and Implementation of Embedded Systems
21605167	Mobile Robot
21605169	Special Topics on Mobile Robot
21605177	Special Issues on Information Security
21605178	Standards on Information Security
21605179	Service and Policy on Information Security

21605041	Next Generation Mobile Communication Networks
21605180	Ubiquitous Networks
21605181	Next Generation Network Technology
21605182	Special Topics in Mobile/Wireless Networks
21605183	Special Topics in Multimodal Information Transformation Technology I
21605184	Special Topics in Multimodal Information Transformation Technology II
21605185	Special Topics in Multimodal Information Transformation Technology III
21605186	Internship
21605187	Life and Leisure Robot
50124697	Patent and Information Analysis
50235953	IT Convergence Applications
50235954	IT Convergence Systems
50255492	Computational Photography
50255494	Introduction to 3D Computer Vision
50255496	Computational Computer Vision
50255500	Special Topics in HCI
50255504	Vision-based HCI
50255510	Mobile Programming
50255515	Understanding and Practice of System and Network Hacking
50255520	Understanding Security ethics and Policy
50255526	Service Security
50255530	System Security
50255532	Mobile Security
50255534	Cloud Computing System Security
50255536	Security Architecture
50255538	Information Security Management System
50255540	Software Security Theory
50255542	Understanding and Implementations of Cryptography function
50255544	Privacy Security
50255546	Working-level Security Case Study
50274958	Special Topics in Embedded Software
50274959	Special Topics in Real-time Operating Systems
50274960	Special Topics in Real-time Software
50274961	Vehicular Network Technologies
50366484	Machine Learning and Artificial Intelligence
50366486	Deep Learning Network Design and Application
50366489	Malware Analysis
50366491	IoT Security
50373660	Introduction to Open Source

50374694	Open Source Design Basic
50374697	Infrastructure System Design
50374699	Technology and Marketing
50374702	Understanding and Practice of Network
50374704	Understanding and Practice of Cloud Computing
50374706	Understanding and Practice of Open Source
50374708	Understanding and Implementation of VNF Design
50374714	SDN/SFV Technology

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## DEPARTMENTAL REQUIREMENTS

### Specialized Fields :

- Communications and Signal Processing
- Devices and Integrated Circuits
- Microwaves and Lightwave
- Computer, Automation, and Networks

### Master Course

- 1st Semester : 3 courses in a specialized field
- 2nd Semester : 3 courses in a specialized field
- 3rd Semester : 2 courses in a specialized field, Qualifying Exam
- 4th Semester : At least 1 presentation in domestic or international conference, Dissertation



## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Bae, Myung-Jin	Professor	Ph.D. (Seoul National University)	Speech Communication Engineering; Mobile and Handheld Communication; Sound Engineering	mjbae@ssu.ac.kr
Kim, Boo-Gyoun	Professor	Ph.D. (Univ. of Southern California)	Electromagnetic (EM) wave application and Antenna	bgkim@e.ssu.ac.kr
Chung, Kyusik	Professor	Ph.D. (Univ. of Southern California)	Network Computing and Security	kchung@ssu.ac.kr
Chung, Sun-Tae	Professor	Ph.D. (Univ. of Michigan)	Embedded and Real-Time System	cst@ssu.ac.kr
Hahn, Hernsoo	Professor	Ph.D. (Univ. of Southern California)	Sensor Fusion ;Robot Vision	hahn@.ssu.ac.kr
Song, Inchae	Professor	Ph.D. (Univ. of California, Los Angeles)	Semiconductor Devices and Integrated Circuits	isong@ssu.ac.kr
Seo, Chulhun	Professor	Ph.D. (Seoul National University)	Wireless Communication and Energy Transfer	chulhun@.ssu.ac.kr
Kim, Young-Han	Professor	Ph.D. (KAIST)	Computer Network	younghak@ssu.ac.kr
Shin, Yoan	Professor	Ph.D. (Univ. of Texas at Austin)	Wireless Communications Systems and Communication Signal Processing	yashin@ssu.ac.kr
Lee, Chanho	Professor	Ph.D. (Univ. of California, Los Angeles)	Digital System Design	chlee@ssu.ac.kr
Lee, Won-Cheol	Professor	Ph.D. (Polytechnic Univ.)	Mobile Communication Systems; Digital Signal Processing	wlee@ssu.ac.kr
Im, Sungbin	Professor	Ph.D. (University of Texas at Austin)	Digital Communication Systems and Higher-Order Signal Processing	sbi@ssu.ac.kr
Lee, Jaejin	Professor	Ph.D. (Georgia Institute of Technology)	Telecommunication, Signal Processing for Storage Systems	zlee@ssu.ac.kr

# Department of Information and Telecommunication Engineering

Name	Position	Degree	Major	E-mail
Cha, Hyungtai	Professor	Ph.D. (Univ. of Pittsburgh)	Video; Audio Signal Processing	hcha@ssu.ac.kr
Kim, Dongsung	Professor	Ph.D. (Univ. of Southern California)	Medical Imaging and Computer Vision	dongsung@ssu.ac.kr
Kim, Jonghoon	Professor	Ph.D. (Northwestern Univ.)	Optic and Wireless Communication Systems	chkim@ssu.ac.kr
Jung, Souhwan	Professor	Ph.D. (Univ. of Washington)	Network Security	souhwanj@ssu.ac.kr
Hong, Min-Cheol	Professor	Ph.D. (Northwestern Univ.)	Video/ Image Processing and Visual Communication	mhong@ssu.ac.kr
Moon, Yong	Professor	Ph.D. (Seoul National University)	Integrated Circuits Design	moony@ssu.ac.kr
Yoo, Myungsik	Professor	Ph.D. (State Univ. of New York at Buffalo)	Computer Network	myoo@ssu.ac.kr
Lee, Seongsoo	Professor	Ph.D. (Seoul National University)	Automotive Semiconductor and Soc Design	sslee@ssu.ac.kr
Han, Youngjoon	Professor	Ph.D. (Soongsil Univ.)	Robot Vision	young@ssu.ac.kr
Chung, Yun-Won	Professor	Ph.D. (KAIST)	Wireless Networks; Mobile Networks	ywchung@ssu.ac.kr
Shin, Hyun-Chool	Professor	Ph.D. (POSTECH)	Neural Engineering and Neural Signal Processing	shinhc@ssu.ac.kr
Shin, Oh-Soon	Professor	Ph.D. (Seoul National University)	Wireless Communication Systems and Signal Processing for Communications	osshin@ssu.ac.kr
Park, Changkun	Professor	Ph.D. (KAIST)	RF Integrated Circuits and Systems	pck77@ssu.ac.kr
Lee, Jong-Ho	Associate Professor	Ph.D. (Seoul National University)	Wireless Communication	jongho.lee@ssu.ac.kr
Kim, Kanghee	Associate Professor	Ph.D. (Seoul National University)	Real-Time Embedded Systems	khkim@ssu.ac.kr
Lee, Hojin	Associate Professor	Ph.D. (University of Michigan)	Low Power Thin-film Transistors and Circuits for AMOLED and MEMS Displays	hojinl@ssu.ac.kr
Noh, Dong-Kun	Associate Professor	Ph.D. (Seoul National University)	Distributed Embedded Systems	dnoh@ssu.ac.kr

## Graduate School of Soongsil University

Name	Position	Degree	Major	E-mail
Park, Minho	Associate Professor	Ph.D. (Seoul National University)	Network and Security	mhp@ssu.ac.kr
Yoo, Geonwook	Assistant Professor	Ph.D (Univ. of Michigan, Ann Arbor)	Solid-state devices	gwyoo@ssu.ac.kr
Hong, Sun K.	Assistant Professor	Ph.D. (Virginia Tech)	Applied Electromagnetics, Signal Processing	shong215@ssu.ac.kr
Lee, Kwang-Hyung	Emeritus Professor	Ph.D. (Chungang Univ.)	Computing and Signal Processing	khlee81@ssu.ac.kr
Jo, Soonchul	Emeritus Professor	Ph.D. (Carnegie Mellon Univ.)	Information Storage and Magnetic Devices	jschul@ssu.ac.kr
Yang, Seung-In	Emeritus Professor	Ph.D. (KAIST)	Microwaves and Antennas	siyang@ssu.ac.kr
Shin, Jong-Dug	Emeritus Professor	Ph.D. (Texas A&M Univ.)	Fiber-Optic Communication Systems and Networks	jdshin@ssu.ac.kr

# Department of Interior Design

The Department of Interior Design aims at training experts who can predict and propose future life through creative concepts for interior design based on various educational experiences. By connecting in-depth scientific theories to practical designs and plans, the Department runs systematic researches on interior, plastics, and environments as well as education. For this, we carry out various researches including interior design and planning, interior plastics, space theory and history, interior environment, re-modeling, space environmental design, space media design, space brand plan and marketing in parallel.

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## AREAS OF SPECIALIZATION

### Space & Environment Design Lab:

The Lab covers researches concerning every space environment which comes up frequently in daily life and non-daily life and in public spaces. It investigates new thinking methods which integrate components in space through combining other fields like economy, culture, literature, arts, music, and dance and performs experimental projects which can embody a plan and design based on systematic exploration of theories.

Through the course, spatial environment elements are observed in urban life and nature, and thus presented in well-recognized space designs. The designs also adopt marketing investigating methods by analyzing customer-focused psychology in order to supply the energy to sustain healthy life in long-remembered spaces.

### Space Media Lab :

The Lab proposes the research on a space for a harmonic Life which brings human-beings, society and environments together by analyzing multilateral shapes in Life. Also, it advances practical research which plans and embodies a space in terms of integral points through multi-studies research and analysis such as central behavior space design space design adopting various medias, sentimental experimental spaces considering space marketing, and so on.

Interior design is a kind of junction between body and space, as well as between culture and space. Inner-and-outer space can be delineated by these two substances. In this context we try to study the meaning and method of interior design existentially and culturally. For this aim, our lab holds intensive theory seminars and field trips. Also, lab students are encouraged to participate in many design competitions.

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## PROGRAM OF STUDY

The Department of Interior Design offers effective design studies as follows:

**Lectures and Seminars:** We offer lectures and seminars in parallel in order to teach various design theories.

**Studio:**

Practice–focused courses are provided in studio classes. All students complete assigned design projects with one–on–one conversations and discussions between an instructor and the student. Studio courses are crucial as core subjects in the Department of Interior Design because they are the most effective way to combine design practices and related theories.

**Fieldwork:**

The Department of Interior Design offers chances for students to visit famous interior design shops in Seoul or elsewhere and lets students experience real designs. Through various fieldwork, students can learn theories with necessary on–the–spot senses. Moreover, we visit interior design places under construction to improve experimental knowledge.

**Professional presentations:**

Students are expected to present their academic works in conferences, after learning the necessary skills from the coursework of the Department. It is one of our traditional ways to train students for confirming their academic passions and confidence in themselves and to establish human networks between students and other colleagues in the field.

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## CONTACT INFORMATION

Department of Interior Design

TEL : 82-2-820-0700

FAX : 82-2-816-3354

E-mail : [architec@ssu.ac.kr](mailto:architec@ssu.ac.kr)

Website : [soar.ssu.ac.kr](http://soar.ssu.ac.kr)

# Department of Interior Design

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## COURSES

### Common Courses

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21605323	Advance Interior Architectural Design I
21605324	Modern Art & Interior Studies
21605325	Advanced Architectural Design I
21605326	Analysis in Design & Culture
21605337	Advanced Theories of Interior Architectural Planning
50084105	Interior Space Analysis
50084106	Contemporary Design Analysis
50084125	Statistics for Design
21605327	Spatial Behavior & Psychology Studies
21605328	Interior Architecture Field Trip
21605329	Special Project of Remodeling
21605330	Environment Friendly Planning Studies
21605331	Media Information & Space Design
21605332	Theory in Form & Space
21505333	Advanced Interior Architectural Design III
21505334	Advanced Architectural Design II
21605335	Seminar in Interior Design I
21605336	Seminar in Interior Design II
21605338	Advanced Interior Architectural Design II
21605339	Environmental Color Planning
21605340	Interior Architectural Space and Language
21605341	Remodeling Design Methodology
21605342	Interior Design on Media
21605343	Research in Space & Brand Strategy
50084107	Modern Apartment housing Study
50084109	Study on Urban Community Facilities Planning
50084110	Case and Field Studies of Housing in Other Culture
50084111	Case Studies of Interior Housing
50084112	Case Studies in Workplace Design
50084113	Design Management
50084114	Design Thinking Studies
50084115	Advanced Study in Environmental Design
50084116	spatial design & marketing 1
50084117	spatial design & marketing 2
50084118	exhibition design planning

50084119	urban landscape design
50084120	landscape lighting design
50084121	Study on Interior Spatial Theory
50084122	Study on Korean Cultural Theory on Space
50084123	Research Method in Interior Design
50084106	Contemporary Design Analysis
50235619	Advanced Principles in Interior Design Studio I
50235631	Advanced Principles in Interior Design Studio II
50235621	Special Housing Design Studio
50235622	Special Interior Space Project Studio
50235623	Space Design Computing
50235624	Neuro design & Space
50235625	Planning of Space Coordination
50235626	Advanced Digital Color Application
50398831	Advanced Space Psychology I
50248387	Society and Space Design I
50248389	Society and Space Design II
50422599	Design Coaching Methodology

## DEPARTMENTAL REQUIREMENTS

Year	1st Semester				2nd Semester			
	Classification	Course Titles	Hours	Credits	Classification	Course Titles	Hours	Credits
1	Core modules	Advance Interior Architectural Design I	3	3	Core modules	Advance Interior Architectural Design II	3	3
		Advanced Theories of Interior Architectural Planning	3	3		Interior Space Analysis	3	3
		Modern Art & Interior Studies	3	3		Contemporary Design Analysis	3	3
		Statics for	3	3		advanced	3	3

