
대학원 과정

Graduate Courses

<기초교육원 주관>

공통역량교과목(Core Competency Courses)

990.501A 연구 윤리(Research Ethics) 3-3-0	M2480.00130 논문작성법: 인문사회계열(Research Paper Writing for Graduate Students:Majors in Liberal Arts and Social Sciences) 1-1-0
M2480.000100 연구윤리의 이해(Understanding Research Ethics) 1-1-0	M2480.001400 영어논문작성법: 인문사회계열(English Research Paper Writing for Graduate Students: Majors in Liberal Arts and Social Sciences) 1-1-0
M2480.000200 인문데이터분석(Data Analysis for Humanities) 3-3-0	M2480.001500 영어논문작성법: 이공계열(English Research Paper Writing for Graduate Students: Majors in Natural Sciences and Engineering) 1-1-0
M2480.000300 사회과학과 경영학을 위한 자료분석법(Data Analytics for Social Sciences and Business) 3-3-0	M2480.001600 대학강의의 이해와 실습(Understanding and Practicing University Teaching) 1-1-0
M2480.000400 생명정보학(Informatics in Biology and Medicine) 3-3-0	M2480.001700 공공보건자료의 의학과 간호학적 이해 및 양적 연구분석(Understanding of Public Health Data in terms of Medical and Nursing Science and Quantitative Analysis) 3-3-0
M2480.000600 기능적자기공명영상 자료수집 및 통계분석(Data collection and statistical analysis for functional MRI) 3-2-2	M2480.001800 생명공학 기술과 경영(Technology and Business of Biotechnology) 3-3-0
M2480.000700 인공지능과 자연지능(Artificial and natural intelligence) 3-3-0	M2480.001900 다학제적 중개의학(Interprofessional Translational Medicine) 3-3-0
M2480.000800 시장문제 해결 데이터 분석(Data Analytics for Market Problem Solving) 3-2-2	M2480.002000 원헬스의 이론, 실제 및 응용(One Health: Theories, Practice and Application) 3-3-0
M2480.000900 시청각 예술 콘텐츠 제작(AudioVisual Art Contents Production) 3-2-2	M2480.002100 약용식물산업학(Medicinal Plants and Industry) 3-3-0
M2480.001000 모델동물의 이해와 응용(Understanding and Application of Model Animals) 3-3-0	M2480.002200 금속가공세미나(Metal Fabrication Seminar) 3-2-2
M2480.001100 데이터사이언스의 원리와 응용(Principles and Application of Data Science) 3-3-0	M2480.002300 질적연구방법론의 다학제적 적용(Multidisciplinary Application of Qualitative Research Methodology) 3-3-0
M2480.001200 인공지능을 위한 이론과 모델링(Theory and Modeling for A.I.) 3-3-0	

<인문대학 주관>

300. 공통과목(Extrdepartmental Courses)

*100.501 인문학세미나(Seminar in Humanities) 1-1-0

101. 국어국문학과(Department of Korean Language and Literature)

공통과목(Core Courses)

- *101.511 한국문학서지연구(Studies in Korean Literature Bibliography) 3-3-0
- *M1232.001400 한국고전자료의 탐구(Exploring Classical Korean Literary Texts) 3-3-0
- M1232.000400 한국현대시특강(Topics in Korean Modern Poetry) 3-3-0
- M1232.000500 한국현대소설특강(Topics in Korean Modern Novel) 3-3-0
- *101.569 한국문학연구방법(Methods of Research in Korean Literature) 3-3-0
- M2169.006200 한국사회언어학연구(Korean Sociolinguistics) 3-3-0
- *M2169.007600 한국어학연구방법론(Methods of Research in Korean Linguistics) 3-3-0
- M2169.006700 한국어담화텍스트언어학(Korean Textlinguistics) 3-3-0
- *M1232.000300 비교문학연구방법론(Methods of Research in Comparative Literature) 3-3-0
- 101.803 대학원논문연구(Reading and Research) 3-3-0

국어학전공(Korean Language)

- 101.501A 한국어형태론(Korean Morphology) 3-3-0
- 101.502A 한국어통사론(Korean Syntax) 3-3-0
- M2169.007000 한국어어휘론연구(Korean Lexicology) 3-3-0
- *101.504A 한국어의미론특강(Topics in Korean Semantics) 3-3-0
- *101.506A 한국어음운론특강(Topics in Korean Phonology) 3-3-0
- *101.507A 한국어사특강(Topics in the History of Korean Language) 3-3-0
- M2169.006500 한국어학사연구(Topics in the History of Korean Linguistics) 3-3-0
- M2169.006000 한국어음성학연구(Korean Phonetics) 3-3-0
- M2169.006100 한국어방언학연구(Topics in Korean Dialectology) 3-3-0
- M2169.006300 한국어학서지연구(Topics in Korean Bibliography) 3-3-0
- M2169.006400 한국어화용론연구(Korean Pragmatics) 3-3-0
- M2169.006600 한국어사전학연구(Korean Lexicography) 3-3-0
- M2169.007100 한국어음운론연구(Seminar in Korean Phonology) 3-3-0
- M2169.007200 한국어통사론연구(Seminar in Korean Syntax) 3-3-0
- M2169.007500 한국어의미론(Seminar in Korean Semantics) 3-3-0
- M2169.006800 한국어음운사(Topics in the Historical Phonology of Korean) 3-3-0
- M2169.006900 한국어문법사(Topics in the Historical Grammar of Korean) 3-3-0
- M2169.007400 한국문자론연구(Seminar in Korean Writing Systems) 3-3-0
- M2169.007300 세계속의 한국어학 연구(Korean Linguistics in the World) 3-3-0
- *M2169.005500 한국어문법론특강(Topics in Korean Grammar)

3-3-0

- M2169.005600 한국어음운론(Korean Phonology) 3-3-0
- M2169.005700 전산한국어학연구(Studies in Korean Computational Linguistics) 3-3-0
- M2169.005800 응용한국어학연구(Studies in Korean Applied Linguistics) 3-3-0

국문학전공(Korean Literature)

- 101.563A 한국현대작가론특강(Topics in Korean Modern Authors) 3-3-0
- 101.565A 한국현대시인론특강 (Topics in Korean Modern Poets) 3-3-0
- *101.567 한국한문학연구(Studies in Sino-Korean Prose) 3-3-0
- 101.568A 한국현대비평론특강(Topics in Korean Modern Literary Criticism) 3-3-0
- *M1232.000800 한국고전문학과 예술(Classical Korean Literature and Art) 3-3-0
- *101.664 한국한문연구(Studies in Sino-Korean Prose) 3-3-0
- *101.668A 한국고전소설연구(Studies in Korean Classical Poetry) 3-3-0
- *101.672 한국고전시가연습(Seminar in Classical Korean Poetry) 3-3-0
- *M1232.001300 신라와고려의문학(Studies in Silla and Goryeo Literature) 3-3-0
- *101.677A 한국구비문학연구(Studies in Korean Oral Literature) 3-3-0
- *101.678B 한국현대작가집중연구(Topics in Korean Modern Author Theory) 3-3-0
- *101.679B 한국현대문학과 시대(Topics in Korean Modern Literature in Historical Context) 3-3-0
- *M1232.000600 한국현대드라마연구방법론(Methods of Research in Korean Modern Drama) 3-3-0
- *101.682B 한국현대문학과 이론(Topics in Korean Modern Literature and Research Methodology) 3-3-0
- *M1232.001100 서사학이론연습(Seminar in Narratology) 3-3-0
- *M1232.001000 한국고전문학특강(Topics in Classical Korean Literature) 3-3-0
- 101.765A 한국현대시사연구(Studies in the History of Korean Modern Poetry) 3-3-0
- 101.766A 한국현대소설사연구(Studies in the History of Korean Modern Novel) 3-3-0
- 101.770A 한국현대비평사연구(Studies in the History of Korean Modern Literary Criticism) 3-3-0
- *101.774A 한국고전문학과 세계문학(Korean Classical Literature and World) 3-3-0
- *101.775 한국고전작품론연습(Seminar in Classical Korean Literary Works) 3-3-0
- *101.779A 한국문학사연구(Studies in Korean Literary History) 3-3-0
- *M1232.000700 한국고전비평과 사상(Classical Literary Criticism and Thought in Korea) 3-3-0
- 101.784A 한국현대시론연구(Studies in Korean Modern Poetry) 3-3-0
- 101.785A 한국현대시인연구(Studies in Korean Modern Poets) 3-3-0
- 101.786A 한국현대소설론연구(Studies in Korean Modern Novel) 3-3-0
- 101.787A 한국현대작가연구(Studies in Korean Modern Authors) 3-3-0
- 101.788A 한국현대문학사연구(Studies in History of Korean Modern Literature) 3-3-0
- *M1232.001200 한국학학술발표연습(Academic Presentations in Korean Studies) 3-3-0
- *101.791 한국고전작가론연습(Seminar in Korean Classical Author Theory) 3-3-0

- *101.792 한국고전산문 연습(Seminar in Korean Classical Prose) 3-3-0
- *M1232.000900 한국문학주제탐구(Thematic Inquiries in Korean Literature) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Korean Language and Literature)

학과내규로 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

해당사항 없음.

102. 중어중문학과(Department of Chinese Language and Literature)

- 102.615 중국시가연구(Studies in Chinese Poetry) 3-3-0
- 102.617 중국희곡연구(Studies in Chinese Drama) 3-3-0
- 102.618 중국산문연구(Studies in Chinese Prose) 3-3-0
- *102.619A 중국고전문학이론연습(Seminar in Theories of Literature in Pre-Modern China) 3-3-0
- 102.623 경서연구(Studies in Confucian Classics) 3-3-0
- *102.643 중국문학사연습(Seminar in History of Chinese Literature) 3-3-0
- *102.646 중국현대문학연습(Seminar in Modern Chinese Literature) 3-3-0
- *102.647 중국어학연습(Seminar in Chinese Linguistics) 3-3-0
- 102.648A 중국사곡연구(Studies in Chinese Ci Poetry and Sanqu Literature) 3-3-0
- *102.653A 중국현대문학이론연습(Studies in Chinese Ci Poetry and Sanqu Literature) 3-3-0
- *102.655A 중국어어법연습(Seminar in Chinese Grammar) 3-3-0
- 102.656 중국어음운론연구(Studies in Chinese Phonological Theories) 3-3-0
- 102.657 중국문자학연구(Studies in Chinese Characters) 3-3-0
- 102.660 제자백가연구(Studies in Philosophy of Hundred Schools) 3-3-0
- 102.661 중국어의미론연구(Studies in Chinese Semantics) 3-3-0
- 102.664 중국고문법연구(Studies in Classical Chinese Grammar) 3-3-0
- *102.665A 중국문헌학연습(Seminar in Chinese Philology) 3-3-0
- *102.667 중국소설연습(Seminar in Chinese Traditional Novel) 3-3-0
- *102.670 중국고전문학연습(Seminar in Classical Chinese Literature) 3-3-0
- 102.671 중국강창연구(Studies in the Oral Performance Arts of China) 3-3-0
- 102.672 중국소설연구(Studies in Chinese Traditional Novel) 3-3-0
- 102.673 중국사부연구(Studies in Chuci and Hanfu Literature) 3-3-0
- 102.674 선진문헌연구(Studies on Texts of Pre-Qin Period) 3-3-0
- M1234.000300 중국중세문학연구(Studies in Medieval Chinese Literature) 3-3-0
- 102.677 원명청문학연구(Studies on Literatures of Yuan Ming Qing Dynasty) 3-3-0
- 102.678 중국근대문학연구(Studies on Literatures in Modern China) 3-3-0
- 102.679 중국현대문학연구(Studies on Literatures in Contemporary China) 3-3-0

- 102.680 현대중국어어법연구(Studies in Modern Chinese Grammar) 3-3-0
- 102.681 한중문학교류연구(Studies in Intercommunication of Literature between China and Korea) 3-3-0
- *102.682 중국문학연구방법론연습(Seminar in Research Methodology of Chinese Literature) 3-3-0
- *102.683 중국어학연구방법론연습(Seminar in Research Methodology of Chinese Linguistics) 3-3-0
- *102.684 중국어교육방법론연습(Seminar in Educational Methodology of Chinese Language) 3-3-0
- *102.685 중국문헌전제연습(Topics on Chinese Texts) 3-3-0
- *102.686 중국고대의 문화, 지식, 텍스트(Culture, Knowledge and Texts in Ancient China) 3-3-0
- *102.687 중국문화의 원형과 변용(Archetype of Chinese Culture and its Transformation) 3-3-0
- *102.688 중국문학의 사회적 기제(Social Mechanism of Chinese Literary Tradition) 3-3-0
- 102.689 중국어와 중국인의 사유형식(Chinese Language and the Way of Thinking) 3-3-0
- 102.690 중국어의 역사적 변천(Historical Change of Chinese Language) 3-3-0
- 102.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Chinese Language and Literature)

학과내규로 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

해당사항 없음

103. 영어영문학과(Department of English Language and Literature)

- 103.601 고대중세영어(Old and Middle English) 3-3-0
- 103.603 영어사(History of the English Language) 3-3-0
- 103.605 영어음운론(English Phonology) 3-3-0
- 103.606 영어통사론(English Syntax) 3-3-0
- 103.608 영어의미론(English Semantics) 3-3-0
- 103.617A 19세기영국시(19th-Century British Poetry) 3-3-0
- 103.621A 현대영국소설(20th- and 21st-Century British Fiction) 3-3-0
- 103.622 현대미국소설(20th- and 21st-Century American Fiction) 3-3-0
- 103.626A 셰익스피어(Shakespeare) 3-3-0
- *103.627C 비평이론(Critical Theory) 3-3-0
- 103.630A 미국시(American Poetry) 3-3-0
- *103.631A 중세영문학(Medieval English Literature) 3-3-0
- 103.635 대학영어교육(College English Education) 3-3-0
- *103.648 영어학연습(Seminar in English Linguistics) 3-3-0
- 103.657A 18세기영국소설(18th-Century British Fiction) 3-3-0
- 103.658A 19세기영국소설(19th-Century British Fiction) 3-3-0
- 103.659A 19세기미국소설(American Fiction up to 1900) 3-3-0
- *103.676 르네상스영문학(English Renaissance Literature) 3-3-0
- *103.677 18세기영국문학(18th-Century British Literature) 3-3-0
- *103.678 19세기영국문학(19th-Century British Literature) 3-3-0
- *103.680 19세기미국문학(American Literature up to 1900) 3-3-0
- *103.687 영어학연구방법론(Research Methods in English Linguistics) 3-3-0

- *103.688 응용영어학연습(Seminar in Applied Linguistics) 3-3-0
- *103.689 영어학연구(Studies in English Linguistics) 3-3-0
- M1236.002600 영문학연구론(Proseminar in English Literary Studies) 3-3-0
- *M1236.002700 현대영국문학(20th- and 21st-Century British Literature) 3-3-0
- *M1236.002800 현대미국문학(20th- and 21st-Century American Literature) 3-3-0
- M1236.002900 현대영시(Modern Poetry in English) 3-3-0
- M1236.003000 현대영미드라마(Modern and Contemporary Drama in English) 3-3-0
- *M1236.003100 영문학특강(Topics in English Literature) 3-3-0
- M1236.003700 코퍼스영어학 1(English Corpus Linguistics 1) 3-3-0
- M2169.000200 영어영문학주제연구 1(Directed Study in English Language and Literature 1) 3-3-0
- M2169.000300 영어영문학주제연구 2(Directed Study in English Language and Literature 2) 3-3-0
- 103.803 대학원논문연구(Dissertation Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of English Language and Literature)

전공지도교수 추천에 의해 학과장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

학과내규에 의함.

104. 불어불문학과(Department of French Language and Literature)

- *104.602 불어사연구(Studies in the History of French) 3-3-0
- *104.607 불어통사론(French Syntax) 3-3-0
- *104.608 불어의미론(French Semantics) 3-3-0
- *104.610 현대불어학특강(Topics in Modern French Linguistics) 3-3-0
- *104.611 불어학연구방법론(Methods of Research in French Linguistics) 3-3-0
- *104.622 19세기불문학비평연구(Studies in the 19th Century French Literary Criticism) 3-3-0
- *104.627 현대불문학비평연구(Studies in Modern French Literary Criticism) 3-3-0
- *104.641 프랑스르네상스문학연구(Studies in French Literature of Renaissance) 3-3-0
- *104.642 프랑스바로크문학연구(Studies in Baroque French Literature) 3-3-0
- *104.643 프랑스실존주의 연구(Studies in French Existentialism) 3-3-0
- *104.644 현대문화와 불문학(Comtemporary Culture and French Literature) 3-3-0
- *104.645 프랑스낭만주의 연구(Studies in French Romanticism) 3-3-0
- *104.646 프랑스상징주의 연구(Studies in French Symbolism) 3-3-0
- *104.647 프랑스사실주의 연구(Studies in French Realism) 3-3-0
- *104.650 현대프랑스소설연구(Studies in Modern French Novel) 3-3-0
- *104.651 현대프랑스희곡연구(Studies in Modern French Drama) 3-3-0
- 104.652 17세기프랑스작가연구(Studies in 17th Century French Authors) 3-3-0

- *104.653 프랑스코전주의 연구(Studies in French Classicism) 3-3-0
- *104.654 18세기프랑스작가연구(Studies in 18th Century French Authors) 3-3-0
- 104.655 프랑스초현실주의 연구(Studies in French Surrealism) 3-3-0
- 104.656 현대프랑스시연구(Studies in Modern French Poetry) 3-3-0
- *104.702 구조주의언어학특강(Topics in Structuralist Linguistics) 3-3-0
- *104.703 불어학사특강(Topics in the History of French Linguistics) 3-3-0
- *104.705 중세불문학연구(Studies in Medieval French Literature) 3-3-0
- *104.711 불어화용론특강(Topics in French Pragmatics) 3-3-0
- *104.713 담화분석연구(Studies on Discourse Analysis) 3-3-0
- *104.716 불어어휘론(French Lexicology) 3-3-0
- 104.717A 현대불어문법이론(Contemporary Theories of French Grammar) 3-3-0
- *104.719 불어권문학연구(Studies in Francophonic Literature) 3-3-0
- *104.723 불어번역학연구(Studies in French Translation Theory) 3-3-0
- 104.725 프랑스계몽사상연구(Studies in French Enlightenment) 3-3-0
- 104.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of French Language and Literature)

학과내규로 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

해당사항 없음.

105. 독어독문학과(Department of German Language and Literature)

- 105.603 독어화용론(German Pragmatics) 3-3-0
- 105.608 독어통사론연구(Studies in German Syntax) 3-3-0
- 105.610 독어문체론연구(Studies in German Stylistics) 3-3-0
- 105.618 괴테연습(Seminar in Goethe) 3-3-0
- 105.620 19세기독문학특강(Topics in the 19th Century German Literature) 3-3-0
- 105.638 독문학연구방법론(Methods of Research in German Literature) 3-3-0
- 105.642 독어형태론연구(Studies in German Morphology) 3-3-0
- 105.651 독일리얼리즘과 모더니즘문학(Realism and Modernism in German Literature) 3-3-0
- *105.654 현대독문학연습(Seminar in Modern German Literature) 3-3-0
- *105.655 독일작가연습(Seminar in Major German Writers) 3-3-0
- *105.656 독어학연구방법연습(Seminar in Methods of Research in German Linguistics) 3-3-0
- *105.657 독어학연습(Seminar in German Linguistics) 3-3-0
- *105.660 독일문예학연습(Seminar in German Literaturwissenschaft) 3-3-0
- 105.661 독일고전주의문학연구(Studies in German Classicism) 3-3-0
- 105.662 독일낭만주의문학연구(Studies in German Romanticism) 3-3-0

- 105.668 독일소설 및 이론연구(Studies in German Novel and Its Theories) 3-3-0
- 105.669 현대독일소설연구(Studies in Modern German Novel) 3-3-0
- 105.670 독일희곡연구(Studies in German Drama) 3-3-0
- 105.671 독일문학과 번역(German Literature and Translation) 3-3-0
- 105.672 독일시 및 이론(German Poetry and Its Theories) 3-3-0
- 105.803 대학원논문연구(Reading and Research) 3-3-0
- M1241.000300 인지 신경 언어학의 이론과 실제(Theory and practice of cognitive neurolinguistics) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of German Language and Literature)

학과내규로 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

해당사항 없음.

106. 노어노문학과(Department of Russian Language and Literature)

- 106.611 고대교회슬라브어(Old Church Slavic) 3-3-0
- 106.634 러시아모더니즘문법학(Russian Modernism) 3-3-0
- 106.647 러시아어형태통사론(Russian Morphosyntax) 3-3-0
- 106.648 러시아어음운론(Russian Phonology) 3-3-0
- 106.649A 러시아문학어의역사 (History of Russian Literary Language) 3-3-0
- *106.650 러시아어통사론특강(Topics in Russian Syntax) 3-3-0
- *106.653 러시아어형태론특강(Topics in Russian Morphology) 3-3-0
- 106.654 러시아문학방법론(Bibliography and Method of Russian Literature) 3-3-0
- *106.661A 러시아어담화문법 (Russian Discourse Grammar) 3-3-0
- *106.662 러시아어문체론연습(Seminar in Russian Stylistics) 3-3-0
- *106.663 현대러시아어학이론연습(Seminar in Modern Russian Theoretical Linguistics) 3-3-0
- *106.670 19세기러시아문학연습(Seminar in 19th Century Russian Literature) 3-3-0
- *106.671 20세기러시아문학연습(Seminar in 20th Century Russian Literature) 3-3-0
- *106.672 러시아소설연습(Seminar in Russian Novel) 3-3-0
- *106.673 러시아시연습(Seminar in Russian Poetry) 3-3-0
- *106.674 러시아희곡연습(Seminar in Russian Drama) 3-3-0
- 106.708 러시아고전주의문학연구(Studies in Russian Classicism) 3-3-0
- 106.709 러시아낭만주의문학연구(Studies in Russian Romanticism) 3-3-0
- 106.710 러시아사실주의문학연구(Studies in Russian Realism) 3-3-0
- 106.714 소비에트문학연구(Studies in Soviet Literature) 3-3-0
- *106.731 러시아문학작가연습(Seminar in Russian Major Authors) 3-3-0
- *106.732 러시아문학작품연습(Seminar in Russian Major Works) 3-3-0
- *106.733 러시아문학비평론연습(Seminar in Russian Literary Criticism) 3-3-0
- *106.734 러시아문학특강(Topics in Russian Literature) 3-3-0

- 106.736 러시아문학작품론연구(Studies in Russian Major Works) 3-3-0
- 106.737 러시아문학작가론연구(Studies in Russian Major Authors) 3-3-0
- 106.738 러시아문학비평론연구(Studies in Russian Literary Criticism) 3-3-0
- *106.739 러시아문학사조론연습(Seminar in Russian Literary Trends) 3-3-0
- 106.741 러시아어의미론(Russian Semantics) 3-3-0
- 106.742 러시아어학연구방법론(Methods of Research in Russian Linguistics) 3-3-0
- 106.743 러시아문법이론(Theories in Russian Grammar) 3-3-0
- *106.744 러시아어사특강(Topics in History of Russian Language) 3-3-0
- 106.745 고대러시아문학(Old Russian Literature) 3-3-0
- 106.746 18세기러시아문학연구(Studies in the 18th Century Russian Literature) 3-3-0
- 106.803 대학원논문연구(Dissertation Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Russian Language and Literature)

학과내규로 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

학과내규에 의한 과목 이수지침을 따라야 함.

107. 서어문학과(Department of Hispanic Language and Literature)

- *107.507 스페인어통사론(Spanish Syntax) 3-3-0
- *107.508 스페인어형태론(Spanish Morphology) 3-3-0
- *107.509 스페인어의미론(Spanish Semantics) 3-3-0
- *107.528 스페인어학연구방법론(Methods of Research in Spanish Linguistics) 3-3-0
- *107.530 스페인어화용론(Spanish Pragmatics) 3-3-0
- *107.534 현대스페인소설연구(Studies in Modern Spanish Novel) 3-3-0
- *107.537 스페인문학연구방법론(Methods of Research in Spanish Literature) 3-3-0
- *107.541 현대중남미산문(Modern Hispanic-American Prose) 3-3-0
- *107.543 중남미문학연습(Seminar in Hispanic-American Literature) 3-3-0
- *107.544 중남미문학특강(Topics in Hispanic-American Literature) 3-3-0
- *107.549 현대스페인어학연습(Seminar in Contemporary Spanish Linguistics) 3-3-0
- *107.551 스페인문학비평방법론(Methods of Research in Spanish Literary Criticism) 3-3-0
- *107.552 중남미문학비평방법론(Methods of Research in Hispanic-America Literary Criticism) 3-3-0
- *107.555 중남미작가론(Seminar in Hispanic American Authors) 3-3-0
- *107.556 스페인어번역특강(Topics in Spanish Translation) 3-3-0
- *107.562 스페인어 대조언어학(Spanish Contrastive Linguistics) 3-3-0
- 107.563 스페인어접촉현상연구(Studies in Spanish Language Contact) 3-3-0
- *107.564 스페인어학이론과 교수법(Spanish Linguistic Theory and Method of Teaching) 3-3-0

- 107.571 라티노문학연구(Studies in Latino Literature) 3-3-0
- 107.572 라티노문화연구(Studies in Latino Culture) 3-3-0
- *107.574 라틴아메리카 붐소설 연구(Studies in Latin American Boom Novels) 3-3-0
- *107.575 라틴아메리카 여성주의 문학(Latin American Feminist Literature) 3-3-0
- 107.581 스페인사실주의문학연구(Studies in Spanish Realism) 3-3-0
- 107.582 스페인황금세기연극론(Spanish Golden Age Theatre) 3-3-0
- 107.583 스페인내전과 전후문학(Spanish Post-War Literature) 3-3-0
- 107.584 20세기초 스페인문학(Early 20th Century Spanish Literature) 3-3-0
- 107.585 세르반테스와 스페인르네상스문학(Cervantes and Spanish Renaissance Literature) 3-3-0
- *107.586 현대스페인문화연구(Studies on Contemporary Spanish Culture) 3-3-0
- M1244.000400 외국어로서의 스페인어 교육(Teaching Spanish as a Foreign Language) 3-3-0
- 107.803 대학원논문연구(Dissertation Research) 3-3-0
- M2169.005400 스페인어 습득론(Spanish Second Language Acquisition) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Hispanic Language and Literature)
학과내규에 따름.

교과목 이수규정
(Departmental Course Requirements)
학과내규에 따름.

108. 언어학과(Department of Linguistics)

- 108.518 음성학연구 1(Studies in Phonetics 1) 3-3-0
- 108.519 음운론연구 1(Studies in Phonology 1) 3-3-0
- 108.520 통사론연구 1(Studies in Syntax 1) 3-3-0
- 108.521 의미론연구 1(Studies in Semantics 1) 3-3-0
- 108.522 역사비교언어학연구 1(Studies in Historical Comparative Linguistics 1) 3-3-0
- *108.523A 실험음성학연구(Studies in Experimental Phonetics) 3-3-0
- M1246.000700 알타이언어학연구(Studies in Altaic Linguistics) 3-3-0
- M1246.000800 인도유럽언어학연구(Studies in Indo-European Linguistics) 3-3-0
- *108.527A 문헌학연습(Seminar in Philology) 3-3-0
- 108.528 사회언어학연구(Studies in Social Linguistics) 3-3-0
- *108.530 언어이론연습(Seminar in Linguistic Theories) 3-3-0
- *108.532A 음성학연습(Seminar in Phonetics) 3-3-0
- *108.534 통사.의미론연습 1(Seminar in Syntax and Semantics 1) 3-3-0
- 108.535A 컴퓨터언어학연구 1(Studies in Computational Linguistics 1) 3-3-0
- *108.536A 컴퓨터언어학연구 2(Studies in Computational Linguistics 2) 3-3-0
- *108.538 특수언어연습 1(Seminar in Individual Languages 1) 3-3-0
- *108.539 특수언어연습 2(Seminar in Individual Languages 2) 3-3-0
- 108.611 화용론연구(Studies in Pragmatics) 3-3-0
- 108.612 방언학연구(Studies in Dialectology) 3-3-0
- 108.613 언어학사연구(Studies in History of Linguistics) 3-3-0

- 108.619 심리언어학연구(Studies in Psycholinguistics) 3-3-0
- *108.620 음운론연습(Seminar in Phonology) 3-3-0
- 108.625A 음성언어처리연구 1(Studies in Spoken Language Processing 1) 3-3-0
- *108.626 음성언어처리연구 2(Studies in Spoken Language Processing 2) 3-3-0
- *108.703 형태론연구(Studies in Morphology) 3-3-0
- *108.716 음성학연구 2(Studies in Phonetics 2) 3-3-0
- *108.717 음운론연구 2(Studies in Phonology 2) 3-3-0
- *108.718 통사론연구 2(Studies in Syntax 2) 3-3-0
- *108.719 의미론연구 2(Studies in Semantics 2) 3-3-0
- *108.720 역사비교언어학연구 2(Studies in HistoricalComparative Linguistics 2) 3-3-0
- *108.725A 역사비교언어학연습(Seminar in Historical Comparative Linguistics) 3-3-0
- 108.727 언어유형론연구(Studies in Linguistic Typology) 3-3-0
- *108.730 통사.의미론연습 2(Seminar in Syntax and Semantics 2) 3-3-0
- *108.732 컴퓨터언어학연습(Seminar in Computational Linguistics) 3-3-0
- *108.733 음성언어처리연습(Seminar in Spoken Language Processing) 3-3-0
- M1246.001100 실험언어학연습(Seminar in Experimental Linguistics) 3-3-0
- 108.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Linguistics)
학과내규에 따름.

교과목 이수규정
(Departmental Course Requirements)

- ① 학과내규에 따름.
- ② 타학과 개설 과목 중 전공선택 인정과목은 석사과정 6학점, 박사과정 9학점 이내로 제한함.

109. 국사학과(Department of Korean History)

- *109.601 한국고대사연구(Studies in Ancient History of Korea) 3-3-0
- *109.605 한국현대사연구(Studies in Contemporary History of Korea) 3-3-0
- *109.613 한국사회사연구(Studies in Korean Social History) 3-3-0
- *109.649 한국고대사특강(Topics in Ancient History of Korea) 3-3-0
- 109.661 조선후기사회변동연구(Studies in Social Change of Late Choseon) 3-3-0
- *109.662 한국독립운동사연구(Studies in History of National Independence Movements) 3-3-0
- 109.671 고려정치사연구(Studies in Political History in Koryo Dynasty) 3-3-0
- 109.672 한국사와 동북아시아(Korean History and North-Eastern Asia) 3-3-0
- *109.677 규장각자료연습(Seminar in Kyujanggak Collection) 3-3-0
- *109.683 한국근대사특강(Topics in Modern History of Korea) 3-3-0
- *109.684 한국현대사특강(Topics in Contemporary Korean History) 3-3-0
- 109.686 한국사시대구분론(The Periodization of Korean History) 3-3-0
- 109.803 대학원논문연구(Reading and Research) 3-3-0
- M1248.000200 한국사연구방법론(Studies in Current Korean

- Historiography) 3-3-0
- M1248.000300 한국고대사통론(Survey of Ancient Korean History) 3-3-0
- M1248.000500 한국근현대문화사연구(Studies in Cultural History of Modern Korea) 3-3-0
- M1248.000800 고려시대사통론(Survey of Medieval Korean History) 3-3-0
- M1248.000900 조선시대사통론(Survey of Early Modern Korean History) 3-3-0
- M1248.001000 한국근대사통론(Survey of Modern Korean History) 3-3-0
- M1248.001100 한국현대사통론(Survey of Contemporary Korean History) 3-3-0
- M1248.001200 한국금석문연습(Seminar in Korean Epigraphy) 3-3-0
- M1248.001300 한국고문서연습(Seminar in Korean Palaeography) 3-3-0
- M1248.001400 한국근현대자료연습(Seminar in Historical Materials of Modern Korea) 3-3-0
- M1248.001500 한국유교사연구(Studies in History of Korean Confucianism) 3-3-0
- M1248.001600 고대문화사연구(Studies in Cultural History of Ancient Korea) 3-3-0
- M1248.001700 조선시대사상사연구(Studies in Intellectual History of Early Modern Korea) 3-3-0
- M1248.001800 한국근현대사회사연구(Studies in History of Social Movements in Modern Korea) 3-3-0
- M1248.001900 한국근현대사상사연구(Studies in Intellectual History of Modern Korea) 3-3-0
- M1248.002000 한국전근대사학사연구(Studies in Historiography of Pre-modern Korea) 3-3-0
- M1248.002100 한국근현대사학사연구(Studies in Historiography of Modern Korea) 3-3-0
- M1248.002200 한국과학사연구(Studies in History of Korean Science) 3-3-0
- M1248.002300 한국불교사연구(Studies in History of Korean Buddhism) 3-3-0
- *M1248.002400 한국중세문화사연습(Seminar in Cultural History of Medieval Korea) 3-3-0
- *M1248.002500 고려시대사특강(Topics in History of Mediaeval Korea) 3-3-0
- *M1248.002600 조선시대사특강(Topics in History of Early Modern Korea) 3-3-0
- *M1248.002700 한국경제사특강(Topics in Korean Economic History) 3-3-0
- *M1248.002800 한국문화사특강(Topics in Korean Cultural History) 3-3-0
- *M1248.002900 한국대외관계사특강(Topics in History of Korean Foreign Relations) 3-3-0
- M2169.004400 조선정치사연구(Studies in Political History of Early Modern Korea) 3-3-0
- *M2169.004500 한국사회사특강(Topics in Korean Social History) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Korean History)
학과내규에 인정하는 과목

교과목 이수규정
(Departmental Course Requirements)
학과내규에 따름

111. 동양사학과(Department of Asian History)

- 111.603 진한시대사연구(Studies in Qin-Han Dynasties) 3-3-0
- 111.604 중국남북조시대사연구(Studies in History of Nan-Bei-Chao Period in China) 3-3-0
- 111.607 명대사연구(Studies in Ming China) 3-3-0
- 111.608 청대사연구(Studies in Qing China) 3-3-0
- 111.612 동양사회경제사연구(Studies in Socio-Economic History of Asia) 3-3-0
- 111.613 중국문화사연구(Studies in Cultural History of China) 3-3-0
- 111.614 중국사학사연구(Studies in Chinese Historiography) 3-3-0
- 111.616 중국정치제도사연구(Studies in Political Institutions of China) 3-3-0
- 111.618 중국신사총연구(Studies in Chinese Gentry) 3-3-0
- 111.619 중국토지제도사연구(Studies in the Evolution of Land-Ownership in China) 3-3-0
- 111.621 동아시아국제관계사연구(Studies in History of East Asian International Relation) 3-3-0
- 111.622 동서교류사연구(Studies in East-West Relations in Pre-Modern Era) 3-3-0
- 111.624 정복왕조사연구(Studies in Conquest Dynasties) 3-3-0
- M.1249.000700 베트남사연구(Studies in Vietnamese History)
- 111.630 명치유신사연구(Studies in Meiji Restoration) 3-3-0
- 111.632 일본사상사연구(Studies in Intellectual History of Japan) 3-3-0
- 111.633A 일본무사사회사연구(Studies in Japanese Warrior Society) 3-3-0
- 111.640 원대사연구(Studies in Yuan China) 3-3-0
- 111.647 중국선진사연구(Studies in History of Pre-Qin China) 3-3-0
- *111.650 동아시아고대사연습(Seminar in Ancient History of East Asia) 3-3-0
- *111.651 동아시아중세사연습(Seminar in Medieval History of East Asia) 3-3-0
- *111.652 동아시아근세사연습(Seminar in Early Modern History of East Asia) 3-3-0
- *111.653 동아시아현대사연습(Seminar in Contemporary History of East Asia) 3-3-0
- *111.656 중앙아시아사연습(Seminar in Central Asian History) 3-3-0
- *111.658 이슬람문명사연습(Seminar in Islamic Civilization) 3-3-0
- *111.659A 일본근대사연습(Seminar in Modern History of Japan) 3-3-0
- *111.660 일본사회사연습(Seminar in Japanese Social History) 3-3-0
- 111.661 중동사회사연구(Studies in Social History of the Middle East) 3-3-0
- 111.662 오스만제국사연구(Studies in Ottoman History) 3-3-0
- 111.671 복사와 금문 연구(Studies on the Oracle Bone and Bronze Inscription) 3-3-0
- 111.672 중화민국사연구(Studies in Republican China) 3-3-0
- 111.673 중국공산주의운동사연구(Studies in History of Chinese Communist Movement) 3-3-0
- 111.674 수당시대사연구(Studies in State and Society in Sui and Tang Period) 3-3-0
- 111.675 근대중국의 개혁과 혁명의 연구(Studies in Reform and Revolution in Modern Chinese History) 3-3-0
- 111.676 동양사상사연습(Seminar in Intellectual History of Asia) 3-3-0
- 111.677 일본정치사연습(Seminar on Political History of Japan) 3-3-0
- 111.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Asian History)
학과내규에 인정하는 과목

교과목 이수규정
(Departmental Course Requirements)
비 본과 출신 대학원 진학자는 학부 전공과목 중 동양사학연구지도 (111.404)를 수강하고, 동양사세미나(111.332) 혹은 동양사특강 (111.327) 중 한 과목을 이수하여야 한다.

112. 서양사학과(Department of Western History)

- *112.632 영국사연습(Seminar in British History) 3-3-0
- *112.633 미국사연습(Seminar in American History) 3-3-0
- *112.634 독일사연습(Seminar in German History) 3-3-0
- *112.635 프랑스사연습(Seminar in French History) 3-3-0
- *112.636A 러시아사연습(Seminar in Russian History) 3-3-0
- *112.657 서양근대사연습(Seminar in Modern European History) 3-3-0
- *112.664 서양현대사연습(Seminar in Contemporary European History) 3-3-0
- *112.671 서양중세사연습(Seminar in Medieval European History) 3-3-0
- 112.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Western History)
학과내규로 인정하는 과목

교과목 이수규정
(Departmental Course Requirements)
해당사항 없음.

113. 철학과(Department of Philosophy)

113A. 동양철학전공(Asian Philosophy)

- *113.513 동양철학방법론연습(Seminar in Asian Philosophical Methodology) 3-3-0
- *113.515 동양철학연습(Seminar in Asian Philosophy) 1-1-0
- *113.516 동양철학연구(Studies in Asian Philosophy) 2-2-0
- *113.517 불교철학방법론연구(Studies in Buddhist Philosophical Methodology) 3-3-0
- *113.518 불교철학연구(Studies in Buddhist Philosophy) 3-3-0
- *113.523 한국근대철학연습(Seminar in Modern Korean Philosophy) 3-3-0
- *113.532 중국선진고전연습(Seminar in Classics of Pre-Qin China) 3-3-0
- 113.533 성리학연구(Studies in Neo-Confucian Philosophy) 3-3-0
- *113.534 유가철학연습(Seminar in Confucian Philosophy) 3-3-0
- *113.535 중국선진고전연구(Studies in Classics of Pre-Qin China) 3-3-0
- 113.536 도가철학연습(Seminar in Taoist Philosophy) 3-3-0
- *113.538 성리학연습(Seminar in Neo-Confucian Philosophy) 3-3-0
- 113.539 유가철학연구(Studies in Confucian Philosophy) 3-3-0
- *113.540 인도철학연구(Studies in Indian Philosophy) 3-3-0
- *113.541A 인도불교철학연습(Seminar in Indian Buddhist Philosophy) 3-3-0
- *113.605 중국근대철학연습(Seminar in Modern Chinese Philosophy) 3-3-0
- *113.608 한국성리학연습(Seminar in Korean Neo-Confucianism)

- 3-3-0
- *113.613A 동아시아불교철학연습(Seminar in East Asian Buddhist Philosophy) 3-3-0
- *113.617 한국불교철학연습(Seminar in Korean Buddhist Philosophy) 3-3-0
- 113.803 대학원논문연구(Reading and Research) 3-3-0

113B. 서양철학전공(Western Philosophy)

- *113.508 서양중세철학연습(Seminar in Medieval Western Philosophy) 3-3-0
- *113.509 철학사연습(Seminar in History of Philosophy) 1-1-0
- *113.514 역사철학연습(Seminar in Historical Philosophy) 3-3-0
- *113.542 비교철학연습(Seminar in Comparative Philosophy) 3-3-0
- *113.554 서양현대철학연습(Seminar in Contemporary Western Philosophy) 3-3-0
- *113.555 인식론연습(Seminar in Theory of Knowledge) 3-3-0
- *113.556 존재론연습(Seminar in Ontology) 3-3-0
- *113.557 형이상학연습(Seminar in Metaphysics) 3-3-0
- *113.559 윤리학연습(Seminar in Ethical Theory) 3-3-0
- *113.560 사회철학연습(Seminar in Social Philosophy) 3-3-0
- *113.562 논리철학연습(Seminar in Philosophy of Logic) 3-3-0
- *113.563 언어철학연습(Seminar in Philosophy of Language) 3-3-0
- *113.565A 과학철학연습(Seminar in Philosophy of Science) 3-3-0
- *113.572 문화철학연습(Seminar in Philosophy of Culture) 3-3-0
- 113.573 문화철학연구(Studies in Philosophy of Culture) 3-3-0
- *113.574A 철학적방법론연습(Seminar in Philosophical Methodology) 2-2-0
- *113.575 서양고대철학연습(Seminar in Ancient Western Philosophy) 3-3-0
- *113.576 서양근세철학연습(Seminar in Modern Western Philosophy) 3-3-0
- *113.577 심리철학연습(Seminar in Philosophy of Mind) 3-3-0
- 113.578 심리철학연구(Studies in Philosophy of Mind) 3-3-0
- *113.665 서양철학연습(Seminar in Western Philosophy) 1-1-0
- *113.666 서양철학연구(Studies in Western Philosophy) 2-2-0
- *113.751 서양고대철학연구(Studies in Ancient Western Philosophy) 3-3-0
- *113.753 서양근세철학연구(Studies in Modern Western Philosophy) 3-3-0
- *113.754 서양현대철학연구(Studies in Contemporary Western Philosophy) 3-3-0
- 113.755 인식론연구(Studies in Theory of Knowledge) 3-3-0
- 113.757 형이상학연구(Studies in Metaphysics) 3-3-0
- 113.759 윤리학연구(Studies in Ethical Theory) 3-3-0
- 113.764 언어철학연구(Studies in Philosophy of Language) 3-3-0
- 113.766 과학철학연구(Studies in Philosophy of Science) 3-3-0
- 113.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Philosophy)
학과내규로 인정하는 과목

교과목 이수규정
(Departmental Course Requirements)
타고, 타과에서 본과 석사과정에서 진학한 학생들은 철학과 학생지도위 원회가 개별 심사하여 부과하는 학부의 전공필수과목을 선수과목으로 이수하여야 하며, 선수과목 B⁰ 이상의 성적에 대하여 이수로 인정함.

114. 종교학과(Department of Religious Studies)

- 114.601 유대교연구(Studies in Jewish Tradition) 3-3-0
- 114.651A 종교학연습 1(Proseminar in the Science of Religion 1) 3-3-0
- 114.657 민족종교연구(Studies in Ethnic Religions) 3-3-0
- 114.658 샤머니즘연구(Studies in Shamanism) 3-3-0
- 114.665 종교와 사회연구(Studies in Religion and Society) 3-3-0
- *114.671 종교철학연습(Seminar in Philosophy of Religion) 3-3-0
- 114.681 교학연구(Studies in Buddhist Doctrines) 3-3-0
- *114.685 동양종교문헌연구(Studies in Eastern Religious Texts) 3-3-0
- *114.687 한국종교연구(Studies in Korean Religions) 3-3-0
- 114.689 한국불교연구(Studies in Buddhism in Korea) 3-3-0
- 114.690 한국기독교연구(Studies in Christianity in Korea) 3-3-0
- *114.692 기독교사상사연구(Studies in the History of Christian Thought) 3-3-0
- 114.693 도교사연구(Studies in the History of Taoism) 3-3-0
- 114.695 신화와 세계관연구(Studies in Myth and Worldview) 3-3-0
- 114.696 인도종교연구(Studies in Indian Religions) 3-3-0
- 114.699 유교경전연구(Studies in Confucian Classics) 3-3-0
- *114.701A 기독교경전연구(Studies in Christian Canons) 3-3-0
- *114.702 한국유교연구(Studies in Confucianism in Korea) 3-3-0
- *114.703 비교종교학연습(Seminar in the Comparative Study of Religions) 3-3-0
- *114.706 종교학고전연구(Studies in the Classics of Religious Studies) 3-3-0
- *114.707 서양종교문헌연구(Studies in Western Religious Texts) 3-3-0
- 114.708 불교사연습(Seminar in Buddhist History) 3-3-0
- *114.709 불교문헌연습(Seminar in Buddhist Classics) 3-3-0
- 114.711 종교의례연구(Studies in Religious Rituals) 3-3-0
- 114.712 현대종교변동연구(Studies in Transformation of Religion in Modern Society) 3-3-0
- 114.713 현대종교이론연구(Studies in Contemporary Theories of Religious Studies) 3-3-0
- *114.714 종교와 문화연습(Seminar in Religion and Culture) 3-3-0
- 114.715A 이슬람교연구(Studies in Islam) 3-3-0
- 114.716 한국종교학사연구(Studies in History of Religious Studies in Korea) 3-3-0
- *114.717A 종교현상학연습(Seminar in Phenomenology of Religion) 3-3-0
- *114.718 종교사연구(Studies in the History of Religion) 3-3-0
- 114.719 종교실태조사(Field Researches of Religion) 3-3-0
- *114.720 종교사상연구(Studies in Religious Thoughts) 3-3-0
- *114.721 한국종교문헌연구(Studies in Korean Religious Texts) 3-3-0
- 114.722 종교학연습 2(Proseminar in the Science of Religion 2) 3-3-0
- 114.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Religious Studies)

학과내규로 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

학과 내규에 따름

115. 미학과(Department of Aesthetics)

- 115.501 미학사연습 1(Seminar in History of Aesthetics 1) 3-3-0
- 115.504 현대미학연습 1(Seminar in Contemporary Aesthetics 1) 3-3-0
- *115.507 미술사론연습(Seminar in Theory of Art History) 3-3-0
- 115.509 음악사론연습(Seminar in Theory of Music History) 3-3-0
- 115.511 고대미학사상연구(Studies in Ancient Aesthetic Thoughts) 3-3-0
- *115.601 미학사연습 2(Seminar in History of Aesthetics 2) 3-3-0
- *115.603 현대미학연습 2(Seminar in Contemporary Aesthetics 2) 3-3-0
- 115.612 미술양식론연구(Studies in Theory of Style in Art) 3-3-0
- 115.613 미술비평사연구(Studies in History of Art Criticism) 3-3-0
- 115.615 음악사상사연구(Studies in History of Music Ideas) 3-3-0
- 115.617 음악비평사연구(Studies in History of Music Criticism) 3-3-0
- 115.623 예술철학연습 1(Seminar in Philosophy of Art 1) 3-3-0
- *115.624 예술철학연습 2(Seminar in Philosophy of Art 2) 3-3-0
- 115.626 예술학연습(Seminar in Science of Arts) 3-3-0
- 115.634 중국미학사연구 1(Studies in History of Chinese Aesthetics 1) 3-3-0
- 115.635 중국미학사연구 2(Studies in History of Chinese Aesthetics 2) 3-3-0
- *115.636 중국미학사상연습(Seminar in Chinese Aesthetic Thoughts) 3-3-0
- *115.637 중국예술론연습(Seminar in Theory of Chinese Arts) 3-3-0
- 115.638 현대미학연구 1(Studies in Modern Aesthetics 1) 3-3-0
- *115.639 현대미학연구 2(Studies in Modern Aesthetics 2) 3-3-0
- *115.640 예술철학연구(Studies in Philosophy of Art) 3-3-0
- *115.641 예술학연구(Studies in Science of Arts) 3-3-0
- 115.713 미술심리학연습(Seminar in Psychology of Art) 3-3-0
- 115.714 미술사회학연습(Seminar in Sociology of Art) 3-3-0
- 115.715 한국예술론연구 1(Studies in Theory of Korean Arts) 3-3-0
- *115.716 조형예술론연습(Seminar in Theory of Plastic Arts) 3-3-0
- *115.718 미술비평론연습(Seminar in Theory of Art Criticism) 3-3-0
- *115.719 음악미학연구(Studies in Aesthetics of Music) 3-3-0
- *115.720 음악비평론연습(Seminar in Theory of Music Criticism) 3-3-0
- *115.722 근대독일미학사상연구(Studies in Modern German Aesthetic Thoughts) 3-3-0
- 115.723 근대프랑스미학사상연구(Studies in Modern French Aesthetic Thoughts) 3-3-0
- 115.724 비평철학연구(Studies in Philosophy of Criticism) 3-3-0
- 115.729 음악사회학연습(Seminar in the Sociology of Music) 3-3-0
- 115.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Aesthetics)

학과내규로 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

전공선택 인정과목 이수허용 학점 수의 제한은 없으며, 대학원 과정의 모든 과목이수는 학과내규에 의거하여 지도교수의 수강지도를 받아야 함.

116. 고고미술사학과(Department of Archaeology and Art History)

116A. 고고학전공(Archaeology)

- *116.501A 고고학이론과 방법론(Theories and Methods in Archaeology) 3-3-0
- *116.541A 고고학논문작성연습(Writing Seminar in Archaeology) 3-3-0
- *116.542A 역사고고학연습(Seminar in Historical Archaeology) 3-3-0
- *116.549 석기론(Lithic Archaeology) 3-3-0
- *116.557 선사고고학연습 (Seminar in Prehistoric Archaeology) 3-3-0
- *116.558 고고학특강(Topics in Archaeology) 3-3-0
- *116.559A 고고학이론사(History of Archaeological Theory) 3-3-0
- *116.560 중국고고학(Archaeology of China) 3-3-0
- *116.561 일본고고학(Archaeology of Japan) 3-3-0
- *116.562 유럽고고학(Archaeology of Europe) 3-3-0
- *116.564 토기론(Pottery Analysis in Archaeology) 3-3-0
- *116.565 고분론(Archaeology of Burials) 3-3-0
- *116.566 동물고고학(Faunal Analysis in Archaeology) 3-3-0
- *116.567 식물고고학(Palaeoethnobotany) 3-3-0
- *116.568 지질고고학(Geoarchaeology) 3-3-0
- *116.569 계량고고학(Quantitative Methods in Archaeology) 3-3-0
- *116.570A 인골고고학연습(Seminar in Osteoarchaeology) 3-3-0
- *116.571 선사기술(Prehistoric Technology) 3-3-0
- *116.572 한국고고학사(History of Korean Archaeology) 3-3-0
- *116.573 지리정보체계와 고고학(Geographic Information Systems for Archaeologists) 3-3-0
- 116.803 대학원논문연구(Reading and Research) 3-3-0

116B. 미술사학전공(Art History)

- *116.604 한국조각사연구 (Studies in Korean Sculpture) 3-3-0
- *116.610 한국미술사연구(Studies in Korean Art) 3-3-0
- *116.629 한국회화사연구(Studies in Korean Painting) 3-3-0
- 116.631 한국공예사연구(Seminar in Korean Craft) 3-3-0
- *116.632 한국근현대미술연구(Studies in Modern and Contemporary Korean Art) 3-3-0
- *116.633 중국미술사연구(Studies in Chinese Art) 3-3-0
- 116.634 일본미술사특강(Topics in Japanese Art) 3-3-0
- 116.635 인도미술사특강(Topics in Indian Art) 3-3-0
- 116.637 중앙아시아미술특강(Topics in Central Asian Art) 3-3-0
- 116.638 동남아시아미술특강(Topics in Southeast Asian Art) 3-3-0
- *116.642 동양미술사연구(Studies in Asian Art) 3-3-0
- *116.645A 불교미술연구(Studies in Buddhist Art) 3-3-0

- *116.646A 미술사연구방법특강(Topics in Methodology of Art History) 3-3-0
- *116.657 바로크미술연습(Seminar in Baroque Art) 3-3-0
- 116.658 18세기서양미술연습(Seminar in 18th-Century European Art) 3-3-0
- *116.659 19세기서양미술연습(Studies in 19th-Century European Art) 3-3-0
- *116.660 20세기서양미술연습(Studies in 20th-Century Art of the West) 3-3-0
- 116.661 미국현대미술연습(Seminar in Contemporary American Art) 3-3-0
- *116.666 르네상스미술연습(Seminar in Renaissance Art) 3-3-0
- *116.667 서양중세미술연습(Seminar in Medieval Art of the West) 3-3-0
- 116.668 한국도자사연구(Seminar in Korean Ceramics) 3-3-0
- 116.669 사진사연구(Seminar in Photography) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Archaeology and Art History)

학과내규로 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

전공선택 인정과목의 이수허용 학점 수의 제한은 없으나, 모든 과목이수는 학과내규로 정한 과목 이수지침에 따라야 함.