# Department of Interior Design

Year	1st Semester				2nd Semester			
	Classification	Course Titles	Hours	Credits	Classification	Course Titles	Hours	Credits
1	Option modules	Design			Option modules	Architectural Design I		
		Remodeling Design Methodology	3	3		Environmental Color Planning	3	3
		Interior Design on Media	3	3		Interior Architecture Field Trip	3	3
		Research in Space & Brand Strategy	3	3		Environment Friendly Planning Studies	3	3
		Design Management	3	3		Theory Form & Space	3	3
	Option modules	Exhibition Design Planning	3	3	Option modules	Study on Urban Community Facilities Planning	3	3
		Study on Korean Cultural Theory on Space	3	3		Urban Landscape Design	3	3
						Research Methods in Interior Design	3	3
						Seminar in Interior Design II	3	3
						Interior Architectural Space and Language	3	3
2	Core modules	Advanced Interior Architectural Design III	3	3	Core modules			
		Seminar in Interior design I	3	3		Modern Apartment housing Study	3	3
	Option modules	Spatial Behavior & Psychology Studies	3	3	Option modules	Case Studies of	3	3
		Special Project	3	3				



## Graduate School of Soongsil University

Year	1st Semester				2nd Semester			
	Classification	Course Titles	Hours	Credits	Classification	Course Titles	Hours	Credits
2	Option modules	of Remodeling			Option modules	Interior Housing		
		Media information & Space Design	3	3		Case Studies in Workplace Design	3	3
		Advanced Architectural Design II	3	3		Spatial Design & Marketing II	3	3
		Case and Field Studies of Housing in Other Culture	3	3		Study on Interior Spatial Theory	3	3
		Design Thinking Studies	3	3				
		Advanced Study in Environmental Design	3	3				

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Suh, Kuee Sook	Professor	Ph.D. (Kyoto Institute of Technology)	Interior Architectural Planning & Design Theory, Space & Environment Design	kss@ssu.ac.kr
Kim, Nam Hyo	Professor	Ph.D. (Yonsei Univ. M.S Pratt Institute)	Interior Architecture and Spatial psychology	pratt95@ssu.ac.kr
Lim, Kyung Ran	Professor	M.A. (Ewha Womans Univ.)	Interior Design Space Media Design Information architectural Design	joa@ssu.ac.kr
Suh, Jeong Yeon	Professor	MFA. (The School of the Art Institute of Chicago)	Interior Architectural Planning & Design	jysuh@ssu.ac.kr
Kim, Ju Yeon	Associate Professor	Ph.D. (Yonsei Univ.)	Interior Architecture and Human Sensibility Ergonomics	kjy@ssu.ac.kr

# Department of Computer Science and Engineering

The School of Computer Science and Engineering at Soongsil University was established in 1970 as the first computer science department for undergraduates in Korea. Since then, we have produced a large number of high-level human resources and conducted various basic and commercial researches.

With the successful operation of the School of Computer Science and Engineering, the graduate program which is the Department of Computer Science and Engineering for Master and Ph. D. students has opened. The graduate program provides an innovative curriculum in computer science and engineering that will help students to develop leadership that can lead the future society based on professional technology. In addition, the graduate program, where you can learn from the best faculty members and study with student peers, has built a world-class education system.

The main goal of the Department of Computer Science and Engineering is to develop the ability to solve problems based on the basic theories of computer science and engineering. To this end, the Department of Computer Science and Engineering requires students to participate in various industry-academic research projects and provides various opportunities to publish their research papers at domestic and international best conferences and journals.

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## AREAS OF SPECIALIZATION

The Department of Computer Science and Engineering, the graduate program offers a comprehensive approach to advanced technology in computer science and engineering. In addition, we have built a curriculum to equip you with expertise and become a key leader in the field of pure computers and a variety of computer-based applications.

The main goals of the graduate program are to 1) Provide students with the opportunity to study current computer science specialties and acquire knowledge. 2) Develop the student's ability to apply computer science problem-solving methods and tools to realistic research and industry-related problems; 3) Provide students with the tools and knowledge they need to contribute to the needs of a high-tech society through ongoing learning preparation.

For this purpose, the Department of Computer Science and Engineering has the following specialized research areas of study.

- Computer Architecture Track
- Computer Communications Track
- Artificial Intelligence Track
- Multimedia Track

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## PROGRAM OF STUDY

Teaching is by a variety of lectures and seminars on selected topics. Assessment is by written examination, assessed coursework, presentation, and a thesis.

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## CONTACT INFORMATION

Department of Computer Science and Engineering

TEL : 02 - 820 - 0920

FAX : 822 - 3622

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## COURSES

### Common Courses

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21604241	Computer Architectures
21604242	Programming Languages
21604244	Operating Systems
21604245	Numerical Analysis
21604246	Computer Algorithms
21604247	Artificial Intelligence
21604248	Computer Networks
21604250	Databases
21604254	Theory of Computation
21604255	Theory of Automata
21604307	Multimedia System
50389511	Advanced Intellectual Property for IT
50228736	Creativity Development
50413460	Intellectual Property Management

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## Computer Architecture

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21604266	Performance Evaluation of Computer Systems
21604267	Parallel Computer Architectures
21604268	Fault-Tolerant Design Methodology
21604269	VLSI CAD Simulation Methodology
21604293	Digital Systems Simulation
21604270	High Speed Computer Arithmetic
21604271	Systems Test
21604272	Topics in Computer Architectures I
21604273	Topics in Very Large Scale Integration
21604274	Microcomputer Design
21604279	Very Large Scale Integration
21604283	Digital Systems Design
21604285	Supercomputer Architectures
21604290	Digital Signal Processing
21604294	Topics in Computer Architectures II
21604308	Design For Testability
21604311	Network Architecture for Digital Broadcasting System

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## Computer Communication

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21604275	Data Communication
21604281	Cryptology
21604284	Protocol Engineering
21604287	Topics in Computer Network
21604288	Performance Evaluation of Communication Networks
21604289	Broadband Wireless Network
21604291	Topics in Internet Communications
21604292	High Speed Communications
21604295	Coding Theory
21604296	Network Security
21604297	Local Area Networks
21604298	Internet Communications
21604299	Programming for Computer Communications
21604300	Mobile Communications
21604301	ATM Network
21604302	Network Algorithms
21604303	Topics in Network Security

21604304	Topics in Mobile Communications
21604305	Topics in High-speed Communications
21604306	Information System Security Engineering
21604309	Hacking and Anti-Virus Systems
21604310	Firewall and Intrusion Detection System
21604355	Mobile Computing Protocols
21604365	Information Assurance Engineering
21604369	Topics in Public Key Interchange(PKI) Authentications
21604370	Network Intrusion Protection System
21604371	IPv6 Communications
21604372	Mobile IP Communications
21604373	IPv6 Security Communications
21604374	Network Mobility Communications
21604375	Internet Multicast
21604376	Internet Contents Security
21604377	Topics in Contents Security
21604378	Broadband Routing
21604379	Routing in Wireless Networks
21604382	Topics in Wireless Routing
21604381	Multimedia Application Protocols
50062351	Topics in Electronic Commerce
50249280	Issues on Ubiquitous Services

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## Systems Software

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21604251	Information Retrieval
21604252	Compiler Constructions
21604353	Database Design
21604256	Formal Languages
21604258	Topics in Programming Languages
21604259	Topics in Operating Systems
21604260	Topics in Database
21604261	Topics in Compiler Constructions
21604262	Topics in Parallel Processing
21604263	Operating Systems Design
21604264	Parallel Algorithms
21604265	Topics in Information Retrieval
21604278	Distributed Processing
21608280	Parallel Processing

# Department of Computer Science and Engineering

21604282	Fault-Tolerant Computing
21604343	Implementation Techniques of Database Systems
21604344	Realtime Systems
21604345	Distributes Operating Systems
21604346	Embedded Systems
21604347	Topics in Distributed Processing
21604348	Design of OS for Ubiquitous
21604349	Topics in Middleware
21604350	Topics in Programming
21604351	Topics in Mobile Data Management
21604352	Topics in Mobile Programming
21604353	Design and Implementation of Embedded Operating
21604354	Topics in Modern Operating Systems
50084025	Geometric Algorithms I
50228737	Geometric Algorithms II
50237148	Computer Security
50237149	Mobile Security
50237150	Special Topics in Embedded OS

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## Artificial Intelligence

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21604312	Image Processing
21604314	Computer Vision
21604315	Pattern Recognition
21604316	Logic Programming
21604317	Expert Systems
21604321	Natural Language Processing
21604322	Knowledge Base
21604328	Neural Networks
21604332	Machine Learning
21604334	Intelligence Tutoring Systems
21604339	Fuzzy Systems
21604419	Reasoning Systems
21604420	Planning Systems
21604421	Topics in Artificial Intelligence 1
21604423	Data Mining
21604424	Topics in Data Mining
21604425	Semantic Web

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21604426	Agent Systems
21604443	Computer Vision System
50398457	Deep Learning
50413458	Deep Learning Programming

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### Multimedia

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21604313	Computer Graphics
21604335	Multimedia Database
21604338	Data Compression
21604427	Multimedia Design
21604428	Multimedia Programming
21604429	Multimedia Planning Scenario
21604430	Networked Multimedia
21604431	Multimedia Communication
21604432	HCI(Human Computer Interaction)
21604433	Theory of Visual ART
21604434	Special Effects
21604435	Shape Modeling
21604436	Virtual Reality
21604437	Visualization
21604438	Curves and Surfaces
21604439	Motion Capture
21604440	Kinematics/Dynamics
21604441	Topics in Multimedia I
21604442	Augmented Reality
21604444	Character Animation

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## DEPARTMENTAL REQUIREMENTS

- Computer Architecture
- Computer Communication
- Operating Systems
- Artificial Intelligence

# Department of Computer Science and Engineering

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Byung-Gi Kim	Professor	Ph.D.(KAIST)	Computer Systems, Computer Architectures	bgkim@ssu.ac.kr
Young-Tack Park	Professor	Ph.D.(Univ. of Illinois at Urbana-Champaign)	Artificial Intelligence, Semantic Web, Ubiquitous Agent	park@ssu.ac.kr
Jae-young Choi	Professor	Ph.D.(Cornell Univ.)	Parallel and Distributed Processing	choi@ssu.ac.kr
Hoon Chang	Professor	Ph.D.(Univ. of Texas at Austin)	VLSI/SoC Design & Test Embedded Systems Computer Structure	hoon@ssu.ac.kr
Seok-Yoon Kim	Professor	Ph.D.(Univ. of Texas at Austin)	Automated Design, Timing Evaluation, Signal/Power Integrity	ksy@ssu.ac.kr
Yong-tae Shin	Professor	Ph.D.(Univ. of Iowa)	Computer Network, Contents Security	shin@ssu.ac.kr
Hyeon-Suk Na	Professor	Ph.D.(POSTECH)	Computational Geometry, Analysis of Algorithms, Information Theory	hsnaa@ssu.ac.kr
Dong-Joo Park	Professor	Ph.D.(Seoul National Univ.)	Database, Multimedia Database, Embedded Software	djpark@ssu.ac.kr
Jiman Hong	Professor	Ph.D.(Seoul National Univ.)	Operating Systems, Embedded System Software, Software Platforms, Sensor Networking	jiman@ssu.ac.kr
Kyu-Baek Hwang	Professor	Ph.D.(Seoul National Univ.)	Machine Learning, Bioinformatics	kbhwang@ssu.ac.kr



## Graduate School of Soongsil University

Name	Position	Degree	Major	E-mail
Jeong-jin Lee	Associate Professor	Ph.D.(Seoul National Univ.)	Computer Graphics, Medical Imaging Processing	leejeongjin@ssu.ac.kr
Bong Jun Choi	Associate Professor	Ph.D.(Univ. of Waterloo)	Internet of Things Information security	davidchoi@soongsil. ac.kr

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# Department of Digital Media

The main goal of the Department of Digital Media is to incubate creative manpower for digital media industry and the fields of culture and art. The activity of the department centers around converging art with technology and abstracting digital media content from its traditional representations, thereby helping to create leading-edge areas such as digital media. The success of this agenda is currently leading into an increasing focus on how digital information overlaps the everyday physical world. The department takes the lead in collaboration between academia and industry and between art and technology, and provides a unique environment to explore research and applications, regardless of traditional divisions among disciplines. The department is a creative ecosystem, where the viable and interdependent flow of people, projects, ideas and applications is dedicated to the exploration and the expansion of people's ability to use digital media to connect to one another and influence the world around them.

The faculty group of the department consists of 15 professors and 15 Ph.D. staff members for research and teaching. Also, more than 100 graduate students working on Master and Ph.D. degrees conduct intensive researches with faculty members.

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## AREAS OF SPECIALIZATION

- Media Engineering
- Contents Engineering
- Media Arts

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## PROGRAM OF STUDY

Acquisition of core knowledge is achieved mainly through lectures and seminars, practical classes and demonstrations. More specialised and detailed knowledge is gained through preparation for coursework assignments, working on projects and theses, and through reflection and discussion in seminars. Assessment is principally through mid-term and end-of-semester written examinations and coursework assignments (mainly media projects, seminar & tutorial presentations) which assess deeper understanding and extended argument, as well as more specific knowledge and approaches. All graduate students must pass all required courses and qualify examinations and write and defend a master's thesis for M.E degree and Ph.D thesis for Ph.D. degree. Each thesis is evaluated by more than three faculty members, at least one of whom is not an instructor in the program.

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## CONTACT INFORMATION

Department of Digital Media

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E-mail : [media@ssu.ac.kr](mailto:media@ssu.ac.kr)

Website : <http://media.ssu.ac.kr/>

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## COURSES

### Common Courses

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21605208	Introduction to Digital Media
21605209	Digital Media Design
21605210	Digital Media Marketing and Management
21605211	Human and Computer Interaction
21605215	Introduction to Digital Media Technology Policy
50074226	The Research Method of Cultural Industries
50258849	Digital Media Paradigm
50291503	User Experience Design
50348863	IT Fusion Technology

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### Media Engineering

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21605217	Digital Image Processing
21605219	Multimedia Data Mining
21605220	Distributed Multimedia
21605222	Internet Media
21605223	Pattern Recognition
21605224	Computer Vision
21605225	Computer Vision Seminar
21605226	Ubiquitous Computing
21605227	Advanced Computer Graphics
21605228	Topics in Computer Graphics
21605237	Concentrated Seminar for Multimedia
21605238	Artificial Intelligence
21605239	Concentrated Seminar for Artificial Intelligence

# Department of Digital Media

21605214	Algorithm
21605242	Advanced Pattern Recognition
21605244	Animation Algorithm Seminar
21605249	Real-time Rendering Seminar
21605243	Image-based Rendering Seminar
21605252	Volume Rendering
21605253	Image Based Rendering
50086802	Data Mining
50258845	Interaction Design
50258851	Digital Sensibility Science
50291503	User Experience Design
50300627	Media Robotics
50315788	Special Topics on Software Development Method
50325796	Image based 3D modeling
50300627	Media Robotics
50315788	Special Topics on Software Development Method
50325796	Image based 3D modeling
50338470	Advanced 3D modeling based on Image
50338471	machine learning
50373822	Digital Media Industry
50373820	VR Contents Design
50422641	Sport IT Industry
50422643	Artificial Intelligence Service Platform
50422645	Digital Audio

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## Contents Engineering

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21605255	Digital Contents Engineering
21605263	Game Theory
21605264	Network Game
21605265	Game Engineering
21605266	Seminar for Game
21605269	Human Body Animation
21605250	Computer Graphics Special Effects
50300625	Internet of Things
50300628	3D modeling

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## Media Art

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21605277	Media Art Seminar
21605278	Media Art Seminar
21605279	Digital Media Creation Theory
21605282	Interactive Story Telling Theory
21605281	Digital Media and Arts
21605280	Digital Media Advertisement
21605286	3D Spatial Design and Plastics
21605291	Contents Planning
21605292	Advanced Research on Media Art
21605295	Cognitive Science Seminar
21605296	Media Aesthetics and Theory Seminar
21605297	Media Aesthetics and Theory Seminar
50258847	New Media Study
50259356	New Media Art
50277055	Machine Learning
50300626	Film Analysis: Psychology and Social Reflective Media
50300801	Advanced New Media Art

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## DEPARTMENTAL REQUIREMENTS

Students can choose compulsory courses among common courses offered at the department. students can select optional courses from among 4 course lists established according to the requirements of a particular major discipline, a special subject of study.

The followings are core classes of 4 Major course categories.

- Common : Introduction to Digital Media, Digital Media Design, Digital Media Marketing and Management, Human and Computer Interaction,
- Media Engineering : Digital Image Processing, Multimedia System, Pattern Recognition Computer Vision, Ubiquitous Computing, Advanced Computer Graphics, Realtime Rendering Augmented Reality, Artificial Intelligence, Algorithm
- Contents Engineering : Digital Contents Engineering, Computer Music, Game Theory, Mobile Contents Production, 3D Animation Production, Computer Graphics Special Effects, Documentary Theory and Practice
- Media Art : Media Art Seminar, Interactive Story Telling Theory, Principles of 2-D, Design &

# Department of Digital Media

Plastics, 3D Spatial Design and Plastics, Media Aesthetics and Theory Seminar, Introduction to Film Art, Media Art Authoring Techniques

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Choi, Hyung-Il	Professor	Ph.D. (Univ. of Michigan)	Computer Vision	hic@ssu.ac.kr
Paik, Doowon	Professor	Ph.D. (Univ. of Minnesota)	Image Processing, Algorithm	apaik@ssu.ac.kr
Yoon, Joonsung	Professor	Ph.D. (New York Univ.)	Media Aesthetics, Media art	jsy@ssu.ac.kr
Kim, Kyujung	Professor	D.A. (New York Univ.)	Media art	kyu@ssu.ac.kr
Jung, Kee-Chul	Professor	Ph.D. (Kyungpook National Univ.)	HCI	kcjung@ssu.ac.kr
Oh, Kyoung-Su	Professor	Ph.D. (Seoul National Univ.)	Computer graphics	oks@ssu.ac.kr
Kim, Dongho	Professor	Ph.D. (George Washington Univ.)	Computer Graphics	cg@su.ac.kr
Ko, Il-Ju	Professor	Ph.D. (Soongsil Univ.)	Emotion Recognition	andy@ssu.ac.kr
Sung, Jung-Hwan	Professor	Ph.D. (Chungang Univ.)	Interaction Design, Media Art, Contents Planning	artbysung@ssu.ac.kr
Lim, Chan	Professor	M.F.A. (San Francisco Art Institute)	Film	chanlim@ssu.ac.kr
Lee, Kang-Hee	Associate Professor	Ph.D. (KAIST)	Media Robotics	kanghee.lee@ssu.ac.kr
Park, Jae-Wan	Associate Professor	DDes(Harvard)		jaewan.park@ssu.ac.kr
Park, Jin-Ho	Associate Professor	Ph.D. (KAIST)	Computer Graphics	c2alpha@ssu.ac.kr
Lim, Young-Hwan	Emeritus Professor	Ph.D. (Northwestern Univ.)	Multimedia	yhlim@ssu.ac.kr

# Department of Software

## Educational Goals of Department of Software

- Training creative software experts and researchers with self-directed problem-solving skills
- Training practical software experts and researchers with expertise and integrated thinking
- Training collaborative software experts and researchers with global competence and basic knowledge

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## AREAS OF SPECIALIZATION

- Artificial Intelligence
- Big-data
- Information Security
- System Software
- Software Engineering
- Communication Software

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## PROGRAM OF STUDY

Acquisition of core knowledge is achieved mainly through lectures and seminars, practical classes and demonstrations. More specialized and detailed knowledge is gained through preparation for coursework assignments, working on projects and theses, and through reflection and discussion in seminars. Assessment is principally through mid-term and end-of-semester written examinations and coursework assignments (mainly software projects, seminar presentations) which assess deeper understanding and extended argument, as well as more specific knowledge and approaches. All graduate students must pass all required courses and qualify examinations and write and defend a master's thesis for Master degree and a doctoral dissertation for Ph.D. degree.

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## CONTACT INFORMATION

TEL : 82-2-820-0949

FAX : 82-2-822-3622

E-mail : [sw@ssu.ac.kr](mailto:sw@ssu.ac.kr)

Website : <http://sw.ssu.ac.kr/>

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## COURSES

### Common Courses

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50398675 Software Engineering  
50398677 Topics in Software Security

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### Information Security

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50412246 Operating System  
50412248 Topics in Mobile Security  
50422594 System Security Project

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### Data Base

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50412250 Topics in Database



## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Lee, Sang ho	Professor	Ph.D.	Database	
Kim, Soo dong	Professor	Ph.D.	Software Engineering	
Lee, Soo won	Professor	Ph.D.	Intelligent System	
Kim, Myung ho	Professor	Ph.D.	System Software	
Lee, Nam yong	Professor	Ph.D.	Software Engineering	
Seo, Chang jim	Professor	Ph.D.	Information and Telecommunication Engineering	
Kim, gye yong	Professor	Ph.D.	Computer Network	
Lee, Sang jum	Professor	Ph.D.	Database	
Lee, Jung hyun	Professor	Ph.D.	Information Security	
Jo, Young pil	Professor	Ph.D.	Information Security	
Kim, Young jong	Professor	Ph.D.	cloud computing	
Park, Jin ho	Professor	Ph.D.	SW Safety/QA/BMT	

# Department of Intelligent Systems

As artificial intelligence(AI) technology moves from the idea level to the implementation stage, various intelligent systems are researched and developed. In response to this trend, the Department of Intelligent Systems provides the knowledge and experience of the sensor fusion such as multi-sensor fusion technologies, intelligent H / W and S / W platforms such as embedded real-time systems, and intelligent system applications such as AI theory and big data computing technology. Finally, the department aims to foster "AI convergence experts" that create new values in the 4th Industrial Revolution era.

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## AREAS OF SPECIALIZATION

- Intelligent Systems

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## PROGRAM OF STUDY

Acquisition of core knowledge is achieved mainly through lectures and seminars, practical classes and demonstrations. More specialized and detailed knowledge is gained through preparation for coursework assignments, working on projects and theses, and through reflection and discussion in seminars. Assessment is principally through mid-term and end-of-semester written examinations and coursework assignments (mainly media projects, seminar & tutorial presentations) which assess deeper understanding and extended argument, as well as more specific knowledge and approaches.

---

## CONTACT INFORMATION

TEL : 82-2-820-0950

FAX : n/a

E-mail : [smartsystem1@soongsil.ac.kr](mailto:smartsystem1@soongsil.ac.kr)

Website : <http://smartsystem1.ssu.ac.kr/department/lab>

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## COURSES

### Common Courses

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50407770	Probability, statistics and Random Process
50407772	Linear System Theory
50407774	Artificial Intelligent Mathematics and Computing Theory
50407852	Intelligent System Design Methodology
50407854	Theory of Advanced Operating Systems
50407856	Artificial Intelligence Theory
50399106	Machine Learning
50398675	Software Engineering
50398677	Topics in Software Security

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### Sensor Fusion and Signal Processing

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50407858	Seonsor Engineering
50407860	Signal and Systems
50407862	Introduction of Imaging Processing
50407864	Computer Vision
50407866	Special Topics in Computer Vision
50407868	Special Topics in Multimedia Technology
50407870	Network Security
50407872	Network Application Techniques
50399108	Special Topics on Wireless Sensor Networks

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### AI System S/W and H/W

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50407418	Real-Time System Design and Analysis
50407421	Special Topics in Real-time Operating System
50407423	Design and Implementation of Embedded Systems
50407425	Energy-aware Design
50407877	Special Topics in Embedded OS
50407879	Advanced Computer Architecture
50407881	Parallel Processing Theory
50407883	Distributed Computing Systems

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### AI System Application

# Department of Intelligent Systems

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50407884	Special Topics in Artificial Intelligence
50407886	Special Topics in Machine Learning
50407888	Artificial Neural Network
50407890	Knowledge Representation and Reasoning
50407892	Expert Systems
50407894	Cognitive Modeling
50407897	Intelligent Agents
50407899	Multi-Agent Systems
50407901	Reasoning Systems
50407907	Database Design
50407911	Robot and Autonomous Systems
50407912	Robotics and Automatic Systems
50407915	Robot Sensor Design and Application
50399110	Special Topics in Autonomous Driving Systems
50407917	Human Computer Interaction
50407920	Virtual Reality and Argument Reality
50407922	Introduction of Cyber-Physical System
50407909	Cloud Computing
50412603	Big Data Computing
50422592	Big Data Analysis

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## Industry-Academic Cooperation

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50407924	Project I in in Recent Intelligent Systems
50407926	Project II in Recent Intelligent Systems

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## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Chung, Kyusik	Professor	Ph.D.	Embedded and Network Computing	kchung@ssu.ac.kr
Jeong, Seontae	Professor	Ph.D.	Embedded Realistic Media Computing	cst@ssu.ac.kr
Han, Youngjoon	Professor	Ph.D.	Embedded Vision System	young@ssu.ac.kr
Kim, Kanghee	Associate Professor	Ph.D.	Real-time System	khkim@ssu.ac.kr
Noh, Dong Kun	Associate Professor	Ph.D.	Distributed Embedded System	dnoh@ssu.ac.kr
Shin, Donghwa	Assistant Professor	Ph.D.	Energy-aware Computing	donghwashin@soongsil.ac.kr
Lee, Eunji	Assistant Professor	Ph.D.	Data Analysis and System	ejlee@ssu.ac.kr
Yoon, Ikjoon	Assistant Professor	Ph.D.	Sensor Network	ijyoon@ssu.ac.kr

The image shows a modern building interior. A large, curved, white architectural element dominates the foreground, curving from the top right towards the center. In the background, a staircase with a dark metal railing is visible. To the left of the staircase, there is a small, bare tree. The walls are dark, and the floor is light-colored. The overall lighting is dramatic, with strong shadows and highlights. The text "Departmental Cooperation Program" is overlaid in a yellow, serif font, appearing twice in the upper right quadrant.

Departmental  
Cooperation Program  
Departmental  
Cooperation Program

# Program in IT Policy and Management

The purpose of the Department of IT policy and management is to greatly contribute to the development of the country and society by training the digital leadership that will lead the information age of today and the digital age of the future inheriting the great tradition of Soongsil University that respects truth and service. The educational objectives of the department of IT Policy and Management is to explore the interdisciplinary or multidisciplinary of Service, Science, Management, Administration and Engineering based on information technology, and is to train the excellent professional talents getting a Master and a Doctor's degree of IT policy and management. In a long-term, the graduates of the department of IT Policy and Management enable to grow and develop as CKO, CIO, CTO and CEO, etc.

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## AREAS OF SPECIALIZATION

Ph. D in IT Policy and Management, Ph. D in Engineering

MSc in IT Policy and Management, MSc in Engineering

This degree provides a foundation in modern techniques of IT Policy and Management, for graduates with degrees in IT Policy and Management: Common Subjects, Subjects of IT Management, Subjects of IT Policy, Subjects of IT Finance, Subjects of IT Business, Subjects of IT Service, Subjects of IT Laws, Subjects of IT Security, Subjects of IT Administration, Subjects of IT Defence. The central feature of the course is its blend of core IT Policy and Management concepts and principles with the modern research methods required for their application.

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## PROGRAM OF STUDY

Teaching is by a variety of lectures and seminars. Assessment is by written examination, assessed coursework, presentation, and a dissertation. The percentage of the final mark awarded for the continuously assessed component varies across modules. There are 8 taught modules or 12 taught modules with a master thesis or a doctoral dissertation written. A doctoral student must have some research publications before he or she propose a doctoral dissertation.