1003. 아시아언어문명학부(Department of Asian Languages and Civilizations)

- M2641.000400 아시아 근대 문명 연구(Studies in Asian Modern Civilizations) 3-3-0
- M2641.000500 아시아 근대 사상 연습(Seminar in Modern Asian Thoughts) 3-3-0
- M2641.000600 아시아 고전의 근대적 해석(Modern Interpretations of Asian Classical Literature) 3-3-0
- M2641.000700 아시아 문학 연습(Seminar in Asian Literature) 3-3-0
- M2641.000800 아시아 근대문화와 예술 연구(Studies in Modern Asian Cultures and Arts) 3-3-0
- M2641.000900 아시아의 여성과 젠더(Women and Gender in Asia) 3-3-0
- M2641.001000 대학원논문연구(Dissertation Research) 3-3-0
- *M2641.001100 일본 문학 연습(Seminar in Japanese Literature) 3-3-0
- *M2641.001200 일본 문명 연습(Seminar in Japanese Civilization) 3-3-0
- *M2641.001300 인도 문학 연습(Seminar in Indian Literature) 3-3-0
- *M2641.001400 인도·동남아시아사 연습(Seminar in Indian and Southeast Asian History) 3-3-0
- *M2641.001500 동남아시아 문명 연습(Seminar in Southeast Asian Civilization) 3-3-0
- *M2641.001600 근대 이슬람 연습(Seminar in Modern Islam) 3-3-0
- *M2641.001700 서아시아 문명 연습(Seminar in West Asian Civilization) 3-3-0
- *M2641.001800 인도 문명 세미나(Seminar in Indian Civilization) 3-3-0

<사회과학대학 주관>

216. 정치외교학부(Department of Political Science and International Relations)

216A. 정치학전공(Political Science)

- 216A.507A 선거연구(Studies in Elections) 3-3-0
- 216A.512 북한정치연구(Studies in North Korean Politics) 3-3-0
- 216A.513 계량정치분석(Quantitative Political Analysis) 3-3-0
- 216A.514 비교정치연구(Comparative Politics) 3-3-0
- 216A.515 의회정치연습(Seminar in Parliamentary Politics) 3-3-0
- 216A.516A 거버넌스 연구(Studies in Governance) 3-3-0
- 216A.517 비교정치경제(Comparative Political Economy) 3-3-0
- 216A.518A 동아시아정치경제연구(Studies in Political Economy of East Asia) 3-3-0
- 216A.601 정치학방법론(Scope and Methods of Political Science) 3-3-0
- 216A.604A 중세서양정치사상(Medieval Western Political Thoughts) 3-3-0
- *216A.606A 동아시아정치사상연구(Studies in East Asian Political Thought) 3-3-0
- 216A.607 한국정치연구(Studies in Korean Politics) 3-3-0
- 216A.608A 비교정당론(Comparative Political Parties) 3-3-0
- 216A.609A 시민정치연구(Studies in Civil Society and New Politics) 3-3-0
- *216A.610 한국정치사상연구(Studies in Korean Political Thoughts) 3-3-0
- 216A.618 공공정책분석(Public Policy Analysis) 3-3-0
- 216A.619A 근대-탈근대국제관계(Modern and Postmodern International Relations) 3-3-0
- *216A.621 현대정치학특강(Topics in Contemporary Political Science) 3-3-0
- *216A.622 현대정치학연습(Seminar in Contemporary Political Science) 3-3-0
- *216A.623 한국정치학특강(Topics in Korean Politics) 3-3-0
- 216A.625 미국정치연구(Studies in American Politics) 3-3-0
- M1319.000900 유럽정치연구(Studies in Western European Politics) 3-3-0
- 216A.627 일본정치연구(Studies in Japanese Politics) 3-3-0
- 216A.628 중국정치연구(Studies in Chinese Politics) 3-3-0
- 216A.630 공공선택이론연습(Seminar in Public Choice Theories) 3-3-0
- 216A.631 고대서양정치사상(Ancient Western Political Thought) 3-3-0
- *216A.633 특수지역정치연구(Seminar in Area Studies : Government and Politics) 3-3-0
- *216A.634 국가론연구(Studies in State Theories) 3-3-0
- 216A.636 러시아정치연구(Russian Politics) 3-3-0
- 216A.638 근대서양정치사상(Modern Western Political Thought) 3-3-0
- 216A.702A 탈근대정치사상연구(Postmodern Political Thoughts) 3-3-0
- 216A.707 지구 시민사회와 거버넌스(Global Civil Society and Governance)
- *M1320.000100 정치사상 방법론 연구(Methods in Political Thought) 3-3-0
- M1320.000400 정치사회이론 II: 현대이론(Theories of Political Sociology II Modern Theories) 3-3-0
- M1320.000500 정치사회이론 I: 고전연구(Theories of Political Sociology I Classic Studies) 3-3-0
- M1320.000900 현대민주주의이론(Contemporary Democratic Theory) 3-3-0
- 216A.803 대학원논문연구(Reading and Research) 3-3-0

- *M1320.000800 정치철학연구(Topics in Political Philosophy) 3-3-0
- *M1320.001000 법과정치연구(Studies in Law and Politics) 3-3-0
- M1320.001500 중국과 글로벌 거버넌스(China and Global Governance) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Political Science)

인문대, 사회대, 법대, 사범대, 행정대학원, 국제대학원 소속 각 학과의 대학원 과정에서 제공하는 과목 중 정치학전공주임이 인정하는 경우 전공과목으로 인정받을 수 있다. 타학과 개설교과목의 전공인정은 오직 사전승인을 통해서만 이루어지며, 적어도 수강신청 기간 1주 이전에 수강하고자 하는 교과목의 강의계획서를 첨부하여 전공분야배정 신청서를 제출해야 한다.

교과목 이수규정

(Departmental Course Requirements)

석사과정 대학원생은 정치사상, 이론 및 방법론, 비교정치, 한국정치, 국제정치 다섯 분야 중 네 분야 이상을 선택하여 각 분야마다 한 과목 이상을 이수해야 한다. 박사과정 대학원생은 위 다섯 분야를 모두 선택하여 각 분야마다 두 과목 이상을 이수해야 한다(석사과정 이수 과목 포함). 전공필수과목, 타학교·타학부(과) 졸업생들의 과목 이수에 관한 구체적인 사항은 학부내규를 따른다.

216B. 외교학전공(International Relations)

- 216B.501A 국제정치학방법론 1(Research Methods in International Politics 1) 3-3-0
- 216B.502 국제정치학방법론 2(Research Methods in International Politics 2) 3-3-0
- *216B.503 국제관계사(History of International Relations) 3-3-0
- *216B.508A 국제정치경제연구(Studies in International Political Economy) 3-3-0
- *216B.510A 비교국제사회연구(Studies in Comparative International Society) 3-3-0
- *216B.512A 동북아국제관계론(Studies in Northeast Asian International Relations) 3-3-0
- 216B.513 연방주의비교연구(Studies in Comparative Federalism) 3-3-0
- *216B.602 국제정치이론연습(Seminar in the Theory of International Politics) 3-3-0
- 216B.603 국제정치방법론연습(Seminar in Research Methods in International Political Studies) 3-3-0
- *216B.608 국제기구연구(Studies in International Organizations) 3-3-0
- *216B.618 한국외교정책연구(Studies in Korean Foreign Policy) 3-3-0
- *216B.623A 전쟁과 평화연구(Studies in War and Peace) 3-3-0
- *216B.633A 국제문화연구(Culture and Ideology in International Relations) 3-3-0
- *216B.637A 유럽지역연구(Europe in World Politics) 3-3-0
- *216B.638 남북한관계연구(Studies in North-South Korean Relations) 3-3-0
- *216B.639A 국제정치사상연구(Studies in International Political Thoughts) 3-3-0
- *216B.640A 동아시아 국제정치사상 연구(Study on East Asian International Thought) 3-3-0
- *216B.654 탈근대세계정치연구(Studies in Postmodern World Politics) 3-3-0
- *216B.709B 정보세계정치연구(Studies in the global Politics of Information) 3-3-0
- *216B.714 미국지역연구(America in World Politics) 3-3-0
- 216B.715 중국지역연구(China in World Politics) 3-3-0
- *216B.716 일본지역연구(Japan in World Politics) 3-3-0
- *216B.719B 지역학과 국제정치이론(Area Studies and Theory of

- International Politics) 3-3-0
- 216B.720 안보정책연구(Studies in National Security Policy) 3-3-0
- *216B.731 중국외교정책연구(Studies in Chinese Foreign Policy) 3-3-0
- *216B.733 러시아·유라시아지역연구(Russia and Eurasia in World Politics) 3-3-0
- *216B.734 환경·에너지의 국제정치(Energy and Environment in World Politics) 3-3-0
- 216B.736 금융과 발전의 국제정치경제(International Political Economy of Finance and Development) 3-3-0
- 216B.803 대학원논문연구(Dissertation Research) 3-3-0
- *M1321.000600 현대국제정치사상연구(Studies in Contemporary International Political Thought) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of International Relations)

인문사회계(법대, 국제대학원 포함) 각 학과/대학원에서 개설되는 과목 중 학부 외교학전공주임이 인정하는 과목.

교과목 이수규정

(Departmental Course Requirements)

해당사항 없음.

212. 경제학부(Department of Economics)

- 212.501 미시경제학연구(Studies in Microeconomics) 3-3-0
- 212.502 거시경제학연구(Studies in Macroeconomics) 3-3-0
- 212.503 경제통계학연구(Studies in Statistics for Economists) 3-3-0
- 212.604 화폐금융론연구(Studies in the Theory of Money and Finance) 3-3-0
- *212.612 노동경제학연구(Studies in Labour Economics) 3-3-0
- 212.623 한국경제사연구(Studies in Korean Economic History) 3-3-0
- 212.630 공공경제학연구(Studies in Public Economics) 3-3-0
- 212.652 국제무역론연구(Studies in International Trade) 3-3-0
- 212.654 국제금융론연구(Studies in International Monetary Economics) 3-3-0
- *212.656 경제성장론연구(Studies in Economic Growth) 3-3-0
- *212.657 산업조직론연구(Studies in Industrial Organization) 3-3-0
- 212.661 응용거시경제학연구(Studies in Applied Macroeconomics) 3-3-0
- *212.664 고급계량경제학연구(Advanced Studies in Econometrics) 3-3-0
- 212.666 고급노동경제학연구(Advanced Studies in Labor Economics) 3-3-0
- 212.669 고급산업조직론연구(Advanced Studies in Industrial Organization) 3-3-0
- 212.672 기술 및 발전경제학연구(Studies in Technology and Development Economics) 3-3-0
- 212.675 국제경제론연구(Studies in International Economics) 3-3-0
- 212.678 경제학방법론연구(Studies in Methodology of Economics) 3-3-0
- 212.680 비교경제사연구(Studies in Comparative Economic History) 3-3-0
- 212.683 공공정책연구(Analysis of Public Policies) 3-3-0
- 212.684 응용미시경제학연구(Topics in Applied Microeconomics) 3-3-0
- *212.685 경제사 분야별 연구(Topics in Economic Theory) 3-3-0
- *212.686 고급경제이론연구(Advanced Economic Theory) 3-3-0

- 212.701 고급미시경제학연구(Advanced Microeconomics) 3-3-0
- 212.702 고급거시경제학연구(Advanced Macroeconomics) 3-3-0
- 212.703 계량경제학연구(Studies in Econometrics) 3-3-0
- *212.704 미시경제학특수연구(Topics in Microeconomics) 3-3-0
- *212.705 거시경제학특수연구(Topics in Macroeconomics) 3-3-0
- *212.707 계량경제학특수연구(Topics in Econometrics) 3-3-0
- *212.709 화폐금융론특수연구(Topics in Money and Finance) 3-3-0
- 212.733 국제금융론특수연구(Topics in International Monetary Economics) 3-3-0
- 212.734 공공경제학특수연구(Topics in Public Economics) 3-3-0
- 212.741 산업조직론특수연구(Topics in Industrial Organization) 3-3-0
- 212.748 인구와 경제연구(Studies in Population and Economy) 3-3-0
- 212.754 금융경제학연구(Studies in Financial Economics) 3-3-0
- 212.755 금융경제학특수연구(Topics in Financial Economics) 3-3-0
- 212.756 응용금융경제학연구(Studies in Applied Financial Economics) 3-3-0
- 212.758 수리금융경제학연구(Studies in Mathematical Financial Economics) 3-3-0
- *212.759 수리금융경제학특수연구(Topics in Mathematical Financial Economics) 3-3-0
- 212.761 계산경제학연구(Studies in Computational Economics) 3-3-0
- 212.762 이행기경제와 경제체제론연구(Studies in Transition Economics and Economic Systems) 3-3-0
- *212.763 응용계량경제학연구(Studies in Applied Econometrics) 3-3-0
- 212.764 실증적산업조직론특수연구(Topics in Empirical Industrial Organization) 3-3-0
- 212.766 시계열분석특수연구(Advanced Topics in Econometrics Time Series Analysis) 3-3-0
- 212.803 대학원논문연구(Reading and Research) 3-3-0
- M1314.000300 행동경제학연구(Studies in Behavioral Economics) 3-3-0
- M1314.000700 개발경제학연구(Topics in Development Economics) 3-3-0
- M1314.001300 실험경제학연구(Topics in Experimental Economics) 3-3-0
- *M1314.001800 비교경제연구세미나(Seminar on Comparative Economic Studies) 3-3-0
- M1314.002300 거시금융경제학연구(Studies in Macro Financial Economics) 3-3-0
- *M1314.002400 거시경제학 최근 동향(Recent Trends in Macroeconomics) 3-3-0
- M1314.00300 교육경제학의 이론과 실증(Theory and Evidence of Education) 3-3-0
- M1314.003300 기업조직, 혁신 및 경제성장 비교연구(Studies on Innovation, corporate organization and economic growth) 3-3-0
- 212.767 동태적경제학연구(Studies in Dynamic Economics) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Economics)

학부장이 승인하는 과목을 전공선택으로 인정함.

교과목 이수규정
(Departmental Course Requirements)
학부의 내규에 따름.

205. 사회학과(Department of Sociology)

- 205.505 계량분석(Seminar on Quantitative Analysis) 3-3-0
- 205.542A 종교사회학세미나(Seminar on Sociology of Religion) 3-3-0
- 205.606B 세계화와 사회발전연구(Studies in Globalization and Social Development) 3-3-0
- 205.614C 가족과 생애 세미나(Seminar on Family and Life Course) 3-3-0
- 205.617A 사회사연구세미나(Seminar on Social History) 3-3-0
- 205.641A 사회사상사세미나(Seminar on the History of Social Thoughts) 3-3-0
- 205.645A 도시사회학세미나(Seminar in Urban Societies) 3-3-0
- *205.648A 성과 사회 세미나(Seminar on Gender and Society) 3-3-0
- 205.649 환경사회학연구(Seminar on Environment and Society) 3-3-0
- 205.663 사회조직론연구(Studies in Social Organization) 3-3-0
- *205.666 사회학특수연구(Special Research in Sociology) 3-3-0
- 205.668A 다문화와 사회통합 세미나(Seminar on Social Integration and Multiculturalism) 3-3-0
- 205.714 사회학이론연구(Topics in Sociological Theories) 3-3-0
- *205.730A 사회학이론구성세미나(Seminar in Sociological Theory Construction) 3-3-0
- 205.733A 공동체와 아이덴티티 세미나(Seminar on Community and Identity) 3-3-0
- 205.742A 경제사회학세미나(Seminar on Economic Sociology) 3-3-0
- *205.745A 세계지역사회학세미나(Seminar in Area Studies) 3-3-0
- 205.752 문화사회학연구(Studies in Sociology of Culture) 3-3-0
- 205.759 사회계층연구(Studies in Social Stratification) 3-3-0
- 205.761 과학기술사회학연구(Seminar on Sociology of Science and Technology) 3-3-0
- 205.762A 지식사회학세미나(Seminar on Knowledge Society) 3-3-0
- *205.764 사회학방법론연습(Research Practicum in Sociological Methodology) 3-3-0
- 205.766 사회연결망분석세미나(Seminar on Social Network Analysis) 3-2-2
- 205.767B 정치사회학연구(Seminar on Political Sociology) 3-3-0
- 205.768A 인권사회학세미나(Seminar on Sociology of Human Rights) 3-3-0
- 205.776A 빈곤과 불평등 세미나(Seminar on Poverty and Inequality) 3-3-0
- 205.803 대학원논문연구(Reading and Research) 3-3-0
- M1304.000100 사회변동론세미나(Seminar on Social Change) 3-3-0
- M1304.001400 사회발전세미나(Seminar on Social Development) 3-3-0
- M1304.001500 전환기 노동과 고용 세미나(Labor and Employment in the Context of Social Transformation) 3-3-0
- M1304.001700 인구 및 생애 분석방법 세미나(Method of Population and Life Course Analysis) 3-3-0
- M1304.001800 형벌과 사회통제 세미나(Punishment and Social Control) 3-3-0

- M1304.001900 인구사회학 세미나(Seminar on Population Sociology) 3-3-0
- M1304.002000 인지사회학 세미나(Seminar on Cognitive Sociology) 3-3-0
- M1304.002100 생명사회학 세미나(Seminar on Bio-Sociology) 3-3-0
- M1304.002300 공간사회학 세미나(Seminar on Sociology of Space) 3-3-0
- M1304.002500 미래연구 세미나(Seminar of Future Studies) 3-3-0
- M1304.002700 사회정책과 시민권 세미나(Seminar on Social Policy and Citizenship) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Sociology)
인문사회계 각 학과에서 개설되는 과목 중 학과장이 인정하는 과목

교과목 이수규정
(Departmental Course Requirements)
학과내규에 의함.

206. 인류학과(Department of Anthropology)

- 206.513B 민속학연구(Studies in Folklore) 3-3-0
- 206.514A 박물관과 인류학(Museum and Anthropology) 3-3-0
- 206.602 언어인류학(Linguistic Anthropology) 3-3-0
- 206.603A 생태사와 자원인류학(Ecohistory and Anthropology of Resource) 3-3-0
- 206.604 심리인류학(Psychological Anthropology) 3-3-0
- 206.606 경제인류학(Economic Anthropology) 3-3-0
- 206.623 인지인류학(Cognitive Anthropology) 3-3-0
- 206.624 사회언어학(Sociolinguistics) 3-3-0
- 206.628 한국문화연구(Studies in Korean Culture) 3-3-0
- 206.630A 인류학과 식민주의(Anthropology and Colonialism) 3-3-0
- 206.633 정치인류학(Political Anthropology) 3-3-0
- 206.635A 역사인류학(Historical Anthropology) 3-3-0
- 206.636 도시인류학(Urban Anthropology) 3-3-0
- 206.639C 생물인류학연구 및 실습(Studies in Biological Anthropology and Lab) 3-3-0
- 206.640A 중국의 사회와 문화연구(Studies in Chinese Society and Culture) 3-3-0
- 206.641 일본문화연구(Anthropology of Japan) 3-3-0
- 206.642 동남아문화연구(Anthropology of Southeast Asia) 3-3-0
- 206.646 유럽문화연구(Anthropology of Europe) 3-3-0
- 206.650 의료인류학(Medical Anthropology) 3-3-0
- 206.803 대학원논문연구(Reading and Research) 3-3-0
- *206.804 인류학이론사(History of Anthropological Theory) 3-3-0
- 206.806 음식의 인류학(Anthropology of Food) 3-3-0
- 206.809 성의 인류학(Anthropology of Gender) 3-3-0
- 206.810 사회분화론(Social Differentiation) 3-3-0
- 206.811B 스포츠와 여가의 인류학(Anthropology of Sport and Leisure) 3-3-0
- 206.813C 종교인류학연구(Studies in Anthropology of Religion) 3-3-0
- 206.814A 러시아 문화 연구(Anthropology of Russia) 3-3-0
- 206.817 교육의 인류학(Anthropology of Education) 3-3-0
- 206.818A 인류진화심리연구(Studies in Evolution and Human Behavior) 3-3-0
- 206.819 전쟁과 인류학(Anthropology and War) 3-3-0
- 206.820 초국가적 이주와 디아스포라(Transnational Migration and Diaspora) 3-3-0
- 206.823 한국의 언어문화(Linguaculture of Korea) 3-3-0

206.824A	자아, 몸, 퍼포먼스(Self, Body, and Performance) 3-3-0	3-3-0
206.825	언어와 젠더(Language and Gender) 3-3-0	207.516
206.826	문화와 언어예술(Culture and Verbal Art) 3-3-0	고급발달심리학(Advanced Developmental Psychology) 3-3-0
206.827	과학기술의 인류학(Anthropology of Science and Technology) 3-3-0	207.519A
206.829	한국민속연구(Studies in Korean Folk Culture) 3-3-0	심리평가(Psychological Assessment) 3-3-0
M1307.000100	인류학 특강(Topics in Anthropology) 3-3-0	207.520B
M1307.000200	가족과 친족의 인류학(Anthropology of Family and Kinship) 3-3-0	정신병리학세미나(Seminar in Psychopathology) 3-3-0
M1307.000300	미국사회와 포스트모더니티(Seminar on American Culture and Society) 3-3-0	207.522A
M1307.000600	에스노그래피 방법론(Ethnographic Methods and Methodology) 3-3-0	심리치료와 고급상담이론(Theories of Psychotherapy and Advanced Counseling) 3-3-0
M1307.000800	논문설계 세미나(Designing Anthropological Research and Writing) 3-3-0	207.529
M1307.000900	인류학 글쓰기(Writing in Anthropology) 3-3-0	고급생물심리학(Advanced Biopsychology) 3-3-0
M1307.001300	매체와 매개의 인류학(Anthropology of Mediation) 3-3-0	*207.532
M1307.001400	윤리의 인류학(Anthropology of Ethics) 3-3-0	고급조직심리학(Advanced Organizational Psychology) 3-3-0
M1307.002000	이슬람의 인류학(Anthropology of Islam) 3-3-0	207.535
M1307.002100	기업문화와 전지구화(Corporate Culture and Globalization) 3-3-0	다변량분석법(Multivariate Analysis) 3-3-0
M1307.002200	시각문화와 시각성의 인류학(Anthropology of the visual) 3-3-0	207.539A
M1307.002300	가족과 친족 연구(Anthropology of Family and Kinship) 3-3-0	긍정사회심리학(Positive Social Psychology) 3-3-0
M1307.002700	국가, 민족, 민족주의(State, Nation, and Nationalism) 3-3-0	207.544A
M1307.002800	진화인류학연구방법론(Evolutionary Anthropological Methodologies) 3-3-0	고급임상신경심리학(Advanced Clinical Neuropsychology) 3-3-0
M1307.003100	화폐와 금융의 인류학(Anthropology of Money and Finance) 3-3-0	207.546
M1307.003300	포퓰리즘의 인류학(Anthropology of Populism) 3-3-0	고급인지심리학(Advanced Cognitive Psychology) 3-3-0
M1307.003500	문화유산과 문화정책의 인류학(Anthropology of Cultural Heritage and Cultural Policy) 3-3-0	*207.547
M1307.003800	디지털 민족지학(Digital Ethnography) 3-3-0	실험심리세미나(Seminar in Experimental Psychology) 3-3-0
M1307.003900	우연과 불확실성의 인류학(Anthropology of Uncertainty and Contingency) 3-3-0	*207.548
		실험심리방법론세미나(Seminar in Methodology on Experimental Psychology) 3-3-0
		*207.551
		계량심리학세미나(Seminar in Quantitative Psychology) 3-3-0
		207.552
		정신병리학 : 신경과학적 접근(Psychopathology : A Neuroscience Approach) 3-3-0
		207.553
		인지노화와 치매(Cognitive Aging and Dementias) 3-3-0
		207.554
		긍정 임상심리학 세미나(Seminar on Positive Clinical Psychology) 3-3-0
		*207.711A
		성격연구세미나(Seminar in Personality Studies) 3-3-0
		207.718A
		고급응용발달심리학(Advanced Applied Developmental Psychology) 3-3-0
		207.721B
		인지치료(Cognitive Therapy) 3-3-0
		207.722C
		임상 및 상담 현장실습(Practicum in Clinical and Counseling Psychology) 3-3-0
		207.723
		집단상담 및 치료(Group Psychotherapy) 3-3-0
		207.725
		치료적면접 및 실습(Therapeutic Interviews) 3-3-0
		207.733
		생물심리학세미나(Seminar in Biopsychology) 3-3-0
		*207.737
		고급조직개발론(Advanced Organization Development) 3-3-0
		*207.741
		발달심리학세미나(Seminar in Developmental Psychology) 3-3-0
		207.742
		고급학습 및 기억의 심리학(Advanced Psychology of Learning and Memory) 3-3-0
		207.743
		사회심리학의 주요 문제(Main Topics in Social Psychology) 3-3-0
		207.803
		대학원논문연구(Reading and Research) 3-3-0
		M1308.000400
		고급 주의와 수행 세미나(Advanced Seminar in Attention and Performance) 3-3-0
		M1308.000500
		정서과학(Affective Science) 3-3-0
		M1308.000700
		조직심리학의 최근 연구주제들(New Research Topics in Organizational Psychology) 3-3-0
		M1308.000800
		긍정조직심리학(Positive Organizational Psychology) 3-3-0
		M1308.001100
		응용심리학세미나(Seminar in Applied Psychology) 3-3-0
		M1308.001500
		실험정신병리학(Experimental Psychopathology)

전공선택 인정과목

(Credited as Major Elective for Dept. of Anthropology)

학과장이 인정하는 전 과목

교과목 이수규정

(Departmental Course Requirements)

- ① 석·박사과정은 각 졸업이수학점 중 1/2 이상을 본과개설과목으로 이수해야 함.(논문연구학점은 포함되지 않음)
- ② 「인류학이론사」를 필수과목으로 함.