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## CONTACT INFORMATION

Department of IT Policy and Management

TEL : 82-2-828-7361

E-mail : [itpmjyp@itpm.ssu.ac.kr](mailto:itpmjyp@itpm.ssu.ac.kr)

Website : <http://itpm.ssu.ac.kr>

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## COURSES

### Common Subjects

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21605370	System Engineering
21605371	Software Engineering
21605373	Information Strategy Planning
50118105	Empirical Research Methodology
50365172	Empirical Research Methodology II
50118110	Unified Modeling Language
50228017	IT Management of Technology
50413275	IT Management of Technology II
50276198	Research & Survey Methods
50374692	Research & Survey Methods II
50291536	IT Policy Management Seminar
50348750	IT Policy Management Seminar II
50316001	Research Methodology Seminar
50325931	IT Policy Management Boot Camp
50365170	Seminar on academic thesis
50374688	Seminar on Innovation of IT Policy and Management

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### Subjects of IT Management

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21605393	Knowledge Management Systems
50227982	Decision Support Systems
21605387	Internet Business Model
21605400	IT Performance Management
50227983	Advanced Topics on Management Information Systems
50276199	e-Business Systems
50299127	Advanced Research Methodology
50325933	Dignity Management
50338503	Imagery Information System
50365174	Informatization Strategy Planning



- 50399412 Open source based entrepreneurship
  - 50399410 AI Technology and Management Innovation
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### Subjects of IT Policy

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- 50118112 Policy of Digital Media with Broadcasting
  - 21605378 Policy of Software
  - 21605388 Policy of Computer Networks
  - 21605375 IT Project Management
  - 21605386 IT Quality Certification
  - 50227985 Data Quality Management
  - 50227986 Technologies for Developing Mobile Web Applications
  - 50118125 Export Strategies of Software Packages
  - 50276200 Big-Data Management
  - 50277051 Methodology Based on Open Source SW
  - 50277052 Cloud Computing
  - 50291537 Digital Society Theory of Cases
  - 50299126 Advanced IT Policy Seminar
  - 50338505 Theory of ICT Policy
  - 50399420 Crisis Management of Policy and Management
  - 50413281 The Fourth Industrial Revolution&Smart Leader
  - 50365168 IT Convergence Technology
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### Subjects of IT Finance

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- 50227987 Government Financial Management Systems
  - 50227988 Strategics of Taxes
  - 50276599 International Finance Course
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### Subjects of IT Business

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- 50228018 Planning and Strategies for Research and Development
- 50228019 Technology Evaluation Strategies for IT
- 50228020 Technology Commerce Strategies for IT
- 50228021 Technology Business Strategies for IT
- 50348752 Theory of ICT foundation technique
- 50413285 Advanced Open Source Software
- 50389634 Internet and Future Innovation

# Department of IT Policy Management

50389636	Special Issues of 4 <sup>th</sup> Industrial Revolution Technologies
50413283	Special Issues of 4th Industrial Revolution Technologies II
50365166	Principle of IoT based Future innovation

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## Subjects of IT Service

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21605390	Service Management
50227994	Service Science
50227995	Service Engineering
50399414	Service Operations and Information Technology Applications
50227998	Export Strategies of IT Services in the Field
50369180	Information Technology Service Management Systems
50422626	Digital Content in the 4th Industrial Revolution
50277052	Cloud Computing

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## Subjects of IT Laws

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21605402	Laws of Procurement and Contract
50227999	Laws of Intellectual Property
21605406	Laws of Information Technology corporate
50118120	Laws of Electronic Banking
21605405	Laws of Security and Privacy
21605403	The Legal Environment of IT
50106047	Legal Information Systems
50118231	Ethical Issues in Information Society
50413277	Laws of Intellectual Property II
50228000	Laws of Privacy
50422628	Case Study on financial digital trade

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## Subjects of IT Security

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50228001	Policies of Encryption and Decryption
50118108	Policies in Network Security
50118114	Policies in Mobile Security
50228003	Policies of Security Certification
50118128	Issues in Anti-Cyber Terror
50325935	Information Security and Privacy management system
50338504	Theory of Crisis & Emergency Management
50399422	Information Security Policy
50374690	Study of Cybercrime
50422630	Cloud Computing

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Subjects of IT Administration

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50228005	Smart Work Government Systems
21605372	Evaluation Methodology of Electronic Government
50118123	PPBEES Techniques of Electronic Government
50228007	Government Administration Service with Smart Work
50399418	Leadership Case study
50325937	Administration Information Management
50422632	Leadership Theory and Practice

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Subjects of IT Defence

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50228009	Network Centric Warfare
50228011	Resource Management Systems for Defense
50228013	Military Cyber Warfare
50389632	IT Policy Management & Crisis Management Leadership
50228016	International Technology Transfer

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Subjects of IT Society

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50413279	Smart Technology and Research in Future Society
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MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Lee, NamYong	Professor	Ph.D. (Mississippi State Univ.)	System Engineering	nylee@ssu.ac.kr
Shin, YongTae	Professor	Ph.D. (Univ. of Iowa)	Computer Networks	shin@ssu.ac.kr
Han, Kyeong Seok	Professor	Ph.D. (PurdueUniv.)	Digital Transformation	kshan@ssu.ac.kr
Oh, Cheol H.	Professor	Ph.D. (Univ. of IllinoisatUrbana-Champaign)	Policy Sciences	coh@ssu.ac.kr
Kim, KwangYong	Professor	Ph.D. (Georgia State Univ.)	Digital Business	gygim@ssu.ac.kr
Jun, SamHyun	Professor	Dr. Jur. (FrankfurtUniv.)	Laws	shchun@ssu.ac.kr
Choi, JeongIl	Professor	Ph.D.(Univ. of Nebraska-Lincoln)	Electronic Business	jicho@ssu.ac.kr

# Program in Culture Contents

The primary goal of the Department of Culture Contents is to train the necessary human resources in the fields of culture and art and to incubate creative manpower to participate in the development of Digital media industry. The Department coordinates Art and culture by training students for the creative mind as well as the ability to develop digital content and software. In this regard, the Department emphasizes on the interdisciplinary training to integrate digital media, literature, art, and design. The department is guided by the two policies; the development and the practice of cultural theory and contents methodology and the creation of new digital media by learning basic media theory and methodology.

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## AREAS OF SPECIALIZATION

Culture Contents

Common areas

Culture and arts

Digital Media Sector

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## PROGRAM OF STUDY

Acquisition of core knowledge is achieved mainly through lectures and seminars, practical classes and demonstrations. More specialised and detailed knowledge is gained through preparation for coursework assignments, working on projects and theses, and through reflection and discussion in seminars. Assessment is principally through mid-term and end-of-semester written examinations and coursework assignments (mainly Culture Contents based media and art presentations) which assess deeper understanding and extended argument, as well as more specific knowledge and approaches. All graduate students must pass all required courses and qualify examinations and write and defend a master's thesis for Master degree and Ph.D thesis for Ph.D. degree. Each thesis is evaluated by more than three faculty members, at least one of whom is not an instructor in the program.

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## CONTACT INFORMATION

Department of Culture Contents

TEL : 82-2-820-0910

FAX : 82-2-822-3622

E-mail : [media@ssu.ac.kr](mailto:media@ssu.ac.kr)

Website : <http://media.ssu.ac.kr/>

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## COURSES

### Common areas

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50086685	Digital Media Technology
50086686	Introduction to Digital Media Language
50086687	Digital Media Marketing and Management
50086691	Media Art
50086692	Media Aesthetics
50086693	Cultural Contents and Mass media
50086694	Understanding & Approach Archtype of Contents
50086695	Cultural Contents and Media Technology
50086696	Project Practice I
50086697	Project Practice II
50300612	New Media Study
50300613	Studies of Content Industries
50348861	Contents Planning
50399387	Computer Animation
50413212	Immersive Contents Development Planning

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### Culture and arts

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50086698	Readings in World Classic
50074459	Analysis of Art and Cultuer Theory in East and West
50086699	Narrative in Tales of East and West
50086700	Hermeneutic of Korean Tales
50086701	Korean Literature in Contemporary Culture

# Program in Culture Contents

50086702	Biblical Literature and Popular Art
50086703	Current Conversion of Korean Classic
50086704	Digital Conversion of Korean Modern Works
50086705	Analysis of Cultural Contents in Traditional Korea
50086706	Stuies on Visual Art
50086707	Storytelling
50086708	Writing in Multimedia
50086709	Performance Theories
50086710	Performance Practices
50086711	Studies on Documentary Media
50348417	The Theory of Culture Storytelling Analysis

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## Digital Media Sector

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50086712	Digital Contents Developing
50086713	Digital Music and Sound
50086714	Digital Media Retrieval and Security
50086715	Digital Broadcasting
50086716	Digital Game
50086717	Mobile Media Contents
50086718	3D Animation
50086719	Media Production
50086720	Interactive Media
50086721	Introduction to Virtual Reality
50086722	3D modeling
50086723	Real-time Rendering
50086724	Spatial Design
50086725	Idea and Expression
50086726	Visualization of Information
50086727	Introduction to Computer Graphics
50086728	Digital Media Design
50086729	HCI(Human and Computer Interaction)
50086730	Interactive Story Telling
50086731	Digital Media Special Effects
50269180	Global Media Policy
50276597	Algorithmic Design
50315784	Art and Artificial Life
50325792	Digital media and cultural art
50325794	Gamification and Storytelling
50300627	Media Robotics
50364445	Cultural Contents Seminar

50364447 Service UX Design  
50373396 Theory of Cultural Contents Creation

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### Game Studies

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500388655 Game art Theory

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## DEPARTMENTAL REQUIREMENTS

Students can choose compulsory courses among common courses offered at the department. students can select optional courses from among 3 course lists established according to the requirements of a particular major discipline, a special subject of study.

The followings are 3 Major course categories.

1. Common areas
2. Culture and arts
3. Digital Media Sector

# Program in Culture Contents

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Choi, Hyung-Il	Professor	Ph.D. (University of Michigan)	Computer Vision	hic@ssu.ac.kr
Yoon, Joonsung	Professor	Ph.D. (New York Univ.)	Media Aesthetics, Media art	jsy@ssu.ac.kr
Kim, Dong-Ho	Professor	Ph.D. (George Washington Univ.)	Computer Graphics	cg@su.ac.kr
Sung, Jung-Hwan	Professor	Ph.D. (Chungang Univ.)	Interaction Design, Media art, Contents planning	artbysung@ssu.ac.kr
Kim, In-Seob	Professor	Litt.D. (Soongsil Univ.)	Peotry Literature	kiseob@ssu.ac.kr
Cho, Kyu-Ick	Professor	Ph.D. (Yonsei University)	Korean Classical Literature	kicho@ssu.ac.kr
Lee, Jae-Hong	Assistant Professor	Litt.D.( Soongsil Univ.)	Storytelling	munsarang@ssu.ac.kr
Lim, Young-Hwan	Emeritus Professor	Ph.D. (Northwestern University)	Multimedia	yhlim@ssu.ac.kr



# Program in Korean Studies

Soongsil University, Korea's first modern university, prides itself as an academic institution that strives to maintain Korea's cultural traditions. In order to maintain its leading role of upholding traditional Korean culture and scholarly pursuits, the Graduate School of Soongsil University has opened its own Korean Studies Program. This program offers courses in Korean history, philosophy, language, and culture with the hope of fostering a better understanding of Korea and its people both at home and abroad.

The Korean Studies Program is intended for Korean and international students alike. The multinational make-up of the student body naturally encourages and facilitates the scholarly and cultural exchange of ideas between a host of nations.

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## AREAS OF SPECIALIZATION

A comprehensive study about Korea and the knowledge one can attain from such a study. Humanities and Social science research fields are also integrated in studies on Korean Society and culture. In addition, to promote mutual understanding and to exchange aims, the international community is also considered.

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## PROGRAM OF STUDY

The program is guided by enthusiastic and competent faculty members drawn from diverse fields who work closely with students both as advisors and mentors. Graduates of the Korean Studies Program go on to pursue doctoral degrees, conduct research with faculty members or find fulfilling careers working as professionals with international exchange programs/institutions related to Korea.

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## CONTACT INFORMATION

Department of Korean Studies Program

TEL : 82-2-820-0320

FAX : 82-2-824-4382

E-mail : korlan@ssu.ac.kr

Website : korlan.ssu.ac.kr

# Program in Korean Studies

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## COURSES

### Common Courses

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50236347	Introduction to Studies of Korean Language
50236359	Studies in the History of Korean Literature
50236367	Studies in the History of Korean Philosophy
50236384	Studies in the History of Korean Historiography
50273027	Introduction to Korean Studies

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### Korean Linguistics and Literature

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50236348	Introduction to the Studies of Korean Literature
50236949	Studies in Contemporary Korean Language
50236350	Studies in Middle Korean Language
50236351	Studies in Modern Korean Language
50236352	Studies in Old Korean Language
50236354	Studies in Korean Language Teaching Method
50236355	Studies in Korean Grammar Teaching Method
50236357	Studies in Sino-Korean Literature
50236358	Studies in Eastern Asian Literature
50236360	Studies in Korean Oral Literature
50236361	Studies in Korean Poetry
50236362	Seminar in Korean-Chinese Comparative Literature
50236363	Seminar in Korean-Japanese Comparative Literature
50271265	Seminar in Korean Language and Culture
50271267	Comparative linguistics

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### Korean Philosophy

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50236368	Studies in Korean Buddhist Philosophy
50236369	Korean New Confucianism
50236370	Philosophy of Ancient Korean
50236371	Philosophy of Toegye and Yulgok
50236372	Seminar in Korean Practical Learning
50236373	Confucianism & Christianity in Korea
50236374	The Methodology of Eastern Philosophy
50236375	Seminar in Civil Movement of Contemporary Korea
50236376	Seminar in Korean Aesthetics
50236377	Comparative Studies in Eastern and Western Ethical Theories
50236378	Seminar in Contemporary Korean Thoughts

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Korean History and Society

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50236379	Studies in Korean Archaeology
50236380	Studies in Ancient History of Korea
50236381	Koryo Dynasty Studies
50236382	Chosun Dynasty Studies
50236383	Studies in Modern History of Korea
50236364	Studies in Contemporary History of Korea
50236365	Studies in the History of Korean Fine Arts
50236366	Studies in the History of National Independence Movement
50236385	Studies in the History of Korean's Struggles Against Foreign Country

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## Program in Korean Studies

### MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kwak, Shin-Hwan	Professor	Ph.D.(Seonggyung wan University)	Eastern philosophy, Korean philosophy	shkwak@ssu.ac.kr
Kwon, Young-Kuk	Professor	Ph.D.(Seoul national University)	korean medieval history	ykkwon@ssu.ac.kr
Cho, Kyu-Ik	Professor	Ph.D.(Yonsei University)	the classical poetry of Old Korea	kicho@ssu.ac.kr
Jang, Kyung-Nam	Professor	Ph.D.(Soongsil University)	the classical prose of Old Korea	knjang@ssu.ac.kr
Oh, Choong-Yeon	Professor	Ph.D.(Soongsil University)	Korean Grammar Teaching Method	astre@ssu.ac.kr
Kim, Seon-Wook	Professor	Ph.D.(SUNY University at Buffalo)	ethics, political philosophy	swk@ssu.ac.kr
Hwang, Min-Ho	Associate Professor	Ph.D.(Soongsil University)	Modern History of Korea, Contemporary History of Korea	w424322@ssu.ac.kr
Lim, Che-hoon	Associate Professor	Ph.D.(Kyung Hee University)	korean semantics, korean education	linguist@ssu.ac.kr
Lee, Kyung-Jae	Associate Professor	Ph.D.(Seoul national University)	Korean Modern Literature	ssamrt1@ssu.ac.kr
So, Shinae	Assistant Professor	Ph.D.(Sogang University)	Korean Language	hetaira@hanmail.net

# Program in Information Communication Convergence Technology

Nowadays is the era of information revolution and is the era in which people, computers and things are united in many fields, centering on IT industry.

The program in Information Communication Convergence Technology aims for educating talented professionals in these fields, where the convergence of information technology, chemistry, social welfare, mechanical engineering, media contents, and sports take place.

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## AREAS OF SPECIALIZATION

- Information Communication / Media Contents / Mechanical Engineering
  - Master of Engineering
  - Doctor of Philosophy in Engineering
- Chemistry
  - Master of Science
  - Doctor of Philosophy in Science
- Sports Information Technology
  - Master of Sports Information Technology
  - Doctor of Philosophy in Sports Information Technology

The graduate program in the Department of Information Communication, Materials, and Chemistry Convergence Technology provides degrees in Engineering, Science, and Sports Information Technology, from Master's degrees to Doctor of Philosophy. Prospected students can have any undergraduate major, but backgrounds in IT, Materials, Chemistry, Social Welfare, Mechanical Engineering, Media Contents, or Sports are expected. The students will be trained so that they can act as professionals in the emerging job market.

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## PROGRAM OF STUDY

Teaching in this field of convergence will be carried out by professors from various departments. Professors in the department of Electronic Engineering, Information Communication Engineering, Social Welfare, Chemistry, Mechanical Engineering, Media Contents, and Sports of all studies will cooperate to educate the graduate students. The students will also have chances to participate in the research projects supported by the government or industry, so that they can build up their professional careers.

---

## CONTACT INFORMATION

Department of ICMC Convergence Technology

TEL : 82-2-828-7185

FAX : 82-2-816-6775

E-mail : grad@ssu.ac.kr

Website : bksit.ssu.ac.kr

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## COURSES

### Information Technology

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- 50235649 Bio-signal Recording and Analysis
- 50235650 Image based Measurement Techniques
- 50235651 Sports Sensor Engineering
- 50235652 Sports Robot Technology
- 50258822 Design and Application of Sensor in Sports
- 50325620 Propagation Theory
- 50325622 Mobile Communication System
- 50338514 Wireless Power Transfer Engineering
- 50338515 Special Topics in Wireless Communications
- 50338516 Special Topics in Microwave Technology
- 50348552 Satellite Communication Systems
- 50388709 Special Topics in Electromagnetic Waves
- 50388711 Analysis and Design of Antennas
- 50388713 Special Topics in Antennas
- 50388715 Special Topics in Microwave Systems
- 50388721 Special Topics in Networks
- 50388717 Delivering and Sensing of Biological Signals
- 50388719 Luminescent materials for external stimuli detection
- 50388707 Microwave Circuits
- 50413454 Thin Film Process and Device
- 50413712 Special Topic of Network Analysis
- 50420904 Machine Learning
- 50420907 Deep Learning

50420910 Reinforcement Learning System

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## Chemistry

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50325618 Advanced Analytical Chemistry  
50338517 Syntheses of Organic and Inorganic Materials  
50338518 Nanostructures  
50338519 Electrochemistry  
50348554 Advanced Physical Chemistry 1  
50348556 Coordination Compounds and Their Sensing Properties  
50348558 Biophysical Chemistry  
50366276 Intracellular Ion Detection  
50366279 Chemical Doping Analysis  
50374676 DNA Recombinant Technology  
50374678 Electrochemistry-Based Wearable Sensor  
50399246 Advanced Inorganic Chemistry III  
50399248 Applications of Nanomaterials  
50413708 Special Topics in Inorganic Chemistry I  
50413710 Advanced Biochemistry I  
50423626 Advanced Inorganic Chemistry IV  
50423628 Molecular Spectroscopy I

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## Mechanical Engineering

---

50420914 Nanomaterials – Synthesis, Processing, and Applications  
50420916 Surface Engineering

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## Social Welfare

---

50420918 Scientific Method  
50420920 Public Administration  
50420922 Welfare and Technology  
50420924 Data Driven Decision Making in Social Welfare  
50420951 AI and Social Welfare

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## Sports Information Technology Convergence

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50235639	Introduction to Sports IT Convergence
50235640	Measurement and Evaluation in P. E
50235641	Sports Social–psychology
50235642	Sports Management
50235643	Sports Law
50235644	Exercise Test and Prescription
50235646	Sports Infrastructure Management
50235647	Sports Data Analysis
50235648	Sports Biomechanics
50235656	Human Dynamics
50258824	Sport–IT Seminar
50300776	Exercise Physiology
50315539	Theory and Practice of Dynamics
50338511	Sports Machine Learning
50325616	Cell Signalling
50338512	Sports Data Collection and Analysis
50338513	Sports Application Programming
50348419	Sports Motion Recognition
50366170	Understanding Sport IT Companies
50374684	Understanding Sport IT Companies 2
50413456	Big Data Modeling for Health Care with New Sports

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## Media Contents

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50235645	Sports Media
50235653	Digital Sports Broadcasting
50235654	Introduction to Computer Systems
50235655	Sports Data Management
50235657	Sports Information Security
50235658	Sports Statistics
50235659	Sports Data Mining
50235660	SNS Sports Service
50235661	Sports Content Technology
50235662	Sensual Sports Game Development
50315535	Sports and Smart Convergence
50325614	Virtual Reality and Sports Applications
50348421	Virtual Reality and Augmented reality Projects
50348423	Introduction to Augmented Reality



50348425	Smart application development
50374638	Computer Graphics for Sports-IT
50388705	Realistic ScreenSports Design
50388324	Understanding Business for Sports IT Convergence
50389601	Imagery Coverage Project
50406378	Understanding Business for Sports IT Convergence 2
50374641	Sportainment Indoor-space Design

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kim, Kyung Mee	Professor	Ph.D. (Univ. of Kansas)	Social Work with People with Disabilities	kyungm@ssu.ac.kr
Kim, Younghak	Professor	Ph.D. (KAIST)	Computer Network	younghak@ssu.ac.kr
Park, Changkun	Professor	Ph.D. (KAIST)	RF Integrated Circuits and Systems	pck77@ssu.ac.kr
Seo, Chulhun	Professor	Ph.D. (Seoul National University)	Wireless Communication and Energy Transfer	chulhun@ssu.ac.kr
Shin, Oh-Soon	Professor	Ph.D. (Seoul National University)	Wireless Communications	osshin@ssu.ac.kr
Shin, Hyun-Chool	Professor	Ph.D. (POSTECH)	Neural Engineering and Neural Signal Processing	shinhc@ssu.ac.kr
Yoo, Myungsik	Professor	Ph.D. (State Univ. of New York)	Computer Network	myoo@ssu.ac.kr
Lee, Jaejin	Professor	Ph.D. (Georgia Institute of Technology)	Telecommunication, Signal and Information Processing for Data Storage	zlee@ssu.ac.kr
Joo, Sang-Woo	Professor	Ph.D. (Univ. of Chicago)	Materials, Sensors	sjoo@ssu.ac.kr
Park, Minho	Associate Professor	Ph.D. (Seoul National University)	Network and Security	mhp@ssu.ac.kr
Shin, Ik-Soo	Associate Professor	Ph.D. (Seoul National University)	Analytical Chemistry, Electrochemistry	extant@ssu.ac.kr
Lee, Sungkyu	Associate Professor	Ph.D. (Univ. of Pennsylvania)	Social Work in Mental Health	slee90@ssu.ac.kr

# Program in Information Communication Convergence Technology

Name	Position	Degree	Major	E-mail
Lee, Jongho	Associate Professor	Ph.D. (Seoul National University)	Wireless Communications	jongho.lee@ssu.ac.kr
Lee, Hojin	Associate Professor	Ph.D. (Univ. of Michigan)	Low Power Thin-film Transistors and Circuits for AMOLED and MEMS Displays	hojinl@ssu.ac.kr
Park, Sung-Hoon	Assistant Professor	Ph.D. (Univ. of California San Diego)	Nano-composite Multi-functinmal surface material	leopark@ssu.ac.kr
Yoo, Geonwook	Assistant Professor	Ph.D. (Univ. of Michigan)	Solid-state devices	gwyoo@ssu.ac.kr
Hong, Sun K.	Assistant Professor	Ph.D. (Virginia Tech)	Applied Electromagnetics, Signal Processing	shong215@ssu.ac.kr

# Program in Software Convergence

The Department of Convergence provides a comprehensive approach to interdisciplinary study focusing on software convergence. The educational goal of this program is to develop creative and convergent individuals to be capable of holding a variety of scientific and technical positions in the area of software security. The research goal of this program is to develop the software convergence technologies for security provision based on ICT (Information and Communications Technology). The main objectives for achieving this research goal are as follows:

- 1. Research on software convergence technology for IoT (Internet of Things)–based security
- 2. Research on convergence software technology for CPS (Cyber Physical Systems)–based security
- 3. Research on big–data analysis technology for proactive defense against cyber threats

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## AREAS OF SPECIALIZATION

Software Convergence (Master of Engineering, Doctor of Philosophy in Engineering)

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## PROGRAM OF STUDY

Teaching in this field of convergence software security is carried out by faculty from various departments. Professors in the departments of Computer Science, Electronic Engineering, Mechanical Engineering, and Business Administration collaborate to educate the graduate students. The students will have opportunities to participate in the research projects supported by the government or industry, so that they can build up their professional careers. Especially, all students of this program will be supported by BK21PLUS (Brain Korea 21 Program for Leading Universities & Students) of Ministry of Education until 2020.

# Program in Software Convergence

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## CONTACT INFORMATION

Department of Software Convergence

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Website : [bk.ssu.ac.kr](http://bk.ssu.ac.kr)

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## COURSES

### Fundamental of Department

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50321734	Introduction to Information Security
50321736	Problem Solving
50321738	Technical Management
50321740	Introduction to Big-data Convergence
50321742	Introduction to Embedded System
50321744	Topics in Programming
50321746	Start-up and IP
50299065	Strategy for Convergence Patent
50374077	Software Project Management
50392334	Advanced Project Management
50399393	Information Security Management System
50399396	Public SW Project Management
50413287	Convergence Project1
50413291	Co-op Project1
50374083	Sports and Information Technology Convergence

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### Fundamental of Security

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50321748	System Security
50321750	Network Security
50315010	Cryptography
50322102	Embedded System Design
50322104	Convergence Security
50413289	Special Issues on Next Information Security
50291442	Safety and Security Project

50299063 Safety and Security Project II

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### IoT-based Software Security

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50322106 Topics in Mobile Security  
50322108 Malware Analysis  
50322110 Advanced Mobile Systems  
50291440 Advanced Computer Architecture  
50299062 Advanced Operating Systems  
50322112 Advanced Network Security  
50322114 IoT Convergence Project

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### CPS-based Software Security

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50322116 Topics in Cyber-Physical Systems  
50315024 Real-time Operating Systems  
50322118 Topics in Image Processing  
50322120 Topics in Computer Vision  
50322122 Pattern Recognition  
50299122 Topics in Contents Security  
50315054 Image Security  
50322125 Artificial Intelligence  
50322127 System Modeling  
50291441 Control of Electromagnetic Actuator  
50315015 Mechatronics  
50322129 CPS Convergence Project  
50374075 Topics in Pattern Recognition

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### Big-data Software Security

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50322131 Advanced Algorithms  
50291443 Massive Database Management  
50322133 Cloud System  
50322135 Information Retrieval and Text Mining  
50322137 Machine Learning  
50299064 Financial Big-data Analysis  
50322139 Social Big-data Analysis  
50322141 Big-data Convergence Project  
50388684 Big- data Analysis