207. 심리학과(Department of Psychology)

207.501	고급심리통계(Advanced Psychological Statistics) 3-3-0
207.507	고급사회심리학(Advanced Social Psychology) 3-3-0
207.509	고급성격심리학(Advanced Psychology of Personality) 3-3-0
207.511B	정신병리학(Psychopathology) 3-3-0
207.512	고급지각심리학(Advanced Psychology of Perception) 3-3-0
207.513	지각심리방법론(Research Methods in Psychology of Perception) 3-3-0
207.514	고급언어심리학(Advanced Psychology of Language)

전공선택 인정과목

(Credited as Major Elective for Dept. of Psychology)

철학과, 언어학과, 경영학과, 정치학과, 사회학과, 인류학과, 산업공학과, 전기컴퓨터공학부, 통계학과, 생명과학부, 의학과 대학원과정 과목 중 학과장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

대학원과정 각 전공별 이수과목 및 학점은 대학원 이수 지침에 따른다.

208. 지리학과(Department of Geography)

- *208.504 한국지리연구(Studies in Geography of Korea) 3-3-0
- *208.505A 도시지역정책연구(Studies in Urban and Regional Policy) 3-3-0
- *208.507 계량지리학연습(Quantitative Geography) 3-2-2
- *208.514A 기후환경변화세미나(Seminar in Global Climate and Environmental Change) 3-3-0
- 208.515A 공간사상사세미나(Seminar in the History of Spatial Thoughts) 3-3-0
- *208.516 지역연구방법론(Methodological Issues in Regional Studies) 3-3-0
- 208.522 원격탐사세미나(Seminar in Remote Sensing) 3-3-0
- 208.523 지도학세미나(Seminar in Cartography) 3-3-0
- *208.524A 지리정보과학세미나(Seminars in Geographic Information Science) 3-3-0
- 208.525A 보건지리학세미나(Seminar in Geography of Health) 3-3-0
- 208.526 환경정보시스템(Environmental Information Systems) 3-3-0
- *208.530 자연지리학세미나(Seminar in Physical Geography) 3-3-0
- *208.531 지형학세미나(Seminar in Geomorphology) 3-3-0
- 208.532 하천유역관리(Watershed Management) 3-3-0
- *208.533 환경지리학(Environmental Geography) 3-3-0
- *208.540 경제지리학세미나(Seminar in Economic Geography) 3-3-0
- 208.541A 공간최적화세미나(Seminar in Spatial Optimization) 3-3-0
- 208.542 기업지리학(Corporate Geography) 3-3-0
- 208.543B 토지주택론연구(Studies in Land Use and Housing) 3-3-0
- 208.544 도시경제지리학(Urban Economic Geography) 3-3-0
- 208.545A 젠더다문화지리학세미나(The Geography of Gender and Multiculturalism) 3-3-0
- 208.546 도시지리학세미나(Seminar in Urban Geography) 3-3-0
- *208.548 문화지리학세미나(Seminar in Cultural Geography) 3-3-0
- 208.549 사회지리학세미나(Seminar in Social Geography) 3-3-0
- 208.550 세계도시론(Studies in Global Cities) 3-3-0
- 208.551 역사지리학세미나(Seminar in Historical Geography) 3-3-0
- 208.552A 생물지리학세미나(Seminar in Biogeography) 3-3-0
- 208.553 인구지리학세미나(Seminar in Population Geography) 3-3-0
- *208.554A 교통과 정보통신지리학 세미나(Seminar in Geographies of Transportation, Information and Communication Technology) 3-3-0
- 208.555 정치지리학세미나(Seminar in Political Geography) 3-3-0
- 208.572B 아시아지역연구세미나(Seminar in Asian Regional Geography) 3-3-0
- *208.581A 개발도상국발전문제연구(Studies in Geographies of Developing Areas) 3-3-0
- 208.582 장소마케팅세미나(Seminar in Place Marketing) 3-3-0
- 208.583A 지정학과 공간정치경제 세미나(Seminar in Geopolitics and Political Economy of Space) 3-3-0
- 208.584 지표시스템분석론(Analytical Methods for Earth Surface

- Systems) 3-3-0
- 208.614 제4기환경론(Studies in Quaternary Environment) 3-3-0
- *208.627A 경영지리학연구(Studies in Business Geography) 3-3-0
- *208.717 입지론연구(Studies in Location Theory) 3-3-0
- 208.803 대학원논문연구(Reading and Research) 3-3-0
- M0000.021800 중국지리세미나(Seminar in Geography of China) 3-3-0
- M1310.000600 공간 빅데이터와 머신러닝(Spatial Big Data Analysis based on Machine Learning) 3-3-0
- M1310.000700 스마트도시연구 세미나(Seminar of Smart Cities) 3-3-0
- M1310.001300 정치생태학 세미나(Seminar in Political Ecology) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Geography)

지도교수 및 학과장이 인정하는 서울대학교 전 과목

교과목 이수규정

(Departmental Course Requirements)

학과내규에 의함.

209. 사회복지학과(Department of Social Welfare)

- 209.538A 사회복지통계 1(Social Welfare Statistics 1) 3-3-0
- 209.547A 고급사회복지실습 1(Advanced Field Work in Social Welfare 1) 3-2-2
- 209.550 사회복지통계 2(Social Welfare Statistics 2) 3-3-0
- 209.561A 사회복지경제학(Economics of Social Welfare) 3-3-0
- 209.613B 사회복지실천이론(Social Psychology and Social Welfare) 3-3-0
- *209.703A 사회복지정책특강(Topics in Social Welfare Policy) 3-3-0
- *209.720 고급사회조사자료분석론(Advanced Social Research Data Analysis) 3-3-0
- 209.734 사회복지 프로그램 평가와 분석(Evaluation and Analysis of Social Service Programs) 3-3-0
- *209.735 고급사회복지서비스특강(Advanced Topics in Social Welfare Service) 3-3-0
- *209.736 임상사회복지분야론(Studies in Social Work Fields) 3-3-0
- *209.741 사회복지정책세미나(Seminar in Social Welfare Policy) 3-3-0
- 209.742 사회복지실천분석론(Analysis of Social Work Practice) 3-3-0
- *209.752 고급사회복지정책특강(Advanced Topics in Social Welfare Policy) 3-3-0
- 209.753 노인복지세미나(Graduate Seminar on Aging and Social Welfare) 3-3-0
- 209.754 정신보건사회사업세미나(Seminar on Psychiatric Social Work) 3-3-0
- 209.758 생태주의 복지론(Theories of Ecological Welfare) 3-3-0
- 209.759 인간발달과 사회복지 : 이론적 고찰(Theories of Human Development in Social Work) 3-3-0
- 209.803 대학원논문연구(Reading and Research) 3-3-0
- M1311.000400 빈곤과 불평등, 사회정책(Poverty, Inequality and Social Policy) 3-3-0
- M1311.000500 청소년 부적응과 보호(Adolescent Risk and Response) 3-3-0
- M1311.000600 사회복지질적연구(Qualitative Research in Social Welfare) 3-3-0
- M1311.000900 인구고령화와 사회복지정책(Seminar on Social

Welfare Policies in Response to Population Aging) 3-3-0
 M1311.001000 다문화 아동 청소년의 이해(Multicultural Children and Adolescents) 3-3-0
 M1311.001100 사회복지실천기술세미나(Seminar on Social Work Practice Methods) 3-3-0
 M1311.001200 의료사회복지세미나(Seminar on health and social work) 3-3-0
 M1311.001300 장애인복지연구(Social Welfare Study of Disability) 3-3-0
 *M1311.001700 청소년복지세미나(Seminar on Adolescent Welfare) 3-3-0
 M1311.001800 고급사회복지조사론(Advanced Research Methods in Social Welfare) 3-3-0
 M1311.001900 복지국가와 사회보장(Welfare State and Social Welfare) 3-3-0
 M1311.002000 비교사회정책 연구방법론(Comparative Social Policy and Methodology) 3-3-0
 M1311.002100 사회정책 분석 및 평가(Social Policy Analysis and Evaluation) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Social Welfare)
학과내규에 의함.

교과목 이수규정
(Departmental Course Requirements)
학과내규에 의함.

211. 언론정보학과(Department of Communication)

211.505 커뮤니케이션이론연구(Theories of Communication) 3-3-0
 211.603 커뮤니케이션연구방법론(Research Methods of Communication) 3-3-0
 211.615 비판커뮤니케이션이론연구(Critical Theories of Communication) 3-3-0
 211.630 커뮤니케이션이론특강(Topics in Communication Theories) 3-3-0
 211.632 설득커뮤니케이션이론(Theories of Persuasive Communication) 3-3-0
 211.639C 미디어 산업 및 정책 세미나(Media Industry and Policy Seminar) 3-3-0
 211.645A 커뮤니케이션 연구세미나(Seminar in Communication Studies) 3-3-0
 211.646 미디어문화연구(Studies in Mass Communication Culture) 3-3-0
 211.647 고급커뮤니케이션통계방법(Statistical Methods in Communication Research) 3-3-0
 211.648A 기호학담론분석방법론(Semiotic and Discourse Analysis) 3-3-0
 211.651 정치커뮤니케이션연구(Studies in Political Communication) 3-3-0
 211.655 저널리즘연구(Studies in Journalism) 3-3-0
 211.657 커뮤니케이션정책론(Communication Policy) 3-3-0
 211.658A 질적연구방법론(Qualitative Research Methods) 3-3-0
 211.659 컴퓨터 매개 커뮤니케이션 연구(Studies in Computer-Mediated Communication) 3-3-0
 211.661 문화콘텐츠와 커뮤니케이션(Understanding the Market for Information, Communication, and Entertainment) 3-3-0
 211.665 미디어연구세미나(Communication Research Seminar)

3-3-0
 211.668 커뮤니케이션 철학과 사상(Classical Literature of Philosophies and Thoughts of Communication) 3-3-0
 211.669 문화연구와 영상방법론(Cultural Studies and Visual Methods) 3-3-0
 211.670 선거 캠페인(Election Campaign) 3-3-0
 211.671 네트워크 미디어와 인간관계(Personal Connections in the Networked Media) 3-3-0
 211.706 영상커뮤니케이션연구(Studies in Visual Communication) 3-3-0
 211.708 뉴미디어연구(Studies in New Communication Technologies) 3-3-0
 211.714 커뮤니케이션연구방법론연습(Seminar in Communication Research Methods) 3-3-0
 211.715 동아시아미디어론(Studies in East Asian Media) 3-3-0
 211.717 디지털문화(Digital Culture) 3-3-0
 211.720 레토릭과 민주주의(Rhetoric and Democracy) 3-3-0
 211.721 미디어와 민주주의 연구(Studies in the Media and Democracy) 3-3-0
 211.722 미디어와 수용자연구(Studies in the Media and Audience) 3-3-0
 211.724A 정보 비주얼라이제이션(Information Visualization) 3-3-0
 211.725A 소셜 네트워크 데이터마닝과 분석(Social Network Data Mining and Analysis) 3-3-0
 M0000.019700 커뮤니케이션 능력과 미디어 리터러시(Youths' media use & media literacy) 3-3-0
 M1312.000100 HCI 연구방법론(HCI Research Methods) 3-3-0
 M1312.001300 헬스커뮤니케이션 이론과 실제(Health Communication in Mediated and Interpersonal Contexts) 3-3-0
 M1312.001900 미디어 사회 이론(Social Theory of Media) 3-3-0
 M1312.002100 국정 커뮤니케이션(Government Communication) 3-3-0
 M1312.002400 커뮤니케이션과 문학(Communication and Literature) 3-3-0
 M1312.002500 미디어 공정성 연구(Media Impartiality) 3-3-0
 M1312.002600 커뮤니케이션 네트워크와 공동체(Communication Networks and Community) 3-3-0
 M1312.002700 메시지 효과(Message Effects) 3-3-0
 M1312.003500 AI와 커뮤니케이션(AI and Communication) 3-3-0
 M1312.003600 대인 소통 이론 연구(Theories of Interpersonal Communication) 3-3-0
 M0.003500 과학커뮤니케이션(Science Communication) 3-3-0
 M0.003600 커뮤니케이션 실시간 행동 연구 방법론(Real-Time Behavioral Research Methods in Communication) 3-3-0
 M0.003700 갈등과 소통(Conflicts and Communication) 3-3-0
 211.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Communication)
학과내규에 의함.

교과목 이수규정
(Departmental Course Requirements)
학과내규에 의함.

<자연과학대학 주관>

300. 공통과목(Extrdepartmental Courses)

- 300.505A 고급수용액화학(Advanced Aquatic Chemistry) 3-3-0
- *300.507A 해수분석 및 실험특강(Topics on Seawater Analysis and Lab.) 3-1-4
- 300.509 고급유기물분광분석(Advanced Spectroscopic Analysis of Organic Compounds) 3-3-0
- *300.510 지구환경과학특강 1(Topics in Earth and Environmental Sciences 1) 3-3-0

3341. 수리과학부(Department of Mathematical Sciences)

- 3341.501 대수학 1(Algebra 1) 3-3-0
- 3341.502 대수학 2(Algebra 2) 3-3-0
- 3341.503 실해석학(Real Analysis) 3-3-0
- 3341.504 복소해석학(Complex Analysis) 3-3-0
- 3341.505 미분다양체론(Differentiable Manifolds) 3-3-0
- 3341.601 가환대수(Commutative Algebra) 3-3-0
- 3341.603 함수해석학 1(Functional Analysis 1) 3-3-0
- 3341.604 함수해석학 2(Functional Analysis 2) 3-3-0
- 3341.605 미분기하학 1(Differential Geometry 1) 3-3-0
- 3341.606 미분기하학 2(Differential Geometry 2) 3-3-0
- 3341.607 대수적위상수학 1(Algebraic Topology 1) 3-3-0
- 3341.608 대수적위상수학 2(Algebraic Topology 2) 3-3-0
- 3341.611 대수적정수론(Algebraic Number Theory) 3-3-0
- 3341.612 리대수(Lie Algebra) 3-3-0
- 3341.613 대수기하학(Algebraic Geometry) 3-3-0
- 3341.621 작용소대수(Operator Algebra) 3-3-0
- 3341.622 다변수복소해석학(Analytic Function of Several Variables) 3-3-0
- 3341.625 조화해석학(Harmonic Analysis) 3-3-0
- 3341.626 수치해석학(Numerical Analysis) 3-3-0
- 3341.631 리군론(Lie Groups) 3-3-0
- 3341.633 복소다양체론(Theory of Complex Manifolds) 3-3-0
- 3341.635 편미분방정식론 1(Theory of Partial Differential Equations 1) 3-3-0
- 3341.636 편미분방정식론 2(Theory of Partial Differential Equations 2) 3-3-0
- 3341.651 호몰로지 방법론(Methods of Homological Algebra) 3-3-0
- 3341.641 미분위상수학(Differential Topology) 3-3-0
- 3341.642 기하위상수학(Geometric Topology) 3-3-0
- *3341.714 대수기하학특강(Topics in Algebraic Geometry) 3-3-0
- *3341.715 대수학특강(Topics in Algebra) 3-3-0
- *3341.721A 해석학특강(Topics in Analysis) 3-3-0
- *3341.724 수치해석특강(Topics in Numerical Analysis) 3-3-0
- *3341.731A 기하학특강(Topics in Geometry) 3-3-0
- *3341.741A 위상수학특강(Topics in Topology) 3-3-0
- *3341.751 응용수학특강(Topics in Applied Mathematics) 3-3-0
- 3341.752 계산수론(Computational Number Theory) 3-3-0
- *3341.753 수리확률론특강(Topics in Mathematical Methods of Probability) 3-3-0
- 3341.781 미적분학연습교과세미나(Calculus TA Seminar) 1-0-2
- M1407.000200 수리과학의 이해 1(Understanding Mathematical Sciences 1) 1-1-0
- M1407.000300 수리과학의 이해 2(Understanding Mathematical Sciences 2) 1-1-0

- M1407.000400 수학적 알고리즘 1(Mathematical algorithms I) 3-2-2
- M1407.000500 수학적 알고리즘 2(Mathematical algorithms II) 3-2-2
- M1407.001300 수리확률과정론(Mathematical theory in Stochastic Processes) 3-3-0
- *M1407.001500 해석학 특수 연구(Special Studies in Analysis) 3-0-6
- *M1407.001600 대수학 특수 연구(Special Studies in Algebra) 3-0-6
- *M1407.001700 기하학 및 위상학 특수 연구(Special Studies in Geometry and Topology) 3-0-6
- 3341.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Mathematical Sciences)

본교 대학원에서 제공하는 모든 과목 중 전공지도교수의 추천에 의하여 학부장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

학칙 제53조 및 서울대학교 교과과정 대학원과정의 과목 이수 지침에 준함.

326. 통계학과(Department of Statistics)

- 326.513 확률론 1(Probability Theory 1) 3-3-0
- 326.516 확률론 2(Probability Theory 2) 3-3-0
- *326.517A 통계상담 및 실습(Statistical Consulting and Practices) 3-2-2
- 326.519A 통계이론 1(Theory of Statistics 1) 3-3-0
- 326.520A 응용통계(Applied Statistics) 3-3-0
- 326.521 고급통계적 방법론(Advanced Statistical Methods) 3-3-0
- 326.522 통계이론 2(Theory of Statistics 2) 3-3-0
- *326.621A 통계이론세미나(Seminar in Recent Development of Statistical Theories) 3-3-0
- 326.626A 비모수함수추정론(Nonparametric Function Estimation) 3-3-0
- *326.631A 응용통계세미나(Seminar in Recent Development of Applied Statistics) 3-3-0
- 326.635 고급베이저안통계학(Advanced Bayesian Statistics) 3-3-0
- 326.636 고급생존분석(Advanced Survival Analysis) 3-3-0
- 326.637 고급데이터마이닝방법론(Advanced Methods in Data Mining) 3-3-0
- 326.638 고급생물통계학(Advanced Biostatistics) 3-3-0
- 326.723A 고급회귀분석(Advanced Regression Analysis) 3-3-0
- *326.739A 통계학세미나(Seminar in Statistics) 3-3-0
- 326.747 범주형자료분석(Categorical Data Analysis) 3-3-0
- 326.748A 반복측정자료분석(Analysis of Repeated Measurements) 3-3-0
- *326.750A 비모수함수추정론특강(Topics in Nonparametric Function Estimation) 3-3-0
- 326.803 대학원논문연구(Reading and Research) 3-3-0
- M0000.008700 대학원 신입생 세미나(First Year Graduate Student Seminar) 1-1-0
- M0000.008800 학과세미나(Department Seminar) 1-1-0
- M1399.000200 고급통계계산(Advanced Statistical Computing) 3-3-0
- M1399.000300 공간자료의 통계분석(Statistical Analysis for Spatial data) 3-3-0
- M1399.000400 딥러닝의 통계적 이해(Deep learning: Statistical perspective) 3-3-0
- M1399.000500 통계적 기계학습(Statistical Machine Learning)

3-3-0
M1399.000800 대학원생 세미나(Graduate Student Seminar)
1-1-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Statistics)

본교 대학원에서 제공하는 모든 과목 중 전공지도교수의 추천에 의하여 학과장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

학과내규에 따름.

3343. 화학부(Department of Chemistry)

- 3343.502A 고급통계역학(Advanced Statistical Mechanics) 3-3-0
- 3343.503A 고급분자분광학(Advanced Molecular Spectroscopy) 3-3-0
- 3343.510 화학세미나(Cheistry Seminar) 1-0-2
(8개 학기 반복이수 가능)
- 3343.511 고급무기화학(Advanced Inorganic Chemistry) 3-3-0
- 3343.518 고급양자화학(Advanced Quantum Chemistry) 3-3-0
- 3343.541 물리유기화학(Physical Organic Chemistry) 3-3-0
- 3343.542 유기합성화학(Synthetic Organic Chemistry) 3-3-0
- 3343.551 고급생화학(Advanced Biochemistry) 3-3-0
- 3343.552A 효소화학(Enzyme Chemistry) 3-3-0
- 3343.553 표면화학(Surface Chemistry) 3-3-0
- 3343.554 식물생화학(Plant Biochemistry) 3-3-0
- 3343.621 전기화학(Electrochemistry) 3-3-0
- 3343.622A 화학기기장치방법(Cheistry Instrumentation) 4-2-4
- 3343.641 천연물화학(Natural Products Chemistry) 3-3-0
- 3343.651 핵산화학(Nucleic Acid Chemistry) 3-3-0
- 3343.661 고분자화학(Macromolecular Chemistry) 3-3-0
- 3343.701 화학특수연구 1(Special Research in Chemistry 1) 3-0-6
- 3343.702 화학특수연구 2(Special Research in Chemistry 2) 3-0-6
- 3343.703 화학특수연구 3(Special Research in Chemistry 3) 3-0-6
- 3343.704 화학특수연구 4(Special Research in Chemistry 4) 3-0-6
- 3343.705 화학특수연구 5(Special Research in Chemistry 5) 3-0-6
- 3343.706 화학특수연구 6(Special Research in Chemistry 6) 3-0-6
- 3343.711 고급화학연구 1(Research in Advanced Chemistry 1) 3-0-6
- 3343.712 고급화학연구 2(Research in Advanced Chemistry 2) 3-0-6
- 3343.713 고급화학연구 3(Research in Advanced Chemistry 3) 3-0-6
- 3343.714 고급화학연구 4(Research in Advanced Chemistry 4) 3-0-6
- 3343.716A 응용계산화학(Applied Computational Chemistry) 3-3-0
- 3343.719 유기금속화학(Organometallic Chemistry) 3-3-0
- 3343.720 초분자화학(Supramolecular Chemistry) 3-3-0
- 3343.721 의약화학(Medicinal Chemistry) 3-3-0
- M1409.000700 화학일반특론(Special Topics in Contemporary Chemistry) 3-3-0
- 3343.725 나노바이오화학(NanoBioChemistry) 3-3-0
- 3343.726 화학생물학(Cheistry Biology) 3-3-0
- 3343.727 유기재료합성(Synthesis of Organic Materials) 3-3-0
- 3343.729 산학화학세미나(Cheistry in Industry Seminar) 1-0-2

- M1409.000200 화학연구 학생 콜로퀴엄(Student Colloquium on Chemical Research) 3-3-0
- M1409.000400 핵자기공명분광학(NMR Spectroscopy) 3-3-0
- M1409.000600 신경화학(Neurochemistry) 3-3-0
- M1409.000800 생명화학특론(Special Topics in Life Chemistry) 3-3-0
- M1409.000900 나노의학특론(Special Topics in Nanomedicine) 3-3-0
- M1409.001000 대학원 화학연구교육 세미나(Graduate Seminar on Research and Teaching in Chemistry) 3-3-0
- M1409.001100 화학 합성 촉매론(Molecular Catalysis for Chemical Synthesis) 3-3-0
- M1409.001200 고급분자이미징(Advanced Molecular Imaging) 3-3-0
- M1409.001400 고급 에너지 재료 화학(Advanced Materials Chemistry for Renewable Energy) 3-3-0
- M1409.001500 식물분자공학(Plant Molecular Engineering) 3-3-0
- 3343.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Chemistry)

본교 대학원에서 제공하는 모든 과목 중 전공지도교수의 추천에 의하여 학부장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

학부내규에 따름.