# Program in Software Convergence

50374091 Big-data Processing

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kim, Gyeyoung	Professor	Ph.D. (Soongsil Univ.)	Robot vision, pattern recognition, augmented reality	gykim11@ssu.ac.kr
Lee, SooWon	Professor	Ph.D. (Univ. of Southern California)	Artificial Intelligence Mechanical Learning, Data Mining262	swlee@ssu.ac.kr
Shin, Yongtae	Professor	Ph.D. (Univ. of Iowa)	Computer Network, Contents Security	shin@ssu.ac.kr
Kim, Myungho	Professor	Ph.D.(POSTECH)	System Software, Information Security	kmh@ssu.ac.kr
Jung, Souhwan	Professor	Ph.D. (Univ. of Washington )	Network Security	souhwanj@ssu.ac.kr
Han, Youngjoon	Professor	Ph.D. (Soongsil Univ.)	Robot Vision	young@ssu.ac.kr
Lee, Sangjun	Professor	Ph.D.(Seoul National Univ.)	Database, Cloud System	sangjun@ssu.ac.kr
Ahn, Hyeong-Joon	Associate Professor	Ph.D.(Seoul National Univ.)	Mechatronics	ahj123@ssu.ac.kr
Shin, Hyunchool	Associate Professor	Ph.D. (POSTECH)	Neural Engineering and Neural Signal Processing	shinhc@ssu.ac.kr
Yi, Jeong Hyun	Associate Professor	Ph.D.(Univ. of California, Irvine)	Mobile Security System Security	jhyi@ssu.ac.kr
Kim, Kanghee	Associate Professor	Ph.D. (Seoul National Univ.)	Real-Time Embedded Systems	khkim@ssu.ac.kr
Noh, Dong-Kun	Associate Professor	Ph.D. (Seoul National Univ.)	Distributed Embedded Systems	dnoh@ssu.ac.kr
Kim, Soo-hyun	Assistant Professor	Ph.D. (Georgia Institute of Technology)	Financial Engineering & Statistics	soo_hyun.kim@ssu.ac.kr
Shin, Donghwa	Assistant Professor	Ph.D. (Seoul National Univ.)	Cognitive Computing	donghwashin@soongsil.ac.kr
Cho, Yeongpil	Assistant Professor	Ph.D. (Seoul National Univ.)	System Security	ypcho@ssu.ac.kr

# Program in Financial Technology Convergence

The department of Financial Technology Convergence was established in response to the rise of the '4th Industrial Revolution' and a growing demand for competencies and skills relevant to the related industries. We focus especially on interdisciplinary research and education between computer technology and finance, including artificial intelligence, big data, cloud computing and blockchain. Our program will equip students with the requisite ability, knowledge, and experience for a successful career in these evolving industries.

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## AREAS OF SPECIALIZATION

Our program provides a comprehensive and advanced study in computer science and finance. We also help students to acquire essential knowledge and skills required for the career paths they are considering. Our program offers two tracks of study: financial IT and financial information. The former track focuses on computer science and technology with a good understanding of financial industry and markets, while the latter focuses on financial theory and applications based on an in-depth understanding of new technology. Students can choose either one of two concentrations, and can have the opportunity to become leaders in each sector.

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## PROGRAM OF STUDY

Our program offers basic courses at the Master's level and higher level courses dealing with research topics in computer science and finance. The program also offers interdisciplinary courses between computer science and finance to help students grow into leaders in the era of the 4th Industrial Revolution. All students must pass required courses and qualifying examinations, and complete a dissertation to gain a degree. A Ph.D student is required to publish one or two research papers, depending on their track, in KCI journals to become eligible for Ph.D.

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## CONTACT INFORMATION

Department of Financial Technology Convergence

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# Program in Financial Technology Convergence

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## COURSES

### Financial Information

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50398720	Finance Seminar
50422495	Quantitative Analysis in Finance
50422497	Advanced Quantitative Analysis in Finance
50422499	Seminar in Corporate Finance
50422501	Seminar in Investments
50422503	Portfolio Management
50422505	Derivatives
50422508	Studies in Financial Modeling
50422513	Studies in Financial Planning
50422515	Blockchain in Finance
50422525	Machine Learning in Finance
50422529	Studies in Financial Big Data
50422527	Workshop on Financial Information
50422531	Financial Information Seminar 1
50422533	Financial Information Seminar 2

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### Financial IT

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50398722	Financial Information Protection
50422537	Operating Systems
50422535	Computer Architectures
50422541	Computer Networks
50422543	Databases
50422539	Artificial Intelligence
50422551	Topics in Computer Architectures 1
50422553	Data Communication
50422399	Topics in internet Communications
50422580	Internet Contents Security
50422545	Database Design
50422547	Topics in Operating Systems
50422549	Topics in Database
50422397	Distributed Processing
50422578	Mobile Computing Protocol
50422576	Topics in Distributed Processing



## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Byung-Gi Kim	Professor	Ph.D.(KAIST)	Computer Systems, Computer Architectures	bgkim@ssu.ac.kr
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Seok-Yoon Kim	Professor	Ph.D.(Univ. of Texas at Austin)	Automated Design, Timing Evaluation, Signal/Power Integrity	ksy@ssu.ac.kr
Hoon Chang	Professor	Ph.D.(Univ. of Texas at Austin)	VLSI/SoC Design & Test Embedded Systems Computer Structure	hoon@ssu.ac.kr
Kyu-Baek Hwang	Professor	Ph.D.(Seoul National Univ.)	Machine Learning, Bioinformatics	kbhwang@ssu.ac.kr
Jeong-jin Lee	Associate Professor	Ph.D.(Seoul National Univ.)	Computer Graphics, Medical Imaging Processing	leejeongjin@ssu.ac.kr
Jiman Hong	Professor	Ph.D.(Seoul National Univ.)	Operating Systems, Embedded System Software, Software Platforms, Sensor Networking	jiman@ssu.ac.kr
Dong-Joo Park	Professor	Ph.D.(Seoul National Univ.)	Database, Multimedia Database, Embedded Software	djpark@ssu.ac.kr
Jang, Beom-Sik	Professor	Ph.D. (Univ. of Texas at Austin)	Business Finance Investments	bsjang@ssu.ac.kr
Rhee, Joon-hee	Professor	Ph.D. (Warwick Univ)	Financial Theory	joonrh@ssu.ac.kr
Kim, Soo-Hyun	Assistant Professor	Ph.D. (Georgia Institute of Technology)	Financial Engineering / Financial Statistics	soo_hyun.kim@ssu.ac.kr

## Program in Financial Technology Convergence

Name	Position	Degree	Major	E-mail
Choi, Sujung	Assistant Professor	Ph.D. (University of California at Irvine)	Finance	sjchoi@ssu.ac.kr
Kang, Byung Jin	Professor	Ph.D(KAIST)	Derivatives	bjkang@ssu.ac.kr
Kim, Bum	Professor	Ph.D(University of Alabama)	Finance	bumkim@ssu.ac.kr
Yang, Kisung	Assistant Professor	Ph.D(Korea University)	Financial Engineering	ksyang@ssu.ac.kr
Lee, Jaehyun	Assistant Professor	Ph.D(Sogang University)	Asset Management	jaylee@ssu.ac.kr
Jang, Huisu	Assistant Professor	Ph. D(Seoul National University)	Machine learning	yey523@ssu.ac.kr
Chung, Jae Man	Associate Professor	Ph.D(Seoul National University)	Investments	jaymchung@ssu.ac.kr

# Program in IT Logistics & Distribution

The department of IT Logistics and Distribution was established to educate and produce creative and novel outstanding individuals by converging logistics and distribution areas including omni channel and O2O with IT areas including mobile, IoT, cloud computing, and visualization. Since logistics and distribution based on IT are expected to play a pivotal role in creative economy by producing novel added value, the necessity of development of human resources having the fused knowledge of logistics and distribution with IT has been urgently increased.

The department set a goal for producing creative and fused professionals, who have the theoretical and practical knowledge about logistics, distribution, and IT resulting in the improvement of global competitive advantages of logistics and distribution industry.

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## AREAS OF SPECIALIZATION

Our program offers students intensive education about their specialized majors by a curriculum operation of professors of logistics, distribution, and IT, and team teaching for the fused convergence between heterogeneous areas. In addition, our program offers a general education about the broad areas in IT logistics and distribution resulting in the development of fused human resources for IT logistics and distribution.

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## PROGRAM OF STUDY

Our program was built to add the higher value into logistics, distribution, and IT industries by converging the heterogeneous industries. In addition, our program was built to exploit new market in convergence technology areas as a national strategic industry in the future. Our program produces outstanding individuals, who have a global mind and adapt new distribution sites, most representatively 'omni channel.' In addition, our program produces outstanding individuals, who personally think, expect, and react about future changes.

All graduate students must pass all required courses and qualify examinations, and write a master's thesis for Master degree and a Ph.D thesis for Ph.D. degree. Each thesis is evaluated by more than three faculty members. And a doctoral student must have more than one research publications before he or she proposes a doctoral dissertation.

# Program in IT Logistics & Distribution

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## CONTACT INFORMATION

Department of IT Logistics and Distribution

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## COURSES

### Basic Courses

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50321753	Omni Channel Business Management
50321755	Logistics and Distribution Service Innovation
50321757	Distribution Management
50321769	Logistics Management
50316462	Operation Research
50321765	Management Information Systems
50315985	IoT System
50321771	Distributed Systems
50321773	Programming Languages
50321775	IoT Database
50321777	IoT Security
50316459	IT Convergent Circuit Design
50321781	IoT Devices
50321783	Communication Systems for Logistics and Distribution
50338579	Introduction to Logistics & Distribution
50338580	UI/UX Design
50365046	Global E-Commerce Practice and Understanding
50374558	Introduction to IT Engineering
50374332	4th industry revolution & venture start up
50374336	Introduction to Artificial Intelligence & Machine Learning
50389436	The basis of IoT
50389440	Supply Chain Management and Retail Management
50389442	Retail Merchandising technology
50401914	IoT system design
50374338	Understanding and Application of Virtual Reality System

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### Intensive Courses

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50321785	IT Distribution Innovation Management Seminar
50321787	IT Logistics Technology and Innovation
50321789	Logistics and Distribution Convergence
50321791	Mobile Logistics and Distribution
50321793	Logistics Network Design
50321794	Fintech
50321797	IT Convergent System Design
50321800	IoT Device CAD
50321852	IoT Network
50321854	Cloud Systems
50321856	Location Based Systems
50321858	Augmented reality
50324277	Big Data Processing
50324279	Big Data Analysis
50338581	Consumer Psychology
50338582	Consumer Information Processing
50338583	Distribution System Analysis and Design
50338584	Process Mining
50365044	Univariate Analysis
50374564	Global e-Commerce & O2O
50389438	Blockchain Business
50401916	IT & O2O Distribution

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### Convergence Courses

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50316464	Omni Channel Strategy
50321864	Omni Channel Start-up Items Excavation
50321866	IoT Commercialization Strategy
50321860	Big Data Management & Applications
50321862	Big Data Visualization
50316455	Data Mining
50399658	Methodology for Business Innovation
50399660	SCM Logistics Information Communication System
50399664	Art Retail Engineering & Logistics Technologies
50413535	e-Commerce Start-up Cases & Strategies
50413537	Artificial Intelligence & Logistics Robot

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# Program in IT Logistics & Distribution

## Industrial Cooperation Courses

50321779	Omni Channel Service Development
50321870	Omni Channel Startup Development
50321868	Omni Channel Business Model
50321872	Omni Channel Internship
50338585	Industrial Collaboration Project I
50338586	Industrial Collaboration Project II
50399662	IT Convergence Network

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Hyun, Byung-En	Professor	Ph.D.(Kobe Univ.)	Logistics & Distribution IT Logistics	behyun@ssu.ac.kr
Park, Taehyung	Professor	Ph.D.(Virginia Tech)	Distribution Services	tpark@ssu.ac.kr
Ahn, Seung-Ho	Professor	Ph.D.(Univ. of Oklahoma)	Distribution Futurology	shahn@ssu.ac.kr
Cheon, Hongsik	Professor	Ph.D.(Univ. of Florida)	Marketing	hcheon@ssu.ac.kr
Choi, Ja-Young	Professor	Ph.D.(Ohio State University)	Marketing, Consumer Behavior	choi181@ssu.ac.kr
Yoo, Jaewon	Associate Professor	Ph.D.(Oklahoma State Univ.)	Distribution Services, Sales Marketing	yjw1774@ssu.ac.kr
Choi, Jaeyoung	Professor	Ph.D.(Cornell Univ.)	Distributed Computing Cloud Computing	choi@ssu.ac.kr
Lee, Jeongjin	Associate Professor	Ph.D.(Seoul National Univ.)	Computer Graphics, Big Data Visualization	profjjlee@naver.com
Lee, Won Cheol	Professor	Ph.D.(New York Polytech)	Sensor Networks, IT Convergence	wlee@ssu.ac.kr
Kim-Dongsu	Professor	Ph.D.(Seoul National Univ.)	e-Business	dskim@ssu.ac.kr
Hwang, Wonil	Associate Professor	Ph.D.(Purdue Univ.)	Human-Computer Interaction	wonil@ssu.ac.kr

## Graduate School of Soongsil University

Name	Position	Degree	Major	E-mail
Shin, Oh-Soon	Associate Professor	Ph.D.(Seoul National Univ.)	Wireless Communication Systems and Signal Processing for Communications	osshin@ssu.ac.kr
Kim, Kil-Sub	Professor	Ph.D.(Korea Maritime and Ocean University)	Trade, International Logistics	k5kim@ssu.ac.kr
Choi, Hyung-Kwang	Professor	Ph.D.(Kyunghee Univ.)	Business Model, ICT.	hk.choi@ssu.ac.kr
Moon, Yong	Professor	Ph.D.(Seoul National Univ.)	IC Design	moony@ssu.ac.kr
Son, Jaedong	Associate Professor	Ph.D.(Univ. of Tsukuba)	Policy and Planning Sciences	son88@ssu.ac.kr
Park, Younwoo	Adjunct Professor	Ph.D.(Chung-Ang Univ.)	Distribution Distribution Service	yutong21@hanmail.net
Shin, Sunyoung	Adjunct Professor	Ph.D.(Univ. of Chinese Academy of Social Sciences)	Business Management(e-Commerce)	cecilia@kita.net
Park, Myeonggyu	Adjunct Professor	Ph.D.(Univ. of ENA Logistics)	Management	lastspyceo@ptu.ac.kr

# Program in Disaster and Safety Management

A vision of Department of Disaster and Safety Administration(DDSA, BCMS) is nurturing leaders in the field of Business Continuity Management who are needed by the society and are able to deal with upcoming challenges of the 21st century with vision. To achieve such vision, we, Department of Business Continuity Administration, have some goals of leading the study in the field of Business Continuity Management and contributing to social resilience.