3344. 생명과학부(Department of Biological Sciences)

공통과목(Core Courses)

- 3344.603 발생생물학특론(Advanced Developmental Biology) 3-3-0
- 3344.610 생태학특론(Advanced Ecology) 3-3-0
- 3344.632 식물과학특론(Advanced plant science) 3-3-0
- 3344.633 미생물학특론(Advanced microbiology) 3-3-0
- M1410.002000 현대생명과학방법론(Current Advances in Methods for Biological Sciences) 3-3-0
- M1410.002100 융합전산생물학특론(Integrative Computational Biology) 3-3-0
- M1410.002700 구조생물학특론(Advanced Structural Biology) 3-3-0
- 3344.803 대학원논문연구(Reading and Research) 3-3-0
- 분자세포생물학전공(Molecular and Cellular Biology, MCB)**
- 3344.509 대사질환연구론(Metabolic disorders) 3-3-0
- *3344.513 고급분자세포생물학특수연구(Special studies in molecular and cellular biology) 3-0-6
- *3344.514 생화학특강(Biochemistry lectures) 2-2-0
- *3344.516 생물물리학특강(Biophysics lectures) 2-2-0
- *3344.518 세포생물학특강(Cell biology lectures) 2-2-0
- *3344.520 유전학특강(Genetics lectures) 2-2-0
- *3344.522 분자생물학특강(Molecular biology lectures) 2-2-0
- 3344.542 RNA 생물학특론(Advanced RNA biology) 3-3-0
- 3344.601 분자생물물리학(Molecular Biophysics) 3-3-0
- 3344.613 생화학특론(Advanced Biochemistry) 3-3-0
- 3344.723 막생물학(Biology of Membranes) 3-3-0
- 3344.755 식물유전자발현조절론(Regulation of Plant Gene Expression) 3-3-0
- *3344.771 분자세포생물학세미나 1(Seminar in molecular and cellular biology 1) 1-0-2
- *3344.772 분자세포생물학세미나 2(Seminar in molecular and cellular biology 2) 1-0-2
- M1410.000300 시스템생물학특론(Principles of Systems Biology)

- 3-3-0
- M1410.001100 유전체학특론(Advanced Genomics) 3-3-0
- M1410.002900 현대생물학 콜로퀴움 1(Modern Biology Colloquium 1) 3-3-0
- M1410.001300 현대생물학 콜로퀴움 2(Modern Biology Colloquium 2) 3-3-0
- M1410.001400 현대생물학 콜로퀴움 3(Modern Biology Colloquium 3) 3-3-0
- M1410.001500 현대생물학 콜로퀴움 4(Modern Biology Colloquium 4) 3-3-0
- M1410.001600 스트레스 반응 특론(Stress Response and Homeostasis) 3-3-0
- M1410.001800 고급세포생물학특론 I(Special Topics in Advanced Cell Biology I) 3-3-0
- M1410.001900 고급유전학특론 I(Advanced Genetics I) 3-3-0
- M1410.002200 고급세포생물학특론 II(Special Topics in Advanced Cell Biology II) 3-3-0
- M1410.002300 신경과학특론(Advanced Neuroscience) 3-3-0
- M1410.002400 고급유전학특론 II(Advanced Genetics II) 3-3-0
- M1410.002500 고급분자생물학특론(Advanced Molecular Biology) 3-3-0

개체생물학전공(Integrative Organismic Biology, IOB)

- 3344.543 식물생화학(Plant biochemistry) 3-3-0
- *3344.546 신경생물학특강(Neurobiology lectures) 2-2-0
- *3344.548 미생물학특강(Microbiology lectures) 2-2-0
- *3344.550 생물공학특강(Biotechnology lectures) 2-2-0
- *3344.552 식물생리학특강(Plant physiology lectures) 2-2-0
- *3344.570 발생생물학특강(Developmental biology lectures) 2-2-0
- *3344.619 고급개체생물학특수연구(Special studies in organismal biology) 3-0-6
- *3344.635 개체생물학세미나 1(Seminar in organismal biology 1) 1-0-2
- *3344.636 개체생물학세미나 2(Seminar in organismal biology 2) 1-0-2
- 3344.752 숙주-미생물상호작용론(Host-Microbe Interaction) 3-3-0
- M1410.001700 식물세포생물학 특론(Advanced Plant Cell Biology) 3-3-0

계통생물학 및 생태학전공(Systematics and Ecology, SE)

- 3344.556 감각생태 및 동물신호특론(Sensory Ecology and Signals in Animal) 3-3-0
- *3344.567 고급계통생물학 및 생태학특수연구(Special studies in systematics and ecology) 3-0-6
- *3344.572 계통생물학특강(Systematics lectures) 2-2-0
- *3344.574 생태학특강(Ecology lectures) 2-2-0
- 3344.611 생물정보학(Bioinformatics) 3-3-0
- *3344.766 계통생물학 및 생태학세미나 1(Seminar in systematics and ecology 1) 1-0-2
- *3344.767 계통생물학 및 생태학세미나 2(Seminar in systematics and ecology 2) 1-0-2
- M1410.002600 진화생물학 및 생태학특론(Advanced Evolutionary Biology and Ecology) 3-3-0
- M1410.003200 고급생물정보학 및 실습 1(Advanced Bioinformatics and Practice 1) 5-3-4

전공선택 인정과목

(Credited as Major Elective for Dept. of Biological Sciences)

본교 대학원에서 제공하는 모든 과목 중 전공지도교수의 추천에 의하여 학부장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

- ① 분자세포생물학(Molecular and Cellular Biology, MCB), 개체생물

학(Integrative Organismic Biology, IOB), 계통생물학 및 생태학(Systematics and Ecology, SE) 3개 전공의 대학원논문연구(3344.803)를 제외한 공통핵심 과목 중 석사과정은 2개 과목 이상, 박사과정은 3개 과목 이상을 수강하여야 함. 다만, 박사과정 학생은 석사과정에서 이수한 공통핵심과목의 이수를 인정함.
② 기타 세부이수규정은 내규로 정한다.

[경과규정]

이 규정은 2010학년도 입학자부터 2019학년도 입학자까지 적용하며, 2009학년도 이전 입학자 및 2020학년도 이후 입학자는 종전 규정은 현행 규정 중 선택하여 이수할 수 있다.

3345. 지구환경과학부(Department of Earth and Environmental Sciences)

- 3345.551 종관기상학(Synoptic Meteorology) 3-3-0
- 3345.552 대규모대기역학(Large Scale Dynamics of Atmosphere) 3-3-0
- 3345.553 미기상학(Micrometeorology) 3-3-0
- 3345.559 대기대순환(Atmospheric General Circulation) 3-3-0
- 3345.564 구름물리학(Cloud Physics) 3-3-0
- *3345.565 대기과학특강 1(Topics in Atmospheric Sciences 1) 3-3-0
- 3345.566 기상통계학(Statistical Methods in Meteorology) 3-3-0
- 3345.570 지리정보기상학(GIS Meteorology) 3-2-2
- *3345.601B 환경지구화학(Environmental Geochemistry) 3-3-0
- 3345.603 안정동위원소지구화학 및 실험(Stable Isotope Geochemistry and Lab.) 3-2-2
- 3345.606 층서고생물학(Stratigraphy and Paleontology) 3-3-0
- *3345.609 수리지질학(Hydrogeology) 3-3-0
- *3345.612A 지구시스템탐사자료처리와 영상화(Process and imaging of Earth System Remote Sensing Data) 3-3-0
- *3345.614 지구내부물리학(Physics of the Earth's Interior) 3-3-0
- *3345.615 지진학(Earthquake Seismology) 3-3-0
- *3345.620 지체구조물리학특강(Advanced Study in Tectonophysics) 3-3-0
- 3345.652 해류학(Ocean Currents) 3-3-0
- 3345.653 조석이론과 분석(Tide Theory and Analysis) 3-3-0
- 3345.655 퇴적학(Sedimentology) 3-3-0
- 3345.657 해양오염론(Marine Pollution) 3-3-0
- 3345.658A 해양저서생태학(Marine Benthic Ecology) 3-3-0
- 3345.659 해양미생물생태학(Marine Microbial Ecology) 3-3-0
- 3345.660A 추적자화학(Tracer Chemistry) 3-3-0
- *3345.721 대기-해양역학(Atmosphere-Ocean Dynamics) 3-3-0
- *3345.723 대기오염 및 분산(Air Pollution and Dispersion) 3-3-0
- 3345.725 중규모기상학(Mesoscale Meteorology) 3-3-0
- 3345.729A 중층대기역학(Middle Atmosphere Dynamics) 3-3-0
- *3345.733 대기과학특강 2(Topics in Atmospheric Sciences 2) 3-3-0
- *3345.734 대기화학(Atmospheric Chemistry) 3-3-0
- 3345.735 대기복사학(Atmospheric Radiation) 3-3-0
- *3345.741 광물학특론 및 실험(Advanced Mineralogy and Lab.) 3-2-2
- *3345.742 암석학특강(Advanced Topics in Petrology) 3-3-0
- *3345.744 구조지질학특강(Topics in Structural Geology) 3-3-0
- *3345.746 고생물학세미나(Seminar in Paleobiology) 3-3-0
- *3345.747 자원지질학특수연구(Advanced Study in Resource Geology) 3-2-2
- *3345.749 현대지질학(Recent Advances in Geology) 3-2-2
- *3345.750 환경지질학특강(Topics in Environmental Geology) 3-3-0

*3345.751A 응용지질학특강(Topics in Applied Geology) 3-3-0	Activities) 3-3-0
*3345.752 지구시스템환경관측학특강(Workshop in Earth System Observation Science) 3-3-0	3342.502 통계역학(Statistical Mechanics) 3-3-0
*3345.753A 지구물리특강(Topics in Geophysics) 3-3-0	3342.505 양자역학 1(Quantum Mechanics 1) 3-3-0
*3345.755 지구화학특강(Topics in Geochemistry) 3-3-0	3342.506 양자역학 2(Quantum Mechanics 2) 3-3-0
*3345.761 천해해양물리학(Physical Oceanography of the Coastal Processes) 3-3-0	*3342.508 물리학특강(Selected Topics in Physics) 3-3-0
*3345.766 분지해석(Basin Analysis) 3-3-0	*3342.509 수리물리학(Mathematical Physics) 3-3-0
*3345.767 해양지구화학특강(Topics in Marine Geochemistry) 3-3-0	3342.514 고전역학(Classical Mechanics) 3-3-0
*3345.769 해양생태학특강(Topics in Marine Ecology) 3-3-0	3342.515 전기역학 1(Electrodynamics 1) 3-3-0
*3345.770 퇴적물평가특강(Topics in Sediment Assessment) 3-3-0	3342.516 전기역학 2(Electrodynamics 2) 3-3-0
*3345.771 지구환경과 해양미생물특강(Topics in Earth Environments and Marine Microbes) 3-3-0	3342.605A 응집물질물리학 1(Condensed Matter Physics 1) 3-3-0
*3345.772 생물해양학특강(Topics in Biological Oceanography) 3-3-0	3342.606A 응집물질물리학 2(Condensed Matter Physics 2) 3-3-0
*3345.774A 해양신약특강(Topics on Marine Drugs) 3-3-0	3342.613 기본 핵 및 입자물리학(Basic Nuclear and Particle Physics) 3-3-0
*3345.775 화학해양학특강(Topics in Chemical Oceanography) 3-3-0	3342.615 레이저물리학(Laser Physics) 3-3-0
*3345.776 해양학세미나(Seminar in Oceanography) 3-3-0	3342.616 고급 양자 및 다체계이론(Advanced Quantum and Many Body Theory) 3-3-0
3345.777 지구환경과학세미나(Seminar in Earth and Environmental Sciences) 3-3-0(2개 학기 반복이수가능)(S/U평가)	3342.618 응용전산물리(Applied Computational Physics) 3-2-2
3345.803 대학원논문연구(Reading and Research) 3-3-0	3342.626A 원자물리학(Atomic Physics) 3-3-0
M1411.000300 대기원격탐사학(Atmospheric Remote Sensing) 3-3-0	3342.631 입자물리학(Particle Physics) 3-3-0
M1411.000800 대기수치모델링 및 실습 1(Numerical Modeling of the Atmosphere and the Practice 1) 3-2-2	3342.632 일반상대론(General Relativity) 3-3-0
M1411.000900 대기수치모델링 및 실습 2(Numerical Modeling of the Atmosphere and the Practice 2) 3-2-2	3342.633 핵물리학(Nuclear Physics) 3-3-0
*M1411.001300 지구미생물학연구방법론(Methods in Geomicrobiology) 3-3-0	3342.635 상전이와 임계현상(Phase Transitions and Critical Phenomena) 3-3-0
*M1411.001600 화산학 특론 및 실험(Advanced volcanology and Lab.) 3-2-2	3342.637 양자장론 1(Quantum Field Theory 1) 3-3-0
*M1411.001900 퇴적상분석(Sedimentary Facies Analysis) 3-3-0	3342.638 양자장론 2(Quantum Field Theory 2) 3-3-0
*M1411.002000 고급 퇴적학 및 층서학(Advanced Sedimentology and Stratigraph) 3-3-0	*3342.641 핵입자특강 1(Advanced Topics in Nuclei and Particles 1) 3-3-0
	*3342.642 핵입자특강 2(Advanced Topics in Nuclei and Particles 2) 3-3-0
	*3342.652A 응집물질물리학특강 1(Advanced Topics in Condensed Matter Physics 1) 3-3-0
	*3342.653A 응집물질물리학특강 2(Advanced Topics in Condensed Matter Physics 2) 3-3-0
	*3342.654A 응용물리학특강 1(Advanced Topics in Applied Physics 1) 3-3-0
	*3342.655A 응용물리학특강 2(Advanced Topics in Applied Physics 2) 3-3-0
	3342.665 고급장 및 입자이론(Advanced Theory on Fields and Particles) 3-3-0
	3342.667 복잡계물리(Physics of Complex Systems) 3-3-0
	3342.669 생물계물리(Biological Physics) 3-3-0
	3342.803 대학원논문연구(Reading and Research) 3-3-0
	*M1419.000200 고급 현대 물리학 특강(Seminars on advanced topics in modern physics) 3-3-0
	M1419.000600 입자 및 핵물리 특수연구(Special Studies in Particle and Nuclear Physics) 3-3-0
	M1419.000700 통계물리 특수연구(Special Studies in Statistical Physics) 3-3-0
	M1419.000800 응집물질물리 특수연구(Special Studies in Condensed Matter Physics) 3-3-0
	M1419.000900 광학 및 원자물리 특수연구(Special Studies in Atomic, Molecular, and Optical Physics) 3-3-0
	M1419.001000 생물물리 특수연구(Special Studies in Biophysics) 3-3-0
	M1419.001100 물리 실험 특수연구(Special Studies in Physical Experiments) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Earth and Environmental Sciences)

본교 대학원에서 제공하는 모든 과목 중 전공지도교수의 추천에 의하여 학과(부)장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

학칙 제53조 및 서울대학교 교과과정 대학원과정의 과목 이수 지침에 준함.

[경과규정]

- ① 2000학년도 이전에 대학원 천문학과, 대기과학과, 지질과학과, 해양학과에 입학한 학생은 대학원 지구환경과학부의 교과과정을 이수하여야 한다.
- ② 2000학년도 이후에 대학원 과학교육과 지구과학전공에서 대학원 지구환경과학부로 소속이 변경된 학생은 대학원 지구환경과학부 과목 이수규정에 따라 교과과정을 이수하여야 한다.

3348. 물리·천문학부(Department of Physics and Astronomy)

3348A. 물리학전공(Physics Major)

3348.501 대학원연구입문(Introduction to Departmental Research

전공선택 인정과목

(Credited as Major Elective for Physics Major in Dept. of Physics and Astronomy)

본교 대학원에서 제공하는 모든 과목 중 학부장이 인정하는 과목

교과목 이수규정
(Departmental Course Requirements)

- ① 전공내규에 의함.
- ② 2009학년도 이전 입학생은 고전역학, 전기역학 1, 양자역학 1 중 두 과목 이상과 전기역학 2, 양자역학 2, 통계역학 중 한 과목 이상을 필수과목으로 이수해야 함.

3348B. 천문학전공(Astronomy Major)

- 3345.501 천문관측법(Techniques in Astronomical Observation) 3-3-0
- 3345.502 전파천문학(Radio Astronomy) 3-3-0
- 3345.503 천체물리학(Astrophysics) 3-3-0
- M1420.000200 천체분광학(Astronomical Spectroscopy) 3-3-0
- 3345.505 태양물리학(Solar Physics) 3-3-0
- 3345.506 항성대기(Stellar Atmosphere) 3-3-0
- 3345.507 성간물질(Interstellar Matter) 3-3-0
- 3345.508 천문기기 및 실험(Astronomical Instrumentation and Lab.) 3-2-2
- 3345.509 성간기체역학(Interstellar Gas Dynamics) 3-3-0
- 3345.511 외부은하와 우주론(Extragalactic Astronomy and Cosmology) 3-3-0
- 3345.513 항성내부구조와 진화(Stellar Structure and Evolution) 3-3-0
- 3345.514 천문자기유체역학(Astronomical Magnetohydrodynamics) 3-3-0
- 3345.516 항성역학 및 중력(Stellar Dynamics and Gravitation) 3-3-0
- *3345.701 관측천문학특강(Topics in Observational Astronomy) 3-3-0
- *3345.702 천체분광학특강(Topics in Astronomical Spectroscopy) 3-3-0
- *3345.703 외부은하천문학특강(Topics in Extragalactic Astronomy) 3-3-0
- *3345.704 천체물리세미나(Seminar in Astrophysics) 3-3-0
- *3345.705 이론천문연구(Research in Theoretical Astronomy) 3-3-0
- *3345.707 현대천문학특강(Topics in Current Astronomy) 3-3-0
- *3345.708 전파천문학특강(Topics in Radio Astronomy) 3-3-0
- *3345.710 우주론특강(Topics in Cosmology) 3-3-0
- M1420.000100 대학원신입생세미나(Seminar for the New Graduate Students) 3-3-0
- M1420.000300 고천문학 특강(Topics in Historical Astronomy) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Physics)

본교 대학원에서 제공하는 모든 과목 중 학부장이 인정하는 과목

교과목 이수규정
(Departmental Course Requirements)

학칙 제53조 및 서울대학교 대학원 교과과정의 과목 이수지침에 준함.

[경과규정]

- ① 2006학년도 이전에 대학원 천문학과 또는 대학원 지구환경과학부에 입학한 학생은 대학원 물리·천문학부의 교과과정을 이수하여야 한다.
- ② 2006학년도 이후에 대학원 지구환경과학부에서 대학원 물리·천문학부 소속이 변경된 학생은 대학원 물리·천문학부 과목의 이수규정에 따라 교과과정을 이수하여야 한다.

339. 뇌인지과학과(Department of Brain and Cognitive Sciences)

- 339.501 뇌인지과학의 원리(Principles of Brain and Cognitive Sciences) 3-3-0

- 339.502 뇌인지과학의 방법(Methods in Brain and Cognitive Sciences) 3-3-0
- M1426.002100 시스템 신경과학 1(Systems Neuroscience 1) 3-3-0
- M1426.002200 시스템 신경과학 2(Systems Neuroscience 2) 3-3-0
- M1426.002300 임상신경과학 1(Clinical Neuroscience 1) 3-3-0
- M1426.002400 임상신경과학 2(Clinical Neuroscience 2) 3-3-0
- M1426.003000 세포의 구조와 기능 1(Cell Structure and Function 1) 3-3-0
- M1426.003300 분자 및 세포 신경생물학 1(Molecular and Cellular Neuroscience 1) 3-3-0
- M0000.001200 고급 신경생리학(Advanced Neurophysiology) 3-3-0
- M0000.001900 해마 기억신경계의 구조 및 기능 이해(Hippocampal Memory Systems) 3-3-0
- M0000.002100 확률적 두뇌의 이해(Probabilistic Brain) 3-3-0
- M1426.000600 학습과 기억 고전 뇌인지 논문 이해(Classical readings for cognitive learning and memory) 3-3-0
- *M1426.000900 뇌인지과학 고급 자료분석법(Data Analysis for Brain and Cognitive Sciences) 3-3-0
- *M1426.001000 뇌과학 기반 인지기능 조절 세미나(Neuroscience-based Cognitive Modulation) 3-3-0
- M1426.001300 인지발달신경과학(Developmental Cognitive Neuroscience) 3-3-0
- M1426.001400 뇌인지과학자를 위한 실용방법론(Practical Skills for Brain and Cognitive Scientists) 3-3-0
- M1426.001500 지각과 의사결정의 신경과학(Neuroscience of Perception and Decision-Making) 3-3-0
- *M1426.001800 임상인지신경과학 세미나 1(Seminars in Clinical Cognitive Neuroscience 1) 3-3-0
- *M1426.001900 임상인지신경과학 세미나 2(Seminars in Clinical Cognitive Neuroscience 2) 3-3-0
- *M1426.002500 고급 신경과학 세미나 1(Advanced Neuroscience Seminar 1) 3-3-0
- *M1426.002600 고급 신경과학 세미나 2(Advanced Neuroscience Seminar 2) 3-3-0
- *M1426.002700 시스템 신경과학 세미나 1(Seminars in Systems Neuroscience 1) 3-3-0
- *M1426.002800 시스템 신경과학 세미나 2(Seminars in Systems Neuroscience 2) 3-3-0
- M1426.003100 세포의 구조와 기능 2(Cell Structure and Function 2) 3-3-0
- M1426.003200 분자 및 세포 신경생물학 2(Molecular and Cellular Neuroscience 2) 3-3-0
- *M1426.003800 인지신경회로 세미나 1(Seminars In Cognitive Neural Circuits 1) 3-3-0
- *M1426.003500 인지신경회로 세미나 2(Seminars In Cognitive Neural Circuits 2) 3-3-0
- M1426.003600 뇌인지과학 콜로키엄 1(Brain and Cognitive Science Colloquium 1) 3-3-0
- M1426.003700 뇌인지과학 콜로키엄 2(Brain and Cognitive Science Colloquium 2) 3-3-0
- M1426.003900 알츠하이머병과 관련 질환 연구(Alzheimer's disease and related disorders (ADRD) Research) 3-3-0
- 339.803 대학원 논문연구(Reading and Research) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Brain and Cognitive Sciences)

자연과학대학 및 대학원을 포함하여 본교 학부 및 대학원에서 제공되는 뇌인지과학 관련 과목 중 전공지도교수의 추천에 의하여 학과장이 인정하는 과목

3350. 과학학과(Department of Science Studies)

- 321.501 과학사통론 1(Survey of History of Science 1)
3-3-0
- 321.502 과학사통론 2(Survey of History of Science 2)
3-3-0
- 321.503 과학철학통론 1(Survey of Philosophy of Science 1)
3-3-0
- 321.504 과학철학통론 2(Survey of Philosophy of Science 2)
3-3-0
- *321.603 과학사특강(Topics in History of Science) 3-3-0
- 321.604 현대과학사연구(Studies in History of Twentieth-Century Science) 3-3-0
- 321.605A 동양과학사통론(Survey of History of East Asian Science) 3-3-0
- 321.606A 한국과학사통론(Survey of the History of Korean Science) 3-3-0
- 321.612 물리학의 철학(Philosophy of Physics) 3-3-0
- 321.613 생물학의 철학(Philosophy of Biology) 3-3-0
- *321.702 근대사회의 과학연구(Studies in the Science of the Modern World) 3-3-0
- *321.703 전통사회의 과학연구(Studies in the Science of Traditional Societies) 3-3-0
- *321.704 과학분야사연구(Studies in History of Scientific Disciplines) 3-3-0
- *321.705 과학사과제연구 1(Issues in History of Science 1)
3-3-0
- *321.706 과학사과제연구 2(Issues in History of Science 2)
3-3-0
- 321.707 과학사서술방법론(Historiography in History of Science)
3-3-0
- 321.708 기술사연구
(Studies in History of Technology) 3-3-0
- *321.714A 과학철학과제연구(Issues in Philosophy of Science)
3-3-0
- 321.716 시·공간철학(Philosophy of Space and Time) 3-3-0
- M1392.000700 STS 통론(Studies in Science, Technology and Society) 3-3-0
- 321.723 과학정책의 역사연구(Studies in History of Science Policy) 3-3-0

- 321.735 과학과 문화연구(Studies in Science and Culture)
3-3-0
- 321.736 과학기술과 사회 주제 연구(Research Topics on Science, Technology and Society Studies) 3-3-0
- *321.737 과학기술과 사회특강(Special Topics in Science Technology and Society) 3-3-0
- M1392.000200 과학정책 통론(Introduction to Science Policy)
3-3-0
- *M1392.000300 과학정책의 과제 연구(Current Issues in Science Policy) 3-3-0
- M1392.000500 과학기술학 연구방법론(Research Methodologies in STS) 2-2-0
- *M1392.000800 과학정책 사례 연구(Case Studies in Science Policy) 3-3-0
- M1392.000900 과학기술정책 세미나(Seminar in Science and Technology Policy) 1-1-0
- M3458.000100 과학기술과 재난(Technoscience and Disaster)
3-3-0
- M3458.000200 생명과학과 사회(Biology and Society) 3-3-0
- M3458.000300 과학기술과 환경(Science, Technology, and the Environment) 3-3-0
- 321.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Program in History and Philosophy of Science)

서울대학교 대학원과정 과목 중 지도교수가 추천하고 학과장의 승인을 얻은 과목

교과목 이수규정

(Departmental Course Requirements)

① 석사과정은 ‘과학기술학 연구방법론’(M1392.000500), ‘과학기술정책 세미나’(M1392.000900)를 필수로 이수해야 한다.

② 그 외 세부 이수 규정은 학과 내규에 따른다.

<경과규정> 상기 이수규정은 2022학년도 과학학과로 선발된 학생부터 적용하며, 2022학년도 이전에 협동과정 과학사 및 과학철학 전공으로 선발된 학생은 종전 또는 상기 이수규정을 선택하여 이수할 수 있다.

<간호대학 주관>

811. 간호학과(Department of Nursing)

공통과목(Core Courses)

- 811.504 간호철학(Philosophy of Nursing) 3-3-0
- 811.518 간호이론총론(Theoretical Foundation of Nursing) 3-3-0
- 811.519 간호연구방법총론(Nursing Research Methodology) 3-3-0
- 811.521 중급간호통계학(Intermediate Statistics in Nursing) 3-3-0
- 811.613 건강증진과 간호(Health Promotion in Nursing) 3-3-0
- 811.658 질적자료분석론(Qualitative Data Analysis) 3-3-0
- 811.705 학위논문연습 1(Dissertation Seminar 1) 2-1-2
- 811.706 학위논문연습 2(Dissertation Seminar 2) 1-0-2
- 811.707 간호이론분석(Analysis and Evaluation of Nursing Theory) 3-3-0
- 811.710 질적간호연구방법론(Qualitative Nursing Research Methodology) 3-3-0
- 811.712 고급간호통계학 (Advanced Statistics in Nursing) 3-3-0
- 811.713 간호연구설계 (Advanced Design for Nursing Research) 3-3-0
- 811.718 사회·문화적 다양성과 건강(Sociocultural Diversity and Health) 3-3-0
- 811.803 대학원논문연구(Reading and Research) 3-3-0
- M1991.000400 간호교육방법론(Instructional Methodology in Nursing) 3-3-0
- M1991.000600 간호자료통계분석세미나(Seminar for Statistical analysis of Nursing data) 3-3-0
- M1991.000700 간호자료통계처리개론(Introduction to Statistical Processing of Nursing Data) 3-3-0
- M1991.003700 간호학연구비평과 연구논문 작성법(Nursing research critique and writing) 3-3-0

모아·정신간호학전공

(Maternal-Child and Psychiatric-Mental Health Nursing Major)

- 811.507A 상급정신간호학세미나(Seminar in Advanced Psychiatric Mental Health Nursing) 3-3-0
- 811.517 영아기중환아간호(Critical Infant Care) 3-3-0
- 811.626 아동간호중재론(Theories of Pediatric Nursing Intervention) 3-3-0
- 811.633 고급아동간호학세미나(Seminar in Advanced Pediatric Nursing) 3-3-0
- 811.635 아동발달과 건강증진전략(Child Development and Health Promotion Strategies) 3-3-0
- 811.636 아동양육에 관한 횡문화적접근(Transcultural Approach to Child Rearing Practice) 3-3-0
- 811.637 아동간호이론과 연구 1(Theory and Research in Child Health Nursing 1) 3-3-0
- 811.651 모성간호연구(Maternity Nursing Research) 3-3-0
- 811.656 임신부의 생리적 적응(Physiological Adaptation of Pregnant Women) 3-3-0
- 811.657 고위험임산부간호 (Care of High-Risk Pregnant Women) 3-3-0
- 811.665 부모-자녀건강특강 (Topics in Parent-Child Health) 3-3-0
- 811.666 여성의 성건강세미나(Seminar in Women's Sexual Health) 3-3-0
- 811.697 모성간호 이론분석(Theory in Maternity Nursing : Concepts, Theories and Research) 3-3-0
- 811.700 중독 정신간호(Psychiatric Nursing for Addicted Clients) 3-3-0
- 811.719 만성질환 아동의 건강간호(Nursing Care of Children

- with Chronic Illness) 3-3-0
- M0000.003500 생애주기 여성 건강 간호(Women Health Nursing Across The Lifespan) 3-3-0
- M0000.004100 페미니즘과 여성 건강 간호(Feminism and Women Health Nursing) 3-3-0
- M0000.004200 상급 정신간호중재(Advanced Psychiatric-Mental Health Nursing Interventions) 3-3-0
- M0000.004300 발달단계별 정신건강간호(Psychiatric-Mental Health Nursing based on the Developmental Stages) 3-3-0
- M0000.004400 가족정신간호(Psychiatric Mental Health Nursing for Family) 3-3-0
- M0000.004500 지역사회기반 정신간호서비스(Community-based Psychiatric-Mental Health Nursing service) 3-3-0
- M1991.001000 정신간호 이론과 연구(Theory and Research of Psychiatric-Mental Health Nursing) 3-3-0

성인간호학전공(Adult Health Nursing Major)

- 811.505 고급성인간호학세미나(Seminar in Advanced Adult Nursing) 3-2-2
- 811.524A 상급신체사정 및 실습(Advanced Physical Examination and Practice) 3-2-2
- 811.603A 노인건강증진(Health Promotion for Older Adults) 2-2-0
- 811.616 노인건강문제관리(Management of Elderly Health Problems) 3-3-0
- 811.641 고급병태생리학(Advanced Pathophysiology) 3-3-0
- 811.652 종양환자증상관리(Symptom Management in Cancer) 3-3-0
- 811.663 간호약리학특론(Advanced Pharmacology in Nursing) 3-3-0
- 811.698 간호영양학특론 (Advanced Nutrition in Nursing) 3-3-0
- 811.715 만성질환자 자기관리(Self-management of Clients with Chronic Illness) 3-3-0
- M0000.003600 스트레스 및 웰니스(Stress and Wellness) 3-3-0
- M0000.007100 노인간호학세미나(Gerontological Nursing Seminar) 3-3-0
- M0000.010800 맞춤형중재연구(Tailored Nursing Intervention Research) 3-3-0
- M0000.013300 만성 환자의 수면장애와 피로(Sleep disturbances and fatigue in patients with chronic disease) 3-3-0
- M0000.013400 노인 간호와 테크놀로지(Technologies in Aging Care) 3-3-0
- M0000.019500 고급 중환자간호학 세미나(Advanced Critical Care Nursing Seminar) 3-3-0
- M0000.019600 최신 기본간호학 세미나(Topical seminar on fundamentals of nursing) 3-3-0
- M1991.000200 심신통합치유과학(Mind-body integrative healing science) 3-3-0
- M1991.000300 간호임상생리학(Clinical nursing physiology) 3-3-0
- M2186.000200 병원역학과 감염관리간호(Hospital Epidemiology and Infection Control Nursing) 3-3-0
- M1991.003800 근거기반간호연구(Evidence-based Nursing Research) 3-3-0

지역사회간호·간호시스템전공

(Community Health and Nursing Care System Major)

- 811.508 고급지역사회간호학세미나(Seminar in Advanced Community Health Nursing) 3-3-0
- 811.523 간호관리이론 (Management Theory in Nursing) 3-3-0
- 811.642A 간호개념측정 및 도구개발(Measurement of Nursing Concept) 3-3-0
- 811.646 지역사회간호학연구(Community Health Nursing Research) 3-3-0

811.647	지역사회응급의료체계(Emergency Care System in Community) 3-3-0	Policy) 3-3-0
811.648	지역사회간호사업평가론(Community Health Nursing Service Evaluation) 3-3-0	811.711 간호정책세미나 (Seminar in Nursing Politics) 3-2-2
811.649	간호관리연구(Research Seminar in Nursing Management) 3-3-0	811.716 국제간호 세미나(Seminar in global nursing) 3-3-0
811.654	고급간호지도자론(Advanced Leadership in Nursing) 3-3-0	811.717 환자안전과 질 관리(Patient Safety and Quality Management in Health Care System) 3-3-0
811.670	간호정보시스템 분석 및 설계(Nursing Information System Analysis and Design) 3-3-0	M0000.003700 간호인력정책연구(tudies in Nursing Workforce Policy) 3-3-0
811.672	간호정보시스템 데이터베이스 설계 및 개발 (Nursing Information System Database Design and Development) 3-3-0	M0000.013500 보건의료 빅데이터 분석(Big Data Analytics for Healthcare) 3-3-0
811.674	보건 의사결정지원시스템(Decision Making Support System in Public Health) 3-3-0	M1991.001100 보건간호생물통계학(Biostatistics for public health and nursing science) 3-3-0
811.681	소비자건강정보학 (Consumer Health Informatics) 3-3-0	M1991.003900 지역사회 간호에서의 근거 통합 및 해석 (Trans-Synthesis of Evidence in Community Nursing) 3-3-0
811.682A	이헬스와 간호지식경영(E-health and Nursing Knowledge Management) 3-3-0	M2186.000600 가정방문간호 사례관리 (Home Visiting Health Care and Case Management) 3-3-0
811.693	장기요양정책과 간호(Long Term Care Policy and Nursing) 3-3-0	
811.694	간호와 경제(Economics and Nursing) 3-3-0	전공선택 인정과목 (Credited as Major Elective for Dept. of Nursing) 학과내규에 의함.
811.695	간호재정관리론(Financial Management for Nursing Services) 3-3-0	교과목 이수규정 (Departmental Course Requirements) 학과내규에 의함.
811.696	간호정책의 계량분석(Quantitative Analysis for Nursing	

<경영대학 주관>

251. 경영학과(Department of Business Administration)

공통과목(Core Courses)

- 250.514A 상법연구 1(Legal Aspects of Business 1) 3-3-0
- 250.629 경영전략연구(Studies in Corporate Strategy) 3-3-0
- 250.636 전자상거래연구(Studies in Electronic Commerce) 3-3-0
- 251.803 대학원논문연구(Reading and Research) 3-3-0

회계학전공(Accounting Major)

- 251.501 관리회계연구(Studies in Managerial Accounting) 3-3-0
- 251.510 전략적 원가관리(Strategic Cost Management) 3-3-0
- 251.511 회계감사연구(Studies in Auditing) 3-3-0
- 251.512 세무회계연구(Studies in Tax Accounting) 3-3-0
- 251.513A 고급회계세미나(Seminar in Advanced Accounting) 3-3-0
- 251.515 기업회계와 재무보고(Corporate Accounting and Financial Reporting) 3-3-0
- 251.613A 재무제표분석과 기업가치평가연구(Studies on Financial Statement Analysis and Firm Valuation with Accounting Information) 3-3-0
- 251.618 회계학연구방법론(Methodology of Accounting Research) 3-3-0
- 251.619 회계모델링과 분석(Accounting Modeling and Analysis) 3-3-0
- 251.621 자본시장회계이론(Capital Market Studies in Accounting) 3-3-0
- 251.624 국제회계(International Accounting) 3-3-0
- 251.625 재무회계이론연구(Studies in Financial Accounting Theory) 3-3-0
- 251.704 회계학특수문제(Contemporary Issues in Accounting) 3-3-0
- 251.715 성과평가와 책임회계(Performance Evaluation and Responsibility Accounting) 3-3-0

생산서비스운영전공(Operations Management Major)

- 251.541 생산전략분석(Analysis of Production Strategies) 3-3-0
- 251.543 생산-재고시스템(Production-Inventory Systems) 3-3-0
- 251.545 품질경영론(Total Quality Management) 3-3-0
- 251.548 공급사슬관리론(Supply Chain Management) 3-3-0
- 251.556 생산운영계획론(Operations Planning) 3-3-0
- 251.652 고급경영과학연구(Management Science) 3-3-0
- 251.744 기술경영론(Management of Technology) 3-3-0
- M2171.002600 시뮬레이션 연구(Simulation) 3-3-0
- M1338.003400 확률과정론과 경영응용(Stochastic Processes and Business Applications) 3-3-0
- M1338.003500 생산서비스운영 이론연구(Analytical Research in Operations Management) 3-3-0
- M1338.003800 생산서비스운영세미나(Seminar in Operations Management) 3-3-0

경영정보전공(Management Information Systems Major)

- 251.559A 정보시스템세미나 1(Information Systems Seminar 1) 3-3-0
- 251.646A 경영응용프로그래밍연구(Studies in Business Application Programming) 3-3-0
- 251.648 정보시스템연구(Studies in Information Systems) 3-3-0
- 251.745 조직과 정보시스템세미나(Organization and Information

- Systems Seminar) 3-3-0
- 251.746 정보시스템개발세미나(Information Systems Development Seminar) 3-3-0
- M2171.002400 정보시스템 계량논문세미나(Seminar on Quantitative IS Paper Writing) 3-3-0
- M2171.002500 정보시스템의 경제분석(Economics of Information Systems) 3-3-0

마케팅전공(Marketing Major)

- 251.562A 가격론연구(Studies in Price Management) 3-3-0
- 251.564A 촉진관리론세미나(Seminar in Promotion Management) 3-3-0
- 251.574A 신제품개발 및 제품관리세미나(Seminar in New Product Development and Product Management) 3-3-0
- 251.575 소비자행동론연구(Studies in Consumer Behavior) 3-3-0
- 251.576 마케팅조사론(Marketing Research) 3-3-0
- 251.579 서비스마케팅(Service Marketing) 3-3-0
- 251.583 하이테크마케팅(High-Tech Marketing) 3-3-0
- 251.673A 계량적 마케팅 의사결정연구(Studies in Quantitative Marketing Decision-Making) 3-3-0
- 251.677A 데이터베이스마케팅연구(Studies in Database Marketing) 3-3-0
- 251.679A 소비자연구특수주제(Special Topics in Consumer Research) 3-3-0
- 251.682 소비자 연구방법 특수주제(Special Topics in Consumer Research Methods) 3-3-0
- 251.764 소비자행동론세미나(Seminar in Consumer Behavior) 3-3-0
- 251.769A 마케팅모형세미나(Seminar in Marketing Models) 3-3-0
- 251.771A 소비자의사결정세미나(Seminar in Consumer Decision Making) 3-3-0
- 251.774 계량마케팅특수문제(Special Topics in Quantitative Marketing) 3-3-0
- M2171.002300 감정과 소비자 의사결정 세미나(Emotion and Consumer Judgment Seminar) 3-3-0
- M2171.002900 문화예술 마케팅 세미나(Art and Culture Marketing Seminar) 3-3-0

재무금융전공(Finance Major)

- 252.501 투자론연구(Studies in Investment) 3-3-0
- 252.502 자본시장론(Capital Market Theory) 3-3-0
- 252.505 금융기관경영론연구(Studies in Financial Institutions) 3-3-0
- 252.508 기업재무론연구(Studies in Corporate Finance) 3-3-0
- 252.603 투자관리세미나(Seminar in Investments) 3-3-0
- 252.615 파생금융상품론연구(Studies in Financial Derivatives) 3-3-0
- 252.616 포트폴리오관리연구(Studies in Portfolio Management) 3-3-0
- 252.623 기업지배구조실증연구(Empirical Studies in Corporate Governance) 3-3-0
- 252.624 자본시장이론연구(Studies in Capital Market Theory) 3-3-0
- 252.662A 국제재무관리연구(Studies in International Financial Management) 3-3-0
- 252.713A 투자론실증연구(Empirical Research in Investments) 3-3-0
- 252.715A 자산가격결정이론연구(Asset Pricing Theory) 3-3-0
- 252.719A 기업재무실증연구(Empirical Research in Corporate Finance) 3-3-0
- 252.728 위험과 보험 경제학 연구(Economics of Risk and Insurance) 3-3-0
- 252.729 위험과 보험세미나(Seminar in Risk and Insurance) 3-3-0

- M1338.001300 재무연구방법론(Methodology of Financial Research) 3-3-0
 M2171.003000 행태주의 재무론(Behavioral Finance) 3-3-0
 M1338.002900 재무 기계학습 연구(Studies in Financial Machine Learning) 3-3-0
 M1338.003200 신용시장연구(Studies in Credit Markets and Banking) 3-3-0

**인사조직전공
(Organizational Behavior and Human Resource Management Major)**

- 252.536A 협상론(Negotiation) 3-3-0
 252.538 노사관계론연구(Studies in Industrial Relations) 3-3-0
 252.540 조직개발론(Organizational Development) 3-3-0
 252.546 인사관리연구(Studies in Human Resource Management) 3-3-0
 252.547 조직행위론연구(Studies in Organizational Behavior) 3-3-0
 252.548 조직이론연구(Studies in Organization Theory) 3-3-0
 252.553A 집단관리론(Group Management) 3-3-0
 252.554A 모티베이션연구(Studies in Motivation) 3-3-0
 252.651 인사전략론(Strategic Human Resource Management) 3-3-0
 252.652 조직전략론(Organization and Strategy) 3-3-0
 252.731 모티베이션세미나(Seminar in Motivation) 3-3-0
 252.735 임금관리세미나(Seminar in Compensation) 3-3-0
 252.739 리더십세미나(Seminar in Leadership) 3-3-0
 252.740 인사조직연구방법론(Methodology in Personnel and Organization) 3-3-0
 252.742 조직문화론(Organizational Culture) 3-3-0
 *252.743 인사관리세미나(Seminar in Human Resource Management) 3-3-0
 *252.744 조직행위론세미나(Seminar in Organizational Behavior) 3-3-0
 *252.745 노사관계세미나(Seminar in Industrial Relations) 3-3-0
 252.746A 인사전략세미나(Seminar in Strategic Human Resource Management) 3-3-0
 252.747 조직이론세미나(Seminar in Organizational Theory) 3-3-0

**전략/국제경영전공
(Strategy and International Business Management Major)**

- 252.563 다국적기업경영론(Multinational Business Management) 3-3-0
 252.570 국제경영이론연구(Studies in International Business Theory) 3-3-0
 252.675A 기업전략세미나(Seminar in Corporate Strategy) 3-3-0
 252.676A 국제기업전략연구(Studies in International Corporate Strategy) 3-3-0
 252.678A 전략과 기업지배구조연구(Studies in Strategy and Corporate Governance) 3-3-0
 252.682 국제경영세미나(Seminar in International Business) 3-3-0
 252.683A 전략경영이론과 실제(Strategic Management Theory and Practice) 3-3-0
 252.684 경영전략 프로세스연구(Studies in Strategy Process) 3-3-0
 252.772A 경영전략이론연구(Theories of Strategy in the Global Knowledge-base Economy) 3-3-0
 252.775 시뮬레이션 연구방법론(Computational Research Methods) 3-3-0
 M0000.007300 경영전략이론연구II(Social and Psychological process in Strategic Management) 3-3-0
 M1338.001400 경영전략 연구방법론(Research Methods in Strategic Management) 3-3-0
 M2171.001600 전략 및 국제경영 세미나(Research Seminars in Strategy and International Management) 3-3-0
 M2171.002800 창조와혁신 세미나(Seminar in Creativity and Innovation) 3-3-0

**전공선택 인정과목
(Credited as Major Elective for Dept. of Business Administration)**
 지도교수의 추천에 의해 학과장이 인정하는 과목

교과목 이수규정(Departmental Course Requirements)

각 전공분야별 수강과목은 학과내규에 의한 과목지도를 받아야 함.

<공과대학 주관>

공통과목(Extrdepartmental Courses)

- 400.505 유한요소법입문(Introduction to the Finite Element Method) 3-3-0
- 400.512 풍력시스템의 설계와 실습(Design and Practice of Wind Turbine System) 3-2-2
- M1570.000300 공학연구윤리및논문작성법(Engineering Research Ethics and Writing Skills) 2-2-0
- M2177.002700 연구자를 위한 기술사업화 1(Entrepreneurship for researchers 1) 3-3-0
- M2177.002800 연구자를 위한 기술사업화 2(Entrepreneurship for researchers 2) 3-3-0
- M2177.002900 최소기능제품설계(Design of minimum viable product) 3-2-2
- M2177.003000 고급 데이터마이닝(Advanced Data Mining) 3-3-0
- M2177.003100 딥러닝(Deep Learning) 3-3-0
- M2177.004800 응용을 위한 심화 공학연구(Application Research and Practice in Advanced Engineering) 3-1-4
- M2177.005500 글로벌 공학기술 교류 특강 1(Global Interchange Lecture on Engineering Technology 1) 1-1-0
- M2177.005600 글로벌 공학기술 교류 특강 2(Global Interchange Lecture on Engineering Technology 2) 2-2-0
- M2177.006800 IoT·인공지능·빅데이터의 실무응용 연구 1(Field Application Research of IoT, AI, and Big Data 1) 2-1-2
- M2177.006900 IoT·인공지능·빅데이터의 실무응용 연구 2(Field Application Reserch of IoT, AI, and Big Data 2) 2-1-2
- M2177.007000 블록체인의 실무응용 연구 1(Field Application Research of Blockchain 1) 2-1-2
- M2177.007100 블록체인의 실무응용 연구 2(Field Application Research of Blockchain 2) 2-1-2
- M2177.007400 글로벌 공학기술 교류 특강 3(Global Interchange Lecture on Engineering Technology 3) 3-3-0
- M2177.007500 사물인터넷과 창의공학설계 (Internet of Things and Creative Engineering Design) 3-3-0

401. 건축학과(Department of Architecture and Architectural Engineering)

- *401.605 건축계획특론 1(Topics in Architectural Planning 1) 3-3-0
- *401.606A 건축환경시뮬레이션연구(Studies in Environmental Modeling and Simulation) 3-3-0
- *401.607 건축계획연구(Studies in Architecture Design Process) 3-3-0
- 401.616 건축의장론(Theory of Architectural Design) 3-3-0
- *401.617 실내장식특론(Topics on Interior Design) 3-3-0
- 401.620 건축법규연구(Seminar in Building Code) 3-3-0
- *401.621 건축환경공학특론(Advanced Building Environmental Technology) 3-3-0
- *401.628 건축구조설계특론 1(Design of Building Structures 1) 3-3-0
- *401.629 건축구조설계특론 2(Design of Building Structures 2) 3-3-0
- *401.630 건축콘크리트공학특론(Architectural Concrete Technology) 3-3-0
- 401.646 건축공사관리론(Project Planning and Control in Construction) 3-3-0
- 401.648 건축재료공법특론(Advanced Concepts and Applications of Building Materials in Construction) 3-3-0

- 401.649 건축코스트계획론(Cost Planning of Building Design and Construction) 3-3-0
- 401.650 건축설계연구 1(Architectural Design Studio 1) 4-2-4
- 401.651 건축설계연구 2(Architectural Design Studio 2) 4-2-4
- 401.652 건축설계연구 3(Architectural Design Studio 3) 4-2-4
- *401.656 건축설비계획특론(Advanced Building Systems Design) 3-3-0
- 401.657 건축론연구(Studies in Theory of Architecture) 3-3-0
- 401.658 한국건축사세미나(Seminar in History of Korean Architecture) 3-3-0
- 401.659 동양건축사세미나(Seminar in History of Asian Architecture) 3-3-0
- *401.660 한국건축사연구방법론(Methodology in History of Korean Architecture) 3-3-0
- 401.661 건축기술특론(Advanced Building Construction Technology) 3-3-0
- 401.664 건축구조진동론(Strucutural Dynamics of Building Structures) 3-3-0
- 401.667 콘크리트소성학특론(Advanced Theory of Concrete Plasticity) 3-3-0
- 401.668 건설경영공학론(Construction Management and Project Engineering) 3-3-0
- 401.669 건축구조해석 및 응용(Strucutural Analysis Theory and Applications) 3-3-0
- 401.770 철골구조소성학(Behavior and Plastic Design of Steel Structures) 3-3-0
- 401.771 유한요소응용(Finite Element Implementation) 3-3-0
- 401.772 철골구조안정론(Stability of Steel Structures) 3-3-0
- 401.773 건축공간분석학(Architectural Space Analysis) 3-3-0
- 401.775 건축내진공학(Earthquake Engineering for Building Structures) 3-3-0
- *401.776 건축환경계획방법론연구(Studies in Building Technologies) 3-3-0
- **M1499.014900 도시설계연구(Studies in Urban Design) 3-3-0
- M1498.002300 건축과 AI (Architecture and AI) 3-3-0
- M1498.002400 ICT기반 스마트 건축 (ICT-Based Smart Architecture) 3-3-0
- M1498.002500 데이터기반 건축시스템 설계와 운영 (Data-Driven Design and Operation of Building Systems) 3-3-0
- M1498.002600 건축이론세미나(Architectural Theory Seminar) 3-3-0
- M1498.002800 건설관리 연구방법론(Research Methods in Construction) 3-3-0
- 401.803 대학원논문연구(Dissertation Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Architecture and Architectural Engineering)

서울대학교 대학원 과목 중 지도교수가 추천하고 학과장이 승인하는 과목

교과목 이수규정

(Departmental Course Requirements)

학과 내규에 따름

406. 산업공학과(Department of Industrial Engineering)

- 406.544 추계학(Stochastic Processes) 3-3-0
- 406.545 기술혁신이론 및 연구방법론(Basic Theories and

Research Methodology of Technological Innovation) 3-3-0	414.557	선박유체역학특강(Topics in Ship Hydrodynamics) 3-3-0
406.546 데이터마이닝기법(Data Mining Technology) 3-3-0	*414.559	수치선박유체역학(Computational Marine Hydrodynamics) 3-3-0
406.547 제품공학(Product Engineering) 3-3-0		
406.548 인간-기계 인터페이스 설계 및 평가(Design and Evaluation of Human-Machine Interface) 3-3-0	*414.560	선체구조특강(Topics in Ship Structures) 3-3-0
406.550 통계학습 고등논제(Advanced Topics in Statistical Learning) 3-3-0	414.561	선체구조설계특강(Topics in Ship Structural Design) 3-3-0
406.552 생산계획 및 통제(Production Planning and Control) 3-3-0	414.562	해양공학설계특강(Topics in Ocean Engineering Design) 3-3-0
406.554 인간성능(Human Performance) 3-3-0	414.650	선박난류전산해석(Computational Fluid Dynamics for Turbulent Ship Flows) 3-3-0
406.555 기업정보시스템공학(Enterprise Information Systems Engineering) 3-3-0	414.652	점성유동해석(Analysis of Viscous Fluid Flows) 3-3-0
406.556 공업경제분석(Engineering Economic Analysis) 3-3-0	414.653	고급전산역학이론(Advanced Theories of Computational Mechanics) 3-3-0
406.557 사용자중심 제품설계 개발론(User-Centered Product Design & Development) 3-3-0	*414.654	고급선박유체역학(Advanced Ship Hydrodynamics) 3-3-0
*406.559 산업공학특론(Topics in Industrial Engineering) 3-3-0	414.656	소음제어공학(Noise Control Engineering) 3-3-0
406.561 데이터기반학습(Learning from Data) 3-3-0	414.752	시물레이션기반생산시스템(Simulation-based Manufacturing Systems) 3-3-0
406.563 최적화론(Convex Optimization) 3-3-0		
406.565 작업생체역학(Occupational Biomechanics) 3-3-0	*414.761	조선공학특론(Advanced Topics in Naval Architecture) 3-3-0
406.568 확률모형특론(Special Topics in Probability Models) 3-3-0	*414.762	해양공학특론(Advanced Topics in Ocean Engineering) 3-3-0
406.652 조합최적화(Combinatorial Optimization) 3-3-0		
406.653 스케줄이론(Theory of Scheduling) 3-3-0	414.764	선박소음진동측정분석법(Ship Noise and Vibration Measurements and Analysis) 3-3-0
406.659 응용 다변량 통계분석(Applied Multivariate Statistical Analysis) 3-3-0	414.765	선박구조진동음향학(Ship Structural Vibroacoustics) 3-3-0
406.667 정수최적화(Integer Optimization) 3-3-0	414.766	설계민감도해석(Design Sensitivity Analysis) 3-3-0
*406.751 산업공학세미나(Seminar in Industrial Engineering) 1-1-0	414.767	수중음향학(Fundamentals of Underwater Acoustics) 3-3-0
406.752 자동차 인간공학(Vehicle Ergonomics) 3-3-0		
406.811 대학원논문연구(Dessertation Research) 3-3-0	414.768	해양음파전달이론(Theory of Sound Wave Propagation in the Ocean) 3-3-0
M1505.000100 재고관리(Inventory Management) 3-3-0		
M1505.000900 협업설계 및 공학응용(Collaborative Product Design and Engineering) 3-3-0	414.769	탄성연속체역학(Continuum Mechanics and Elasticity) 3-3-0
M1505.001200 경쟁시스템분석(Competitive Systems Analysis) 3-3-0	M1513.001700	산업밀착형프로젝트실습(Project Exercise in IC-PBL) 3-3-0
M1505.001300 기계학습 산업응용(Industrial Application of Machine Learning) 3-3-0	M1513.001800	자율주행 이동 로봇공학(Autonomous Mobile Robotics) 3-3-0
M1505.001700 스마트시스템 인간공학(Smart System Ergonomics) 3-3-0	M1513.001900	베이저안 네트워크(Bayesian Networks) 3-3-0
406.660 전략기획 및 통제(Strategic Planning and Control) 3-3-0	414.805	대학원논문연구(Dessertation Research) 3-3-0
M1505.001800 기술예측과 인텔리전스(Technology Forecasting and Intelligence) 3-3-0		

전공선택 인정과목

(Credited as Major Elective for Dept. of Industrial Engineering)

서울대학교 대학원과목 중 지도교수가 추천하고 학과장이 승인하는 과목

교과목 이수규정

(Departmental Course Requirements)

학과내규에 따름.