To achieve the goals mentioned above, DBCA is based on two core strategies, one of which is "specialized competence strengthening education"and the other is developing client-centered practical science for field application. So we arrange details, research manpower, infrastructure etc. By doing so, we seek to educate competent people who will design and spread BCMS and will improve the societal security by enhancing organizational resilience.

For the masters degree course, curriculum is set to focus on theoretical education and practice to be in sync with. For the doctorate course, we concentrate on case studies. The final purpose of this education is to produce key persons with global competitiveness.

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## AREAS OF SPECIALIZATION

- Business Continuity Management
- Digital Security Management
- Safety Education Management
- Emergent Planning and Incident Management

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## PROGRAM OF STUDY

- Master of Business Administration
- Doctor of Philosophy Business Administration

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## CONTACT INFORMATION

Department of Business Continuity Management

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Website : <http://www.ssu.ac.kr/web/bcm>

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## COURSES

### Common Courses

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50365233	Thesis Writing
50318252	Disaster Prevention Management
50325980	Business Continuity Plan
50389786	Research Methodology of Social Science
50400318	Laws of Disaster Prevention
50318251	Understanding of disaster mitigation activity

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### Business Continuity Courses

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50325982	Business Continuity Management System Project I
50325988	BCM Audit
50325984	Supply Chain Management
50325994	Business Continuity Management System Project II
50348758	Disaster & Safety Management Policy
50353001	Project Management
50325992	Seminar for Business Continuity Management I
50375377	Resilience
50325998	Seminar of Business Continuity Management II
50365231	Crisis Management Communication
50325986	Risk Management in International Trade
50375100	Analysis of Business Continuity Process
50339535	Business Continuity & Standard
50416776	Business Continuity Management System Project III
50375098	Urban Natural Disaster
50365229	Urban Climate and Natural Disasters
50422640	Reinforcement of Disaster Response and Citizen's Network

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### Digital Security Management

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50318253	Business Impact Analysis, Risk Assessment
50375094	Business Impact Analysis, Risk Assessment
50389444	Disaster Safety Management Policies and Strategies in 4IR Era

# Program in Disaster and Safety Management

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50326000	Research of Enterprise Risk Management
50325996	FDI Risk Management
50325900	Brand Risk Management
50399391	Digital security policy for disaster management
50413592	Data Science for Disaster Management
50422638	Disaster for Management Information systems

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## Safety Education Management

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50339536	Disaster & Psychology
50375096	Research of Disaster Management Technology
50413590	Failure of Disaster management 2
50348754	Crisis Management
50348756	Audit Process, Practice
50399389	Failure of Disaster Management
50413594	Consultation Seminar for Disaster Mangement
50422634	Elementary Statistics & Research Act for Disaster and Safety Management
50422636	Education design for Disaster and Safety Management

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## Emergent Planning and Incident Management

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50418253	National Emergency Prepared Theory
50418255	Theory of Security Policy
50418257	Theory of National Mobilization
50418259	Emergency Prepared Management Practice I
50418261	Introduction to Civil Defense
50418263	Emergency Preparedness Law
50418264	Emergency Prepared Management Practice II
50418266	Emergency Prepared Humanity

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## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kim, Moon-Kyum	Professor	Ph.D.(Univ. of Illinois at Urbana)	Investment, Finance, Venture Capital	mgkim@ssu.ac.kr
Choi, Ja-Young	Associate Professor	Ph.D.(Ohio State Univ.)	Marketing, Consumer Behavior	choi181@ssu.ac.kr
Lee, Byung-Mun	Associate Professor	Ph.D., (University of Warwick, UK)	Laws and Practice of International Commerce	bmlee@ssu.ac.kr
KU, Ki-Bo	Associate Professor	Ph.D., (University of Renmin, Ch)	Chinese Economy	jujifu@ssu.ac.kr
Choi, Moon-Soo	Professor	Ph.D.(Univ. of Kansas)	Accounting, Corporate Finance, Financial Derivatives	mschoi@ssu.ac.kr
Han, Yong-Hee	Assistant Professor	Ph.D.(Georgia Institute of Technology)	OM, SCM	amade@ssu.ac.kr
Ahn, Tae-Ho	Professor	Ph.D(Univ. of Florida)	OMIS/Project Management	ahnt@ssu.ac.kr
Cheung, Chong-Soo	Associate Professor	Ph.D(Univ. of Choseon)	BCM	isobcm@ssu.ac.kr

# Program in Unification and Christian Leadership

Unification and Christian leadership program, based on Christian truth and spirit of stewardship is a graduate program of the Soongsil University in collaborative work with the graduate school departments of Christian Studies, Business Administrative Studies, and College of Law. The unification of North and South Korea and its fundamental values and the ideology of unification will be taught by the Christian Theology and Biblical Studies department of the Graduate School of Christian Studies. The College of Law and the Graduate School of Administrative Studies will offer the institutional framework courses that will build upon the values and the ideology of unification. The goal of the program is to cultivate creative, Christian spirited leaders who can lead the era of unification, prepare for unification in the Korean peninsula, and evangelize and achieve social integration during the unification era. With Christian values establish a unified nation; ultimately contributing and developing a community for all mankind.

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## AREAS OF SPECIALIZATION

- \* Master of Arts in Unification and Christian Leadership
- \* Doctor of Philosophy in Unification and Christian Leadership

In order to cultivate Christian leaders that can create an era of unification and successfully lead an unified nation, courses for the program were created with the following objectives.

- 1) To commit to the mission of unifying the two nations with the Gospel
- 2) To study and understand the identity of the North and South Koreans in order to help them achieve social integration to the unified nation
- 3) To study politics, economics, administration, law and military system in order to have mutual agreement in the unified nation.
- 4) To compare the education, social, cultural, and social welfare policies of North and South Korea in order to overcome the heterogeneity in the unified nation
- 5) To study and analyze the language, art, culture, lifestyle, social views and family relationships in order to effectively spread the Gospel to the North Koreans
- 6) To develop and implement a educational program that will foster a spirit of democracy, peace and freedom to the North Koreans that have been indoctrinated with Juche ideology
- 7) To form welfare policies that can help solve food shortage, security issues and medical problems that may surface upon unification
- 8) To acquire professionalism in the areas of communication, international relations, and urban administration in order to assist the unified nation to be the center of trade in Asia

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## PROGRAM OF STUDY

The courses in this area of study sets its goal on seeking faith, character and professionalism through instructor led lectures, specific research and practicum. There will be also opportunities to participate in North Korea mission domestically and visit mission fields abroad to experience and acquire knowledge for the unification in the Korean peninsula.

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## CONTACT INFORMATION

Department of Unification and Christian Leadership

TEL : 82-2-828-7076~8

FAX : 82-2-820-0839

E-mail : gloria@ssu.ac.kr

Website : [Http:// ccul.ssu.ac.kr](http://ccul.ssu.ac.kr)

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## COURSES

### Common Courses

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50321818	Biblical Studies on Unification Theology 1
50321820	Studies on Political History of North Korea
50321822	Economic Study of Unified Nation
50321824	Methodology of Law
50321976	Mission Theology for Unification 1
50321978	Studies on the Pending Issues of North Korea
50321980	Institutional Foundation for Unification
50321982	History of Christianity in Korea
50321984	Studies on North Korean Refugees
50321986	Humanities Studies for Unification
50321988	Public Theology for Unification
50921990	Methodology for Christian Unification
50321992	Korean Church Mission Work for Unification
50321994	Studies on Strategical Plans for Christian Unification
50321996	Research Methodologies for Unification
50321998	Christian Education for Unification
50322000	North Korea Religion and Ideology
50322002	Strategies for Development of Urban and Special Administrative Region
50322004	Studies on Unification Theology 1

# Program in Unification and Christian Leadership

- 50322006 Mission Strategies for Unification 1
- 50322008 Educational Institutions for Unified Nation
- 50322010 Educational Theory for Unified Nation
- 50322012 Mission and Social Welfare for Unification
- 50322014 Christian 'Peace' Education
- 50322016 Workshop for Christian Leaders for Unification
- 50322018 Leadership
- 50322020 Criticism on Unification Studies
- 50322022 Understanding of North Korea Society and Culture
- 50322024 Understanding of Northeast Asian Culture
- 50322026 Studies on Comparison of North–South Korea Policies
- 50322028 Studies on Comparison of North–South Korea Political System
- 50322029 Christian Spirit of Independence movement and Unification
- 50322032 Political Theory for Unified Nation
- 50322034 Studies on International Relations
- 50322036 Studies on Foreign Policy for Unification
- 50322038 German Unification: Constitution and Law
- 50322040 Studies on Family and Inheritance Law
- 50322042 Studies on Property Law
- 50322043 Studies on Constitutional Law
- 50322045 North–South Korea Relations and International Law
- 50322048 North Korea Criminal Law
- 50322050 North–South Korea Economic Relations and Legal Issues
- 50322052 North Korea Law and Legal System
- 50322054 North Korea Agriculture and Food Shortage Issues
- 50322056 Studies on Business and Industrial Structure
- 50322058 Strategies for Advancement of Unified Nation
- 50322060 Development of Unified Government and Nation
- 50324166 Unification and Political Thought
- 50324168 Studies on the Pending Issues of Unification
- 50348736 Unity Paradigm: Unity Approach to Christian Global and Local Missions
- 50348739 Christian Leadership and Administration in Unification of Korea
- 50348742 The Theory and Practice of Unification Ministry
- 50348744 Unification and the Kingdom of God
- 50348746 Studies on the Kim Jong Un's leadership 1
- 50348528 Studies on the Kim Jong Un's leadership 2
- 50348530 Biblical Studies on Unification Theology 2
- 50348532 Mission Theology for Unification 2
- 50348534 Mission Strategies for Unification 2

## Graduate School of Soongsil University

50348536	Studies on Unification Theology 2
50374547	Conflicted Region Research 1
50374549	Conflicted Region Research 2
50374576	Conflicted Region Research 3
50374545	Unification Leadership
50388906	Unification Economic Development
50388908	North Korea City Population Research 1
50388910	Studies on Cities and Region of Unified Nation
50388912	North Korea City Population Research 2
50388914	Unification NGO Management
50388916	Analysis on North Korean Cities
50388918	South–North Korean Economic Cooperation and International Management
50374578	Pastoral ministry and unification 1
50374580	Pastoral ministry and unification 2
50374582	Pastoral ministry and unification 3
50413301	Seminar on Totalitarianism
50413303	Methodology of North Korea Studies
50413305	The Study of Divided Countries' Integration Cases.
50413307	Studies on the Functions of North Korea's Mass Media
50399379	Peace Regime on the Korean Peninsula
50422923	Understanding of North Korea
50422925	The Strategy of Korean Peninsula
50423202	Understanding North Korean Migrants
50423204	Educational Integration of South and North Korea and Tasks and Roles of Christianity

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Sung Bae Kim	Professor	Ph.D.	Urban Policy	graal@ssu.ac.kr
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## Program in Unification and Christian Leadership

Name	Position	Degree	Major	E-mail
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Eun Hee Cho	Assistant Professor	Ph.D.	sociology	maria1st@ssu.ac.kr



# Program in Smart Wearables Engineering

Smart Wearable Engineering plays a key role in digital technology of convergent ICT smart textiles have been thrived recently. Our department has a vision to raise smart professional scientists and engineers for contributing to human prosperity in such areas with intelligence and creativity about advanced practical applications through education and innovative research.

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## AREAS OF SPECIALIZATION

MS ( Master of Engineering)

Ph.D. (Doctor of Philosophy in Engineering)

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## PROGRAM OF STUDY

Program is available in a variety of lectures and seminars. Assessment is done by written examination, evaluated course works, presentation, and dissertation.

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## CONTACT INFORMATION

Department of Smart Wearables Engineering

TEL : 82-2-820-0620

FAX : 82-2-817-8346

E-mail : [materials@ssu.ac.kr](mailto:materials@ssu.ac.kr)

Website : <http://materials.ssu.ac.kr/>

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## COURSES

### Common Courses

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- 50341677 Introduction to ICT
- 50341678 Functional clothing in ICT
- 50341679 Textile physics
- 50341680 Seminar on smart textiles
- 50341681 Reliability testing in smart textiles
- 50341682 smart materials
- 50341683 Research methodology
- 50341684 Design lab in wearables
- 50341685 Clothing design

## Program in Smart Wearables Engineering

50341686 Human body and clothing environment  
50341687 Electronic materials  
50341688 Textile testing  
50341689 Fashion materials  
50341690 Fashion electronics 1  
50341691 Fashion electronics 2  
50341692 Design thinking in fashion products  
50389595 Recent Trends in Smart Textiles and Wearable Device  
50389597 Smart Wearble Design Basic 1  
50399786 Smart Wearble Design Basic 2  
50413263 Industrial–Academic Projects and Field Practices  
50341693 high–tech materials  
50419981 E–textile Making Practices  
50422699 Computational Materials Mechanics

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Hyung-Min Choi	Professor	Ph.D.	Modification and Analyses of Organic Materials, Natural Fibrous Materials,	hchoi@ssu.ac.kr
Joo-Yong Kim	Professor	Ph.D.	Nanoelectronics materials	jkim@ssu.ac.kr
Young-Jin Jeong	Professor	Ph.D.	Polymer Nano Composites	yjeong@ssu.ac.kr
Young -Je Kwark	Professor	Ph.D.	Polymer Synthesis, Nanohybrid Materials	ykwark@ssu.ac.kr
Jae Woo Chung	Assistant Professor	Ph.D.	Supramolecular Chemistry, Organic Materials Structure-Property Relationship	jwchung@ssu.ac.kr
Wonil Hwang	Associate Professor	Ph.D.	Human-Computer Interaction	wonil@ssu.ac.kr
Taezoon Park	Associate Professor	Ph.D	Cognitive Ergonomics Safety Engineering	tzpark@ssu.ac.kr
Seong-Jun Jeong	Associate Professor	Ph.D.	DSA (Directed Self Assembly) Nanolithography	jeong.seongjun@ssu.ac.kr
Bong Hoon Kim	Associate Professor	Ph.D.	Nanopatterning by molecular self-assembly	bonghoonkim@gmail.com
Jiwoong Kim	Associate Professor	Ph.D.	Computational materials design	jwk@ssu.ac.kr

# Program in Security and Public Weal Management

Program in Security and Public Weal Management is a graduate school established to educate highly qualified professionals who will manage commercial and non-profit organizations in the field of security of inter-Korean industrial exchanges and public welfare in the unified Korea era.