414. 조선해양공학과(Department of Naval Architecture and Ocean Engineering)

414.552	선박생산공학특강(Topics in Ship Production Engineering) 3-3-0
414.554	선박조종론특론(Advanced Maneuverability of Ship) 3-3-0
414.556	선박설계자동화특강(Topics in Ship Design Automation) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Naval Architecture and Ocean Engineering)

서울대학교 대학원과목 중 지도교수가 추천하고 학부장이 승인하는 과목

교과목 이수규정

(Departmental Course Requirements)

학과내규에 따름.

4190. 컴퓨터공학부(Department of Computer Science and Engineering)

M1522.002900	계산이론(Theory of Computation) 3-3-0
4190.562	고급그래픽스(Advanced Graphics) 3-3-0
4190.568	고급운영체제(Advanced Operating Systems) 3-3-0
4190.569	고급인공지능(Advanced Artificial Intelligence) 3-3-0
M1522.004000	컴파일러최적화(Compiler Optimizations) 3-3-0
4190.571	고급컴퓨터구조(Advanced Computer Architecture) 3-3-0
4541.572	고급컴퓨터네트워크(Advanced Computer Networks) 3-3-0

- *M1522.004600 프로그래밍언어특강(Topics in Programming Languages) 3-3-0
- *M1522.004300 객체지향시스템특강(Topics in Object-Oriented Systems) 3-3-0
- M1522.006300 분산시스템(Distributed Systems) 3-3-0
- M1522.004100 컴퓨터애니메이션(Computer Animation) 3-3-0
- 4190.664A 프로그램분석(Static Program Analysis) 3-3-0
- 4190.666 기계학습(Machine Learning) 3-3-0
- 4190.667 기하모델링(Geometric Modeling) 3-3-0
- 4190.668A 디지털시스템설계방법론(Digital Systems Design Methodology) 3-3-0
- M1522.004200 확률기반네트워크모델링(Probability-based Network Modeling) 3-3-0
- 4190.672 실시간시스템(Real-Time Systems) 3-3-0
- 4190.673 암호학(Cryptography) 3-3-0
- 4190.676 인공신경망(Artificial Neural Networks) 3-3-0
- 4190.678 자연언어처리(Natural Language Processing) 3-3-0
- 4190.680 지식표현 및 추론(Knowledge Representation and Reasoning) 3-3-0
- 4190.681A 유전알고리즘(Genetic Algorithm) 3-3-0
- *M1522.005400 인간컴퓨터상호작용연구(Studies in Human-Computer Interaction) 3-3-0
- M1522.003200 멀티프로세서동기화(Multiprocessor Synchronization) 3-3-0
- M1522.003400 무선네트워크프로토콜(Wireless Network Protocols) 3-3-0
- *4190.761 계산이론특강(Topics in Theory of Computation) 3-3-0
- *4190.762 그래픽스특강(Topics in Computer Graphics) 3-3-0
- *4190.763 내장형시스템특강(Topics in Embedded Systems) 3-3-0
- *4190.765 데이터베이스특강(Topics in Database) 3-3-0
- *M1522.004500 컴퓨터시스템특강(Topics in Computer Systems) 3-3-0
- *4190.770 실시간시스템특강(Topics in Real-Time Systems) 3-3-0
- *4190.771 알고리즘특강(Topics in Algorithms) 3-3-0
- *4190.773 인공지능특강(Topics in Artificial Intelligence) 3-3-0
- *M1522.005600 컴파일러최적화연구(Studies in Compiler Optimizations) 3-3-0
- *4190.777 컴퓨터구조특강(Topics in Computer Architecture) 3-3-0
- *4190.778 컴퓨터네트워크특강(Topics in Computer Networks) 3-3-0
- *4190.781 고급컴퓨터공학세미나(Colloquium on Advanced Computer Engineering) 1-1-0
- 4190.960 대학원논문연구(Dissertation Research) 3-3-0
- *M1522.004400 인터넷보안특강(Topics in Internet Security) 3-3-0
- M1522.000500 정보시각화와 시각적분석(Information Visualization and Visual Analytics) 3-3-0
- M1522.001300 확률 그래프 모델(Probabilistic Graphical Models) 3-3-0
- M1522.001500 정보검색(Information Retrieval) 3-3-0
- *M1522.001600 대규모 데이터분석 특강(Topics in Big Data Analytics) 3-3-0
- M1522.003000 데이터베이스시스템(Database System) 3-3-0
- M1522.003500 비정형데이터베이스시스템(Non-relational Database System) 3-3-0
- M1522.003100 데이터압축(Data Compression) 3-3-0
- M1522.003300 모바일 및 유비쿼터스컴퓨팅(Mobile and Ubiquitous Computing) 3-3-0
- M1522.003600 생물정보학을 위한 기계학습(Machine Learning in Bioinformatics) 3-3-0
- M1522.003700 양자컴퓨팅(Quantum Computing) 3-3-0
- M1522.003800 온라인소셜미디어분석(Online Social Media

- Analysis) 3-3-0
- M1522.003900 인공지능 및 빅데이터시스템(Artificial Intelligence and Big Data Systems) 3-3-0
- *M1522.004700 계산이론연구(Studies in Theory of Computation) 3-3-0
- *M1522.004800 그래픽스연구(Studies in Graphics) 3-3-0
- *M1522.004900 내장형시스템연구(Studies in Embedded Systems) 3-3-0
- *M1522.005000 데이터마이닝연구(Studies in Data Mining) 3-3-0
- *M1522.005100 데이터베이스연구(Studies in Database) 3-3-0
- *M1522.005200 실시간시스템연구(Studies in Real-Time Systems) 3-3-0
- *M1522.005300 인간중심컴퓨팅연구(Studies in Human-Centered Computing) 3-3-0
- *M1522.005500 인공지능연구(Studies in Artificial Intelligence) 3-3-0
- *M1522.005700 컴퓨터구조연구(Studies in Computer Architecture) 3-3-0
- *M1522.005800 컴퓨터네트워크연구(Studies in Computer Networks) 3-3-0
- *M1522.005900 컴퓨터시스템연구(Studies in Computer Systems) 3-3-0
- *M1522.006000 프로그래밍언어연구(Studies in Programming Languages) 3-3-0
- M1522.006100 블록체인과 탈중앙화인터넷(Blockchain and Decentralized Internet) 3-3-0
- M1522.006200 인터넷인증과 익명화(Authentication and Anonymization on Internet) 3-3-0
- M1522.006500 컴퓨터과학 중심의 융합연구(Interdisciplinary Research in Computer Science) 3-3-0
- M1522.006600 지능형 컴퓨팅 시스템 디자인 프로젝트(Intelligent Computing System Design Project) 3-1-4
- M1522.006700 확장형 고성능 컴퓨팅(Scalable High-Performance Computing) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Electrical Engineering and Computer Science)

서울대학교 대학원과목 중 학부장이 인정하는 과목

교과목 이수규정
(Departmental Course Requirements)

해당사항 없음.

430. 전기·정보공학부(Department of Electrical and Computer Engineering)

- 430.502 전기전자기술의 산업응용(Industrial applications of electrical and electronic technologies) 3-3-0
- 430.512 선형시스템이론(Linear System Theory) 3-3-0
- 430.513 시스템수학이론(Mathematical System Theory) 3-3-0
- 430.523 확률신호론(Random Signal Theory) 3-3-0
- 430.525A 데이터네트워크(Data Networks) 3-3-0
- 430.531 고체전자공학의 기초(Introduction to Solid State Electronics) 3-3-0
- 430.534A 고급디지털집적회로(Advanced Digital Integrated Circuits) 3-3-0
- 430.554 컴퓨터이용설계의기초(Introduction to Computer - Aided Design) 3-3-0
- 430.555 지식 및 데이터베이스 시스템(Knowledge and Database Management Systems) 3-3-0
- 430.604A 최적화기법의 전력시스템 응용(Power System Application of Optimization Methods) 3-3-0

430.606	전기기기제어론(Electric Machine Control Theory) 3-3-0	430.811A	나노소자 및 양자전송(Nanoelectronic Devices and Quantum Transport) 3-3-0
430.607	전기기기최적설계(Optimal Design of Electric Machines) 3-3-0	*430.828	반도체소자특강(Topics in Semiconductor Devices) 3-3-0
430.609	전기유한요소법(Finite Element Method in Electrical Engineering) 3-3-0	*430.829	생체전자공학특강(Topics in Bioelectronics) 3-3-0
430.610A	고급전력시장이론(Advanced electricity market theory) 3-3-0	430.830	광정보처리(Optical Information Processing) 3-3-0
430.611	전력시스템공학(Power System Engineering) 3-3-0	*430.831	집적회로특강(Topics in Integrated Circuit Design) 3-3-0
430.612	전력시스템모델링 및 시뮬레이션(Power System Modeling and Simulation) 3-3-0	430.832A	나노광학(Nano-Optics) 3-3-0
430.614	전력시스템운영론(Power System Operation) 3-3-0	430.833A	디스플레이공학(Display Engineering) 3-3-0
430.616	전자에너지변환론(Electromagnetic Conversion Theory) 3-3-0	430.835	박막소자(Thin Film Devices) 3-3-0
430.617A	유기반도체(Organic Semiconductor) 3-3-0	430.836	비선형광공학(Nonlinear Optical Engineering) 3-3-0
*430.629A	전기에너지변환 및 회로특강(Topics in Electric Energy Conversion and Circuit) 3-3-0	430.837A	분자나노공학(Principles of Molecular Nanotechnology) 3-3-0
430.630	고급컴파일러(Advanced Compilers) 3-3-0	430.839	전자광학(Electro-optics) 3-3-0
430.632A	내장형시스템소프트웨어(Embedded Systems Software) 3-3-0	430.843	고급프로그래밍방법론(Advanced Programming Methodology) 3-3-0
430.633A	SoC설계자동화(SoC Design Automation) 3-3-0	430.844	MEMS 공정 및 설계(Micro-Electro Mechanical Systems Design and Fabrication) 3-2-2
430.636	컴퓨터조직 및 설계(Computer Organization and Design) 3-3-0	*430.859	전자물리특강(Topics in Electro-physics) 3-3-0
430.638	그래픽스프로그래밍(Graphics Programming) 3-3-0	430.960	대학원논문연구(Dissertation Research) 3-3-0
*430.658	시스템소프트웨어특강(Topics in System Software) 3-3-0	M2608.000300	고급생체전기정보공학(Advanced Bioelectrical and Computer Engineering) 3-3-0
*430.659	컴퓨터 및 VLSI특강(Topics in Computer and VLSI) 3-3-0	M2608.000400	나노생체공학(Nanobiotechnology) 3-3-0
430.702	동역학응용 및 모델링(Modeling and Applied Dynamics) 3-3-0	M2608.000600	생체이미징공학(Bioimaging) 3-3-0
430.704	비선형시스템이론(Nonlinear System Theory) 3-3-0	M2608.001700	스토캐스틱 제어 및 강화학습(Stochastic Control and Reinforcement Learning) 3-3-0
430.705	비선형제어이론(Advanced Topics in Nonlinear Control) 3-3-0	M2608.002100	고급 딥러닝(Advanced Deep Learning) 3-3-0
430.707A	패턴인식(Pattern Recognition) 3-3-0		
430.709A	최적화기법(Optimization Theory and Applications) 3-3-0		
430.710	지능로봇 및 응용(Intelligent Robot and Applications) 3-3-0		
430.713	최적제어이론(Optimal Control Theory) 3-3-0		
430.714	추정이론(Estimation Theory) 3-3-0		
*430.729	제어자동화특강(Topics in Control and Automation) 3-3-0		
430.730	검출 및 추정(Detection and Estimation) 3-3-0		
430.732	고급오류정정부호(Advanced Error Correcting Codes) 3-3-0		
430.734	고급전자기학 1(Advanced Electromagnetics 1) 3-3-0		
430.735	고급전자기학 2(Advanced Electromagnetics 2) 3-3-0		
430.737B	컴퓨터 및 네트워크보안(Computer and Network Security) 3-3-0		
430.742	음성신호처리(Speech Signal Processing) 3-3-0		
430.746	채널부호화이론(Channel Coding Theory) 3-3-0		
430.748	초고주파회로(Microwave Circuits) 3-3-0		
M2608.001000	영상 및 비디오 신호처리(Image and Video Signal Processing)		
430.751A	고급이동통신(Advanced Wireless Communications) 3-3-0		
430.752B	무선네트워크(Wireless Networking) 3-3-0		
*430.758	신호처리특강(Topics in Signal Processing) 3-3-0		
*430.759	통신공학특강(Topics in Communications) 3-3-0		
430.803A	반도체공정(Semiconductor Processes) 4-2-4		
430.805	반도체미세공정(Microelectronics Fabrication) 3-1-4		
430.806A	반도체성질 및 소자(Semiconductor Device Engineering) 3-3-0		
430.808	반도체센서 및 액츄에이터(Semiconductor Sensors and Actuators) 3-3-0		
430.809	신경보완기술(Neural Prosthesis) 3-3-0		
		430.811A	나노소자 및 양자전송(Nanoelectronic Devices and Quantum Transport) 3-3-0
		*430.828	반도체소자특강(Topics in Semiconductor Devices) 3-3-0
		*430.829	생체전자공학특강(Topics in Bioelectronics) 3-3-0
		430.830	광정보처리(Optical Information Processing) 3-3-0
		*430.831	집적회로특강(Topics in Integrated Circuit Design) 3-3-0
		430.832A	나노광학(Nano-Optics) 3-3-0
		430.833A	디스플레이공학(Display Engineering) 3-3-0
		430.835	박막소자(Thin Film Devices) 3-3-0
		430.836	비선형광공학(Nonlinear Optical Engineering) 3-3-0
		430.837A	분자나노공학(Principles of Molecular Nanotechnology) 3-3-0
		430.839	전자광학(Electro-optics) 3-3-0
		430.843	고급프로그래밍방법론(Advanced Programming Methodology) 3-3-0
		430.844	MEMS 공정 및 설계(Micro-Electro Mechanical Systems Design and Fabrication) 3-2-2
		*430.859	전자물리특강(Topics in Electro-physics) 3-3-0
		430.960	대학원논문연구(Dissertation Research) 3-3-0
		M2608.000300	고급생체전기정보공학(Advanced Bioelectrical and Computer Engineering) 3-3-0
		M2608.000400	나노생체공학(Nanobiotechnology) 3-3-0
		M2608.000600	생체이미징공학(Bioimaging) 3-3-0
		M2608.001700	스토캐스틱 제어 및 강화학습(Stochastic Control and Reinforcement Learning) 3-3-0
		M2608.002100	고급 딥러닝(Advanced Deep Learning) 3-3-0
			전공선택 인정과목
			(Credited as Major Elective for Dept. of Electrical and Computer Engineering)
			서울대학교 대학원과정 중 학부장이 인정하는 과목
			교과목 이수규정
			(Departmental Course Requirements)
			해당사항 없음.
			445. 재료공학부(Department of Materials Science and Engineering)
		445.604A	투과전자현미경학특강(Topics in Transmission Electron Microscopy) 3-2-2
		445.607	고체이온공학(Solid State Ionics) 3-3-0
		445.608	미세소자재료공학(Materials Science in Micro Devices) 3-3-0
		445.609	응용전기화학특강(Topics in Applied Electrochemistry) 3-3-0
		445.616	결정구조해석(Crystal Structure Analysis) 3-3-0
		445.619	재료열역학(Thermodynamics of Materials) 3-3-0
		445.620	고체반응속도론(Kinetic Processes in Materials) 3-3-0
		445.623	박막공학(Thin Film Technology) 3-3-0
		445.630	섬유복합재료특강(Topics in Fiber Reinforced Composite Materials) 3-3-0
		445.631A	소성재료역학(Plasticity of Materials) 3-3-0
		445.636	초전도재료특강(Topics in Superconducting Materials) 3-3-0
		445.637	재료의 전자물성(Electronic Properties of Materials) 3-3-0
		445.639	자성재료특강(Topics in Magnetic Materials) 3-3-0
		445.640	재료의 집합조직과 이방성(Texture and Anisotropy of Materials) 3-3-0
		445.651	통계열역학(Statistical Thermodynamics) 3-3-0

- *445.655A 물리야금특강(Topics in Physical Metallurgy) 3-3-0
- 445.656A 경량금속재료특강(Topics in Light Metals) 3-3-0
- 445.657A 재료공정전산응용(Computer Application in Material Processes) 3-3-0
- 445.658 상평형의 계산과 응용(Calculation of Phase Equilibrium and its Applications) 3-3-0
- 445.660 반도체물리(Semiconductor Device Physics) 3-3-0
- 445.661 반도체고집적기술(Advanced Integration Technology of Semiconductor) 3-3-0
- *445.663A 반도체재료특강(Topics in Semiconductor Materials) 3-3-0
- 445.664A LED공학개론(Introduction to LED Engineering) 3-3-0
- 445.665 결정미소역학(Micromechanics of Crystalline Solid) 3-3-0
- 445.667A 특허와 정보분석(Patents and Information Analysis) 3-3-0
- 445.668A 세라믹 특강(Topics in Ceramic Materials) 3-3-0
- *445.670A 복합재료합성특강(Topics in Composite Materials Synthesis) 3-3-0
- 445.672A 재료콜로퀴엄1(Materials Colloquium 1) 1-1-0
- 445.674A 고분자물리학 1(Polymer Physics 1) 3-3-0
- 445.675A 고분자물리학 2(Polymer Physics 2) 3-3-0
- 445.677A 재료색채과학(Colour Science of Materials) 3-3-0
- 445.680 색소유기화학(Organic Chemistry in Colour) 3-3-0
- *445.682B 재료유변학특론(Topics in Rheology of Materials) 3-3-0
- 445.684A 생체의료용 유기재료(Biomedical Organic Materials) 3-3-0
- 445.685 고분자구조연구(Special Topics in Polymer Structure) 3-3-0
- 445.686 환경기능신소재연구(Environmentally Functioning Materials) 3-3-0
- 445.687B 재료전산모사(Modeling and Simulation of Materials) 3-3-0
- 445.688 고분자유기화학특강(Topics in Organic Chemistry of Polymers) 3-3-0
- 445.690 고체고분자캐릭터리제이션(Characterization of Solid Polymers) 3-3-0
- 445.693 재료비탄성수치해석(Computational Inelasticity for Polymeric Materials) 3-3-0
- 445.694 진공장비와 계측제어(Vacuum Systems and Signal Measurement) 3-3-0
- 445.695 유전박막재료(Dielectric Thin Film Materials) 3-3-0
- *445.696 재료산업과 기술혁신(Materials Industry and Technology Innovation) 3-3-0
- 445.698 재료콜로퀴엄2(Materials Colloquium 2) 1-1-0
- 445.699 재료콜로퀴엄3(Materials Colloquium 3) 1-1-0
- 445.702 재료 상평형 특론(Phase Equilibria in Materials) 3-3-0
- 445.703 이차전지재료과학(Materials Science for Advanced Batteries) 3-3-0
- *445.704 바이오 및 융합 재료 심화 연구(Current Status of Bio and Integrated Materials) 3-3-0
- *445.705 디스플레이 반도체 전자 재료 심화 연구(Current Status of Electronic Materials) 3-3-0
- *445.706 에너지 환경 재료 심화 연구(Current Status of Energy/Environmental Materials) 3-3-0
- *445.707 구조재료 심화 연구(Current Status of Structural Materials) 3-3-0
- 445.803 대학원논문연구(Dissertation Research) 3-3-0
- M1569.000100 유기정보에너지전자소재(Organic Information and Energy Electronics) 3-3-0
- M1569.000200 고급응고학(Advanced Solidification) 3-3-0
- M0000.022200 전산소성역학(Computational Plasticity) 3-3-0
- M1569.000400 2차원소재및응용(Two-dimensional Materials and

- Applications) 3-3-0
- M1569.000500 항암면역치료용 생체재료(Biomaterials for Cancer Immunotherapy) 3-3-0
- M1569.000700 태양에너지 변환 소재 및 소자(Materials and Devices for Solar Energy Utilization) 3-3-0
- M1569.000800 고급 고분자 재료화학(Advanced Polymer Materials Chemistry) 3-3-0
- M1569.000900 재료연구설계(Design for Materials Research) 3-3-0
- M1569.001000 면역질환치료용 생체재료(Biomaterials for Immune-Related Disease) 3-3-0
- M1569.001100 학생주도 대학원 재료 세미나(Graduate Seminar for Materials Science and Engineering) 1-1-0
- M1569.001300 재료공학 기초핵심 역량강화(Reinforcement of Basic Core Competencies for Materials Science and Engineering) 3-3-0
- M1569.001400 재료공학 졸업연구(Advanced Graduation Research of Materials Science and Engineering) 3-3-0
- M1569.001500 재생에너지용 세라믹스 기능재료(Functional Ceramics for Renewable Energy) 3-3-0
- M1569.001600 지능형반도체 신소재(Advanced Materials for AI Semiconductor Devices) 3-3-0
- M1569.001700 지속가능한 사회를 위한 재료 선택(Materials Selection for Sustainable Society) 3-3-0

4451. 하이브리드재료전공(Hybrid Materials Major)

- 4451.601 재료구조론(Theories of Structure of Materials) 3-3-0
- 4451.610A 의료용 생체 복합재료(Composite Materials for Biomedical Applications) 3-3-0
- *4451.611 에너지 변환 및 저장용 하이브리드 재료(Hybrid Materials for Energy Conversion and Storage) 3-3-0
- 4451.614 유기반도체의 전기 광학적 성질(Electrical and Optical Properties of Organic Semiconductors) 3-3-0
- *4451.619 하이브리드 재료 특강 1(Topics in Hybrid Materials 1) 3-3-0
- 4451.621 분자전자재료특강(Advanced Molecular Electronics Materials) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Materials Science Engineering)

공과대학의 타학과(부) 및 자연계대학 과목 중 지도교수 및 학부장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

- ① 학부내규에 따름
- ② 재료공학부 및 재료공학부(하이브리드 재료 전공)의 교과과정은 통합 운영하는 것으로 함.

457. 건설환경공학부(Department of Civil and Environmental Engineering)

건설환경공학 전공

(Civil and Environmental Engineering Major)

- 457.512 판 및 셸 이론(Theory of Plates and Shells) 3-3-0
- 457.514A 해양구조공학(Offshore Structures Engineering) 3-3-0
- 457.515 내진공학(Fundamentals of Earthquake Engineering) 3-3-0
- M1586.002700 고급구조진동론(Advanced Dynamics of Structures) 3-3-0

- Engineering) 3-3-0
- M1586.001200 고급 수질학(Advanced Water Quality) 3-3-0
- M1586.002600 고급건설재료학(Advanced Construction Materials) 3-3-0
- M3204.000200 스마트시티 인턴십(Internship on Smart City Engineering) 3-1-4
- M3204.000300 스마트시티 설계스튜디오(Urban Design Studio for Smart City) 4-4-0
- M3204.000400 스마트시티를 위한 센서와 측정(Sensor and Measurement for Smart City) 3-3-0
- M3204.000500 미래도시의 계획과 설계(Urban Planning and Design for Future City) 3-3-0
- M3204.000600 스마트시티 인프라 정보공학(Information Engineering for Infrastructures in Smart Cities) 3-3-0
- M3204.000700 데이터 중심 건설사업관리(Data-Driven Project Management in Construction) 3-3-0
- M3204.000800 스마트도시 창업(SmartCity Startup) 3-3-0
- M3204.000900 스마트도시공학개론(Introduction to Smart City Engineering) 2-2-0
- M3204.001000 공간정보특론(Advanced Geospatial Engineering) 3-3-0
- M3204.001100 도시 빅데이터 분석(Urban Big Data Analytics) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Civil, Urban and Geosystem Engineering)

서울대학교 대학원과목 중에서 지도교수가 추천하고 학부장이 승인하는 과목을 전공선택과목으로 인정함.

교과목 이수규정

(Departmental Course Requirements)

해당사항 없음.

458. 화학생물공학부(Department of Chemical and Biological Engineering)

- 458.501 이동현상(Transport Phenomena) 3-3-0
- 458.502 반도체화학공정(Cheical Processes in Semiconductor Fabrication) 3-3-0
- 458.503 생유기화학(Bioorganic Chemistry) 3-3-0
- 458.505 고급환경공학(Advanced Environmental Engineering) 3-3-0
- 458.602 분자열역학(Molecular Thermodynamics) 3-3-0
- 458.611 화학수치해석(Numerical Methods in Chemical Engineering) 3-3-0
- 458.613 고분자유변학(Polymer Rheology) 3-3-0
- 458.616 고분자프로세싱(Polymer Processing) 3-3-0
- 458.621 전기화학특론(Advanced Electrochemistry) 3-3-0
- 458.622 표면화학특론(Advanced Surface Chemistry) 3-3-0
- 458.624 에너지공학(Energy Engineering) 3-3-0
- 458.632 촉매공학(Catalyst Engineering) 3-3-0
- 458.641 고분자합성(Synthesis of High Polymers) 3-3-0
- 458.642 고분자물성특론(Advanced Structures and Properties of Polymers) 3-3-0
- 458.643 정밀화학특론(Advanced Organic Chemistry for Fine Chemicals) 3-3-0
- 458.645 고분자재료특강(Topics on Polymeric Materials) 3-3-0
- 458.653 고급유기합성화학(Advanced Organic Synthesis) 3-3-0
- 458.662 분자생물공학특론(Advanced Molecular Biochemical Engineering) 3-3-0

- 458.673 생물화학공학특론(Advanced Biochemical Engineering) 3-3-0
- 458.675 수질화학(Aquatic Chemistry) 3-3-0
- M0000.026500 학습기반 공정 동적최적화(Learning-based Process Dynamic Optimization) 3-3-0
- M0000.026600 반응기 설계 및 해석(Design and Analysis of Chemical Reactors) 3-3-0
- M1587.000500 재생공학특론(Advanced Regenerative Engineering) 3-3-0
- M1587.000600 항체공학(Antibody Engineering) 3-3-0
- M1587.000700 생물모사공학(Biomimetic Engineering) 3-3-0
- M1587.000800 합성생물학특론(Advanced Synthetic Biology) 3-3-0
- M1587.000900 생물공정공학특론(Advanced Bioprocess Engineering) 3-3-0
- *458.701 공정시스템특강(Topics in Process and System Engineering) 3-3-0
- *458.702 무기 및 반도체특강(Topics in Inorganic Material and Semiconductor Process) 3-3-0
- *458.703 정밀화학 및 고분자특강(Topics in Fine Chemicals and Polymeric Materials) 3-3-0
- *458.704 생물 및 환경공학특강(Topics in Biological and Environmental Engineering) 3-3-0
- 458.710 화학산업 대학원세미나(Graduate Seminar for Chemical Engineers) 1-2-0
(6개 학기 반복이수가능)(S/U평가)
- 458.711 화학생물공학대학원세미나(Graduate Seminar) 1-2-0
(6개 학기 반복이수가능)(S/U평가)
- 458.803 대학원논문연구(Dessertation Research) 3-3-0

4582. 에너지환경화학융합기술전공

(Chemical Convergence for Energy and Environment Major)

- 4582.502 고체물리화학(Solid State Physical Chemistry) 3-3-0
- 4582.503 기능성고분자나노소재(Functional Polymer Nanomaterials) 3-3-0
- 4582.504 기능성무기나노소재(Functional Inorganic Nanomaterials) 3-3-0
- 4582.505 에너지환경 화학융합개론(Introduction to Chemical Convergence for Energy and Environment) 3-3-0
- 4582.608 전기화학에너지공학(Electrochemical Energy Engineering) 3-3-0
- M1600.000100 유기 전자재료(Organic Electronic Materials) 3-3-0
- M1600.000200 재료산업과 기술혁신(Materials Industry and Technology Innovation) 3-3-0
- *4582.702 에너지환경 화학융합특강 1(Special Topics to Chemical Convergence for Energy and Environment 1) 3-3-0
- *4582.703 에너지환경 화학융합특강 2(Special Topics to Chemical Convergence for Energy and Environment 2) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Chemical Engineering)

공과대학 및 자연과학대학 대학원과목 중 학부장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

- ① 학부내규에 따름.
- ② 화학생물공학부 및 화학생물공학부(에너지환경 화학융합기술전공)의 교과과정은 통합 운영하는 것으로 함

459. 에너지시스템공학부(Department of Energy Systems Engineering)

공통과목(Core Courses)

- *459.500 에너지정책세미나(Seminar in Energy Issues) 3-3-0
- 459.501 폐기물지층처분공학개론(Fundamental Waste Disposal Engineering in Underground Rock Mass) 3-3-0
- *459.502 고급에너지경제학연구(Advanced Energy and Energy Technology Economics) 3-3-0
- *459.503 탄성파탐사특강(Topics in Seismic Prospecting) 3-3-0
- *459.570A 에너지시스템공학특강(Special Topics in Energy Systems) 3-3-0
- 459.575 원자력통제와 국제협력(Nuclear Control and International Cooperation) 3-3-0
- *459.600 석유가스공학특강(Topics in Petroleum and Gas Engineering) 3-3-0
- 459.601 에너지시스템신뢰도공학(Energy System Reliability Analysis) 3-3-0
- 459.700 환경표면화학(Environmental Surface Chemistry) 3-3-0
- 459.803 대학원논문연구(Dissertation Research) 3-3-0
- M1589.000300 에너지시스템재료 특론(Special Topic on Advanced Energy System Materials) 3-3-0
- *M1589.001400 에너지시스템종합설계(Energy Systems Integrated Design) 3-3-0

에너지자원공학전공(Energy Resource Engineering Major)

- M0000.012400 지오메카닉스 원론(Fundamentals of Geomechanics) 3-3-0
- *M0000.019800 저류층 관리 최적화(Optimization of Reservoir Management) 3-3-0
- *M0000.019900 석유물리특강(Topics in Petrophysics) 3-3-0
- *M0000.020000 저류공학특강(Topics in Reservoir Engineering) 3-3-0
- M0000.027200 디지털 암반조사(Digital Rock Mass Survey) 3-3-0
- *M0000.027300 석유공학기계학습응용(Machine Learning Applications in Petroleum Engineering) 3-3-0
- M0000.027400 암반굴착데이터분석(Rock Excavation Data Analysis) 3-3-0
- *M0000.027500 학습기반 유정운영최적화(Learning Based Optimization of Well Operation) 3-2-2
- M0000.027600 자원경영데이터계량분석(Advanced Principles of Resource Business Data Analysis) 3-3-0
- M3510.000100 탄소 포집, 활용, 저장 기술(Carbon Capture, Utilization and Storage Technology) 3-3-0
- *459.525 에너지자원세미나(Energy Resources Seminar) 1-1-0
- 459.620 전기탐사특강(Topics in Electrical Prospecting) 3-3-0
- *459.621 응용지구화학특강(Topics in Applied Geochemistry) 3-3-0
- *459.624 지구물리수치해석(Numerical Analysis in Geophysics) 3-3-0
- 459.627 암반응력해석(Rock Stress Analysis) 3-3-0
- 459.628 지반재해분석(Geohazards Assessment) 3-3-0
- *459.629 환경지구화학특강(Topics in Environmental Geochemistry) 3-3-0
- *459.630 환경분리공정(Separation Process in Waste Minimization) 3-3-0
- *459.632 에너지환경 지오메카닉스 특론(Topics in Energy and Environmental Geomechanics) 3-3-0
- *459.720 산업경제계량분석(Econometric Analysis of Industry and Technology) 3-3-0
- 459.722 지구물리역산특강(Topics in Geophysical Inverse Theory) 3-3-0

- *459.723 고급지구통계학(Advanced Geostatistics) 3-2-2
- 459.725 암석파괴역학(Fracture Mechanics of Rocks and Other Brittle Materials) 3-3-0
- *459.726 전자탐사특강(Topics in Electromagnetic Prospecting) 3-3-0
- 459.727A 에너지시스템 GIS설계(GIS for Energy System Design) 3-3-0
- 459.729 암반불연속면해석(Analysis of Rock Mass Discontinuities) 3-3-0
- 459.731 다공성 매질의 탄성체역학(Theory of Poroelasticity) 3-3-0
- 459.732 전산암반공학(Numerical Analysis in Rock Engineering) 3-2-2

원자핵공학전공(Nuclear Engineering Major)

- 459.504A 원자력시스템공학(Nuclear Systems Engineering) 3-3-0
- 459.560 원자로정특성해석(Analysis of Static Reactor Characteristics) 3-3-0
- 459.561 응용핵물리특강(Topics in Applied Nuclear Physics) 3-3-0
- 459.562 핵융합플라즈마이론 1(Theory of Fusion Plasmas 1) 3-3-0
- 459.563 핵융합플라즈마이론 2(Theory of Fusion Plasmas 2) 3-3-0
- 459.564 핵변환공학(Nuclear Transmutation Engineering) 3-3-0
- 459.565 핵연료공학(Nuclear Fuel Engineering) 3-3-0
- *459.567 공정플라즈마특강(Topics in Plasma Processing) 3-3-0
- 459.568 핵계측전자공학(Nuclear Electronics) 3-3-0
- 459.569 감마선분광학(Gamma-ray Spectroscopy) 3-3-0
- *459.571 방사선공학특강(Special Topics in Radiation Engineering) 3-3-0
- 459.573 몬테칼로 방사선해석(Monte Carlo Radiation Analysis) 3-3-0
- 459.574 몬테칼로 원자로해석(Monte Carlo Reactor Analysis) 3-3-0
- 459.662 핵융합 및 플라즈마실험(Advanced Fusion and Plasma Laboratory) 3-0-6
- 459.663 고급원자로동력학(Advanced Reactor Dynamics) 3-3-0
- 459.664 가속기공학(Accelerator Engineering) 3-3-0
- *459.666A 핵융합 및 플라즈마특강(Topics in Fusion and Plasma Studies) 3-3-0
- 459.760 핵융합로공학 1(Fusion Reactor Technology 1) 3-3-0
- 459.761 핵융합로공학 2(Fusion Reactor Technology 2) 3-3-0
- 459.762 중성자수송론(Neutron Transport Theory) 3-3-0
- 459.766 원자로안전해석 1(Reactor Safety Analysis 1) 3-3-0
- 459.767 원자로안전해석 2(Reactor Safety Analysis 2) 3-3-0
- 459.770 이상유동열전달공학(Two-phase Flow and Heat Transfer Engineering) 3-3-0
- M1589.000100 원자력시스템창의(Nuclear Systems Initiative) 3-1-4
- M1589.000200 원자력시스템설계(Nuclear Systems Design) 3-3-0
- M0000.026800 원자론적 핵재료 시뮬레이션 입문(Introduction to Atomistic Simulations of Nuclear Materials) 3-3-0
- M1589.000600 방사선 안전관리 및 규제(Radiation Safety Management and Regulation) 3-3-0
- M1589.000700 원자력 안전규제(Nuclear Safety Regulation) 3-3-0
- M1589.001000 고성능 입자법 기반 열유체 시뮬레이션(High Performance Particle-Based Simulation for Thermofluids) 3-2-2
- M1589.001100 방사선 계측 및 응용(Radiation Measurements and

Applications) 3-3-0
M1589.001200 원자력 시스템 열전달 공학(Heat Transport Engineering for Nuclear System) 3-3-0
M1589.001300 원자력 에너지에 대한 사회적 관점(Social Dimension of Nuclear Energy) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Energy Systems Engineering)
서울대학교 대학원과정 중에서 지도교수가 추천하고 학부장이 승인하는 과목.

교과목 이수규정

(Departmental Course Requirements)

학부내규에 따름.

[경과규정]

- ① 2007학년도 이전에 대학원 원자핵공학과에 입학한 학생 중 대학원 에너지시스템공학부로 소속이 변경된 학생은 대학원 에너지시스템공학부의 교과과정을 이수하여야 한다.
- ② 2007학년도 이후에 대학원 지구환경시스템공학부에서 대학원 에너지시스템공학부로 소속이 변경된 학생은 대학원 에너지시스템공학부의 교과과정을 이수하여야 한다.

471. 기계공학부(Department of Mechanical Engineering)

M1598.000200 로봇 액츄에이션 및 센싱 매커니즘 설계 (Actuation and Sensing Mechanisms for Robots) 3-3-0
M2794.005200 기계공학 콜로키움(Student Research Colloquium in Mechanical Engineering) 1-1-0
M2794.005300 제어시스템 1(Control Systems 1) 3-3-0
M2794.005400 기초음향공학(Engineering Acoustics) 3-3-0
M2794.005500 로봇역학(Robot Mechanics) 3-3-0
M2794.005600 비선형 시스템 제어(Control of Nonlinear Dynamic Systems) 3-3-0
M2794.005700 동역학, 제어 및 로보틱스 특론(Advanced Topics in Dynamics, Control and Robotics) 3-3-0
M2794.005800 차량동역학 및 제어(Vehicle Dynamics and Control) 3-3-0
M2794.005900 제어시스템 2(Control System 2) 3-3-0
M2794.006000 벡터공간최적화(Vector Space Optimization) 3-3-0
*M2794.006100 진동학(Vibration) 3-3-0
M2794.006200 생체모사로봇공학(Biologically Inspired Robotics) 3-3-0
M2794.006300 바이오마이크로기전시스템(Bio-MEMS) 3-3-0
M2794.006400 입자 및 에어로졸공학(Particle and Aerosol Technology) 3-3-0
M2794.006800 정밀기계계측(Precision Metrology and Vision Inspection) 3-3-0
M2794.006900 제조고려설계(Design for Manufacturing) 3-3-0
M2794.007000 견실최적설계방법론(Robust Optimal Design Methodology) 3-3-0
M2794.007100 연속체역학(Continuum Mechanics) 3-3-0
*M2794.007200 소성역학(Plasticity) 3-3-0
*M2794.007300 유한요소해석(Finite Element Analysis) 3-3-0
M2794.007400 탄성학(Theory of Elasticity) 3-3-0
M2794.007500 판과 셸 전산해석(Computational Analysis of Plates and Shells) 3-3-0
M2794.007600 전산나노역학(Computational Nanomechanics) 3-3-0
M2794.007700 지능재료 및 설계(Smart Materials and Design) 3-3-0

M2794.007800 통계기반 공학해석 및 설계(Probabilistic Engineering Analysis and Design) 3-3-0
M2794.007900 고급열역학(Advanced Thermodynamics) 3-3-0
M2794.008000 고급기계공학해석(Advanced Mechanical Engineering Analysis) 3-3-0
M2794.008100 고급내연기관론(Advanced Internal Combustion Engine) 3-3-0
M2794.008200 대류열및물질전달(Convective Heat and Mass Transfer) 3-3-0
M2794.008300 복사열전달(Radiation Heat Transfer) 3-3-0
M2794.008400 열유동계측(Thermofluid Measurement) 3-3-0
M2794.008500 저온공학(Cryogenic Engineering) 3-3-0
M2794.008600 비점성유동(Inviscid Flow) 3-3-0
M2794.008700 점성유동(Viscous Flow) 3-3-0
M2794.008800 고급가스터빈론(Advanced Gas Turbines) 3-3-0
M2794.008900 마이크로유체역학(Micro Fluid Mechanics) 3-3-0
M2794.009000 기계공학수치해석(Numerical Analysis in Mechanical Engineering) 3-3-0
M2794.009100 난류유동(Turbulent Flows) 3-3-0
M2794.009200 전산유체역학(Computational Fluid Mechanics) 3-3-0
M2794.009300 터보기계(Turbomachinery) 3-3-0
*M2794.009600 고급기계설계문제연구 1(Advanced Topics in Mechanical Engineering 1) 3-3-0
*M2794.009700 고급기계설계문제연구 2(Advanced Topics in Mechanical Engineering 2) 3-3-0
*M2794.009800 고급기계설계문제연구 3(Advanced Topics in Mechanical Engineering 3) 3-3-0
*M2794.009900 고급기계설계문제연구 4(Advanced Topics in Mechanical Engineering 4) 3-3-0
M2794.010400 연료전지개론(Fuel Cell Fundamentals) 3-3-0
M2794.011300 대학원논문연구(Dissertation Research) 3-3-0
M2794.012300 레이저 이용 계측(Laser Diagnostics) 3-3-0
M2794.012400 다상유동(Multiphase Flow) 3-3-0
*M2794.012600 에너지 시스템 모델링(Energy System Modeling) 3-3-0
M2794.012700 정밀기계시스템설계(Precision Machine System Design) 3-3-0
M2794.012900 연소공학원론(Principles of Combustion Engineering) 3-3-0
M2794.013000 기계나노공정개론(Introduction to Mechanical Nanotech Processing) 3-3-0
M3228.000100 분자세포조직역학(Molecular, Cellular and Tissue Mechanics) 3-3-0
M3228.000200 스마트 제조 및 응용(Smart Manufacturing and Applications) 3-3-0
M3228.000300 센서기반 위치 및 공간정보 추정(Sensor-Based Spatial Intelligence) 3-3-0
M3228.000400 기계공학세미나 2(Mechanical Engineering Seminar 2) 1-1-0
M3228.000600 첨단제조공정(Advanced Manufacturing Processes) 3-3-0
M3228.000700 기계공학세미나 1(Mechanical Engineering Seminar 1) 1-1-0

4712. 멀티스케일기계설계 전공

(Multiscale Mechanical Design Major)

4461.526 멀티스케일물리, 소자이론(Fundamentals of Multiscale Physical Devices) 3-3-0
4461.540 멀티스케일가공공정개론(Fundamentals of Multiscale Fabrication) 3-3-0
4461.541 마이크로/나노기전시스템제작및실습(Hands on Fabrication of MEMS and NEMS) 3-1-4
4461.543 나노/바이오융합시스템(Nano/Bio Fusion Systems)

3-3-0
4461.803 대학원논문연구 1(Dissertation Research 1) 3-3-0
4461.804 대학원논문연구 2(Dissertation Research 2) 3-3-0
M1598.000400 유도초음파해석및응용(Guided Ultrasonic Wave Analysis and Applications) 3-3-0
M3231.000100 나노스케일 공정기술 및 응용(Nanoscale Fabrication and Applications) 3-3-0

**교과목 이수규정
(Departmental Course Requirements)**

- ① 학부내규에 따름.
- ② 기계공학부 및 멀티스케일 기계설계 전공의 교과과정은 통합 운영 하는 것으로 함.

**472. 항공우주공학과(Department of
Aerospace Engineering)**

M2795.005100 고급공기역학(Advanced Aerodynamics) 3-3-0
*M2795.006300 고급연소론(Advanced Combustion) 3-3-0
M2795.007500 고급필터링이론(Advanced Filtering Theory) 3-3-0
*M2795.007100 고급항공우주비행동역학 및 제어(Advanced Theory on Vehicle Dynamics and Control) 3-3-0
*M2795.007000 고급항공전자(Advanced Avionics) 3-3-0
M2795.007400 고급항법시스템(Advanced Navigation Systems) 3-3-0
M2795.005700 고급해석동역학(Advanced Analytical Dynamics) 3-3-0
M2795.006500 공기흡입추진이론(Air Breathing Propulsion Theory) 3-3-0
M2795.005200 공력소음론(Aeroacoustics) 3-3-0
M2795.005900 공력탄성학(Aeroelasticity) 3-3-0
M2795.006000 구조안정론(Elastic Structural Stability) 3-3-0
M2795.007700 무인항공시스템 의사결정기술(Decision Making for Autonomous Aerospace Systems) 3-3-0
M2795.006800 우주추진이론(Space Propulsion Theory) 3-3-0
M2795.006700 전산연소공학(Numerical Combustion) 3-3-0
M2795.005800 판과 셸 역학(Theory of Plates and Shells) 3-3-0
*M2795.007900 항공우주문제윤강(Seminar in Aerospace Engineering) 3-3-0
*M2795.007800 항공우주문제특강(Topics in Aerospace Engineering) 3-3-0
M2795.007300 항공우주추정론(Aerospace Estimation) 3-3-0
M2795.007200 항공응용최적제어론(Applied Aerospace Optimal Control) 3-3-0
M2795.006900 항공제어유도론(Theory of Flight Vehicle Guidance and Control) 3-3-0
M2795.008000 대학원논문연구(Dissertation Research) 3-3-0
M2795.009000 고급 우주 임무 분석(Advanced Space Mission Analysis) 3-3-0
M2795.009100 우주 환경 시험(Space Environmental Test) 3-3-0

M2795.009200 우주 구조물 및 재료 특강(Topics in Aerospace Structures and Materials) 3-3-0
M2795.009300 우주 전기/전자 특강(Topics in Space Avionics) 3-3-0
M2795.009600 고급 우주 궤도역학(Advanced Space Orbit Dynamics) 3-3-0
M2795.009700 우주 나노 공학(Space Nano-Materials Engineering) 3-3-0
M2795.009800 고온 열물성치 계측공학(High Temperature Thermal Property) 3-2-2
M2795.009900 우주위험대응 특강(Instrumentation Engineering) 3-3-0
M2795.010000 재진입 동역학(Reentry Dynamics) 3-3-0
M2795.010100 복합재료역학(Mechanics of Composite Materials) 3-3-0
M2795.010500 항공우주시스템공학(Aerospace System Engineering) 3-3-0
M3229.000100 발사체시스템 개론 및 현장실무응용(Introduction to Launch Vehicle System & Field Practice) 3-2-2
M3229.000200 위성시스템 개론 및 현장실무응용(Introduction to Satellite System & Field Practice) 3-2-2
M3229.000300 비행체 강인제어론(Robust Control for Aerospace Systems) 3-3-0
M3229.000400 항공우주산업 최신기술동향(Recent Technology Trends in Aerospace Industry) 3-3-0
M3229.000500 항공우주 연구방법론(Research Skills Development for Aerospace Engineer) 1-1-0
M3229.000600 항공우주 인공지능 및 계산공학(AI and Computational Methods in Aerospace Engineering) 3-3-0
M3229.000700 항공우주 유한요소해석(Finite Element Analysis in Aerospace Engineering) 3-3-0
M3229.000800 유체역학의 계산과학 모델링(Computational Modeling for Fluid Dynamics) 3-3-0
M3229.001000 항공우주 스마트 구조 설계(Design of Aerospace Smart Structures) 3-3-0
M3229.001100 항공우주 통합전산해석 개론(Introduction to Integrated Numerical Analysis of Aerospace) 3-3-0
M3229.001200 항공우주 국제집중 세미나(International Intensive Seminar on Aerospace Engineering) 2-2-0
M3229.001300 3D 프린팅 항공우주 재료(3D Printing Aerospace Materials) 3-3-0
M3229.001400 수직이착륙기 이론, 설계 및 실습 1(VTOL Aircraft Theory, Design and Practice 1) 3-3-0
M3229.001500 수직이착륙기 이론, 설계 및 실습2(VTOL Aircraft Theory, Design and Practice 2) 3-3-0
M3229.001600 도심항공 모빌리티 다분야 설계(Multi-Disciplinary Design for Urban Air Mobility) 3-3-0
M3229.003100 초고속반응 기체역학(Hypersonic reactive gas dynamics) 3-3-0
M3229.003200 유체연소현상 실험 및 계측론(Diagnostics and Experiments in Gas Dynamics and Combustion) 3-3-0

<농업생명과학대학 주관>

500. 공통과목(Extrdepartmental Courses)

- 500.505 분자유전학(Molecular Genetics) 3-3-0
- 500.511 농업생태학특론
(Topics in Agricultural Ecology) 3-3-0
- 500.514 유전자조작론(Gene Manipulation) 3-3-0
- 500.517 식물세포공학(Plant Cell Engineering) 3-3-0
- 500.521 세포생물학특강(Topics in Cell Biology) 3-3-0
- 500.522 분자생물학특강
(Topics in Molecular Biology) 3-3-0
- 500.524 북한농업(North Korean Agriculture) 2-2-0
- 500.526 후생유전학(Epigenetics) 3-3-0
- 500.527 기기분석(Instrumental Analysis) 3-3-0
- 5271.624 기후변화 생태계 취약성 및 적응계획(Ecological Vulnerability and Adaptation to Climate Change) 3-3-0
- M1718.002800 기후변화와 농생명부산물자원화 (Climate Change and Resourcification of Agricultural Byproducts) 3-3-0

520. 농경제사회학부(Department of Agricultural Economics and Rural Development)

농업·자원경제학전공(Agricultural & Resource Economics Major)

- 520.501 응용미시경제학연구(Studies in Applied Microeconomics) 3-3-0
- 520.502 응용거시경제학연구(Studies in Applied Macroeconomics) 3-3-0
- 520.503A 생산경제학연구(Studies in Production Economics) 3-3-0
- 520.505A 응용위험분석(Applied Risk Analysis) 3-3-0
- 520.507 농산물가격분석(Agricultural Price Analysis) 3-3-0
- 520.508 식량경제정책특론(Advanced Studies in Food Economics and Policies) 3-3-0
- 520.510 인적자원경제학연구(Studies in Economics of Human Resources) 3-3-0
- 520.601 농업정책연구(Studies in Agricultural Policy) 3-3-0
- 520.602 농산물선물시장분석(Agricultural Futures Market Analysis) 3-3-0
- 520.603 환경경제학연구(Studies in Environmental Economics) 3-3-0
- 520.604A 농식품유통연구(Advanced Agricultural and Food Marketing) 3-3-0
- 520.605 농업발전연구(Studies in Agricultural Development) 3-3-0
- 520.606 농산물무역연구(Studies in Agricultural Trade) 3-3-0
- 520.607A 농식품관련산업연구(Studies in Agribusiness and Food System) 3-3-0
- 520.608 지역경제연구(Studies in Regional Economics) 3-3-0
- 520.609 자원경제학연구(Studies in Resource Economics) 3-3-0
- 520.610A 응용기술경제학연구(Studies in Applied Economics of Technology) 3-3-0
- 520.701 농업경제학세미나 1(Seminar in Agricultural Economics 1) 3-3-0
- 520.703 지역개발연구(Advanced Regional Development) 3-3-0
- 520.705 응용계량경제학(Applied Econometrics) 3-3-0
- 520.706 농산물무역정책연구(Studies in Agricultural Trade Policy) 3-3-0
- 520.803 대학원논문연구(Reading and Research) 3-3-0
- M2649.000400 농식품 유통정책 세미나(Seminar in Agricultural

- and Food Marketing Policy) 3-3-0
- M2649.000500 농식품산업동태분석 (Dynamic Analysis of Agricultural and Food Industry) 3-3-0
- M2649.000800 응용개발경제학연구(Studies in Applied Development Economics) 3-3-0
- M2649.000900 효과성평가연구(Studies in Impact Evaluation) 3-3-0
- M2649.001700 계량경제학연구(Studies in Econometrics) 3-3-0

지역정보학전공(Regional Information Studies Major)

- 520.566 지역개발특론(Special Topics in Regional Development) 3-3-0
- 520.567 지역사회개발최신과제(Advanced Topics in Community Development) 3-3-0
- 