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## AREAS OF SPECIALIZATION

- \* Master of Business Administration
- \* Doctor of Philosophy in Business Administration

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## PROGRAM OF STUDY

- 1) This course examines the impact of environmental factors such as politics, economy, society, culture, technology, administration, and law on security and public interest in managing a profit and nonprofit organization that pursues security and the public interest.
- 2) To educate leaders of organizations that carry out case studies and research activities on the maintenance and promotion of security and public interest for efficient and effective management of the organization.

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## CONTACT INFORMATION

Program in Security and Public Weal Management

TEL : 82-2-828-7349

E-mail : 116012@ssu.ac.kr

Website : [http://www.ssu.ac.kr/web/s\\_w](http://www.ssu.ac.kr/web/s_w)

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## COURSES

### Common Courses

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50350652	Cause related marketing and CSV seminar
50350655	Security and public weal management seminar
50350657	Non-profit organization management seminar
50350659	Public welfare management seminar
50350661	Security and public weal leadership seminar
50365270	Research methodology in Security and Public weal
50365272	Human Resource Management and Policy Examples in Security and Public weal
50366061	Security and public weal management seminar II

## Graduate School of Soongsil University

50375352	Corporate and Socially Responsible Management in Security and Public weal
50375354	Public agency marketing
50375356	Management Economy Seminar in Security and Public weal
50375359	North Korean Economy
50388725	Understanding of stakeholders
50388902	Korea's Development of Economy and Creating Shared Value
50388904	Industries and Enterprises of North Korea
50377989	Special Lecture on business statistics in Security and Public weal
50399398	Korea's Experience of Overcoming past Economic Crises
50399400	National Security
50399402	Social entrepreneurship
50399404	Service Marketing
50399406	human resource development seminar
50399408	The Inter-Korean economic cooperation & Unification Economy
50413617	Relations between South and North Korea in preparation for unification
50413619	Strategy for the business survival facing volatile changes of external environment
50413621	Business practice for inter-Korean economic cooperation
50422625	Strategic Management in Security and Public Welafare
50422677	Industries and Enterprises of North Korea

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Gim, Gwang-Yong	Professor	Ph.D.	MIS	gygim@ssu.ac.kr
Kwak, Won-Jun	Assistant	Ph.D.	Human Resource	kwak@ssu.ac.kr
	Professor		Management / Organization	
Kim, Soo-Hyun	Assistant	Ph.D.	Financial Engineering /	soo_hyun.kim@ssu.ac.kr
	Professor		Financial Statistics	
Jeon, Kyu-An	Professor	Ph.D.	Tax Accounting	kajeon@ssu.ac.kr
Park, Kyung-Ho	Assistant	Ph.D.	Financial Accounting	atoz9@ssu.ac.kr
	Professor			
Han, Yong-Hee	Assistant	Ph.D.	OM, SCM	amade@ssu.ac.kr
	Professor			
Yoo, Jae-Won	Assistant	Ph.D.	Service Marketing, Retailing,	yjwt1774@ssu.ac.kr
	Professor		Marketing Strategy	

# Program in Project Management

The program in Project Management at Graduate School of Soongsil University inherits the glorious principle of Soongsil University "Truth and Service" by recognizing the need for a new education system to train excellent and world-class manpower and aims to provide innovative educational curriculum together with business field practicum in order to nurture talented and professional individuals who can lead management innovation required in many different industries nowadays.

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## AREAS OF SPECIALIZATION

- \* Master of Business Administration
- \* Doctor of Business Administration
  - Project Management
  - Golf Industry Management
  - Counseling Psychology
  - Coaching Psychology

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## PROGRAM OF STUDY

Teaching is by a variety of lectures, seminars, and term projects. Assessment is by written examination, assessed coursework, presentation, term projects, and a dissertation.

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## CONTACT INFORMATION

Department of Project Management  
TEL : 82-2-828-7071  
FAX : 82-2-824-4384

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## COURSES

### Project Management

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50074857	Advanced Project Management
50060167	Comprehension in Business Administration
21605412	Supply Chain Management
50074860	Process control
50060173	Research Methodology
50074863	Advanced Research Methodology
21605411	Statistics
21605413	Project Management Case Study I
50059146	Project Management Case Study II

50087201	Project Management Seminar
50227228	Project Feasibility Study
50227230	Project Total Quality Management
50227231	Project Scheduling
50227232	Project Cost Management
50227233	Project Risk Management
50227234	Project Procurement
50227235	Case Study of Global Marketing
50227236	Global Human Resource Management
50227237	Management Information System
50227238	Data Analysis
50227239	Managerial Finance
50227240	Business Analysis
50227241	Decision Making Science
50227242	Process Innovation
50389615	Data Science
50407932	Big Data & Business Modeling
50413407	Digital Transformation
50321913	Contents Management
50422693	Advanced Group Psychotherapy

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### Counselling Psychology

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50412619	Consulting Psychology
50412621	Psychology Marketing
50412623	Human Relationships
50412625	Psychology of Consciousness
50412627	Social Psychology
50412533	Theories of Motivation
50412536	Psychological Testing and Measurement
50412538	Counseling and Psychotherapy
50412540	Psychology of Personality
50412542	Psychology of Learning
50412544	Psychology of Perception
50412546	Industrial Psychology
50412548	Organizational Psychology
50412550	Environmental Psychology
50412652	Development of Logic
50412654	Psychology of Consumer Behavior
50415098	Group Dynamics

50422691 Seminar on Theories of Family Therapy

## Coaching Psychology

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50412605	Introduction to Coaching
50412607	Core Competencies in Coaching I
50412608	Leadership Assessment and Coaching
50412611	Coaching: Structure and Process
50412612	Advanced Coaching
50412614	Career & Diversity Coaching
50412615	Coaching Practice

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## MEMBERS OF FACULTY

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Name	Position	Degree	Major	E-mail
Yoo, Han-Ju	Professor	Ph.D. (Korea University)	Quality Management	hyoo@ssu.ac.kr
Ahn, Tae-Ho	Professor	Ph.D. (Univ. of Florida)	Project Management	ahnt@ssu.ac.kr
Gim, Gwang-Yong	Professor	Ph.D. (Georgia State Univ.)	MIS	gygim@ssu.ac.kr
Park, Jong-Woo	Associate Professor	Doctor of Science (George Washington Univ.)	Operations Management	jongpark7@ssu.ac.kr
Shin, Ho-Chul	Associate Professor	Ph.D. (University of Tulsa)	Organization / Human Resource Management	hshin@ssu.ac.kr
Kwak, Won-Jun	Assistant Professor	Ph.D. (Purdue Univ at West Lafayette)	Human Resource Management / Organization	kwak@ssu.ac.kr
Cho, Moonsoo	Professor	Ph.D. (Univ. of Iowa)	Concurrent Engineering	jmsu@ssu.ac.kr
Park, Tae Hyung	Professor	Ph.D. (Virginia Tech.)	Network Systems	tpark@ssu.ac.kr
Kim, Moon-Kyum	Professor	Ph.D. (Univ. of Illinois at Urbana)	Investment, Finance, Venture Capital	mgkim@ssu.ac.kr

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# Program in Safety and Health Convergence Engineering

This program covers wide spectrum of safety subjects including process safety, industry safety, environment safety, construction safety, electric safety, disaster safety, and more. The curriculum consist of various courses of both practical and academic subjects to meet the needs of industry as well as government. The graduates are supposed to be employed to high level safety area in industry and governmental agency.

## AREAS OF SPECIALIZATION

- Safety and Health Convergence
  - Process / System Safety
  - Industrial Safety
  - Construction Safety
  - Disaster Safety
  - Electrical Safety
  - Human Error

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## PROGRAM OF STUDY

This postgraduate program covers wide range of safety such as process/system safety, industrial safety, construction safety, disaster safety, electrical safety, and more. To meet the need of both practical and profound study at wide spectrum of safety area, teaching is accomplished by a variety of lectures, seminars, and term projects. Assessment is done by written examination, assessed coursework, presentation, term projects, and a dissertation. The final grade is awarded by evaluating various modules. To become Master candidates or Ph.D candidates, he/her should pass the qualifying examination.

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## CONTACT INFORMATION

Department of Safety and Health Convergence Engineering

TEL : 82-2-828-7342

E-mail : [safety@ssu.ac.kr](mailto:safety@ssu.ac.kr)

Website : <http://www.ssu.ac.kr/web/bcm>

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# Program in Safety and Health Convergence Engineering

## COURSES

### Common Courses

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50375572	Special Seminar for Safety and Health Regulation
50399424	Safety and Health Technology Convergence Seminar
50375572	Special Seminar for Safety and Health Regulation
50399426	advanced industry safety & human factor engineering 2
50413409	Issue analysis on safety & Health 2
50413411	Research Design & Statistics
50413413	Risk Assessment & Related Work
50375574	Human factors in occupational safety and health
50375578	General Respond to Regulation of harmful substance & management Techniques
50375576	Safety and Health Technologies and Values
50375580	Risk Assessment & Related System
50422902	Issue analysis on safety & Health 1

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### Safety–Healthy Infrastructure & Industrial safety

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50389538	Sustainability Management Safety and Health Strategy and Technology
50389540	Industry Safety & Health Management
50389544	Advanced Biomechanics
50389546	Laws and Regulations on Safety and Health I
50392639	Transformational Leadership & Safety Culture
50392641	Disaster Safety Management
50392643	Advanced Reliability Engineering
50399432	Safety&Health Management System
50399436	Introduction Electrical Safety
50413419	Accident Handling and Industrial Accident Work
50422875	Occupational Musculoskeletal Disorders

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### Process System & Construction Safety

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50389578	Process Safety Management
50389542	Construction Safety Management
50399428	Advanced Risk Management Planning
50399430	Process Safety Work Practice
50399434	Advanced Urban&Building Safety Construction
50413415	Quantitative Risk Assessment Modeling
50413417	Construction Respond to Regulation of Safety, Health and Environment
50422872	Description of the technical guide on Construction safety

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Kim, Byung-Jick	Professor	Ph.D. (Auburn Univ.)	Process Systems Engineering	bjkim@ssu.ac.kr
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Choi, Woo-Jin	Professor	Ph.D.(Texas A&M Univ.)	Power Electronics	cwj777@ssu.ac.kr
Kwark, Young-Je	Professor	Ph.D. (University of Massachusetts Amherst)	Polymer Synthesis, Nanohybrid Materials	ykwark@ssu.ac.kr
Kim, Bo Hyun	Associate Professor	Ph.D.(SNU)	Manufacturing Process & Micro machining	bhkim@ssu.ac.kr
Park, Taezoon	Associate Professor	Ph.D (Purdue Univ)	Cognitive Ergonomics Safety Engineering	tzpark@ssu.ac.kr
Choi, Kyoung Kyu	Associate Professor	Ph.D. (Seoul National Univ.)	Structural Engineering; Earthquake Engineering; RC Structures	kkchoi@ssu.ac.kr

# Program in Defense Industrial Policy & Commerce

Defense Industrial Policy and Commerce Program offers in-depth knowledge relating the defense industry's policy, management, commerce and information, industrial engineering system to foster experts in the defense industry.

## AREAS OF SPECIALIZATION

- Master of Defense Industrial Policy and Commerce
- Doctor of Philosophy in Defense Industrial Policy and Commerce

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## PROGRAM OF STUDY

This course offers the courses relating defense industry, such as government policy, management, commerce, information technology and industrial engineering system, providing in-depth analysis thereof.

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## CONTACT INFORMATION

Department of Defense Industrial Policy and Commerce

TEL : 82-2-828-7128

FAX : 82-2-824-4384

E-mail : [itrade@ssu.ac.kr](mailto:itrade@ssu.ac.kr)

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## COURSES

Defense Industrial Policy and Commerce

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50398669	International Transactional Law
50398671	Research Method of Social Sciences
50398673	Leadership & Crisis Management
50413574	Industrial Counselling Technique
50413576	Statistical Analysis for Survey Research
50422647	Defense Logistics System
50422649	Law and Practice for International Trade
50422650	Defence Industry Organization Management

---

## MEMBERS OF FACULTY

Name	Position	Degree	Major	E-mail
Hahn, Jae-Phil	Professor	Ph.D.	International Transactional Law and Practice	jphahn@ssu.ac.kr
Lee, Byung-Moon	Professor	Ph.D.	International Transactional Law and Practice	bmlee@ssu.ac.kr
Cho, Seong-Ho	Associate Professor	Ph.D.	International Marketing	sc616@ssu.ac.kr
Lee, In-Koo	Professor	Ph.D.	Macroeconomics	iklee1120@ssu.ac.kr
Heo, Hai-Kwan	Associate Professor	Ph.D.	International Transactional Law and Practice	hkhur@ssu.ac.kr
Kim, Dong-Soo	Professor	Ph.D.	Process Management	dskim@ssu.ac.kr
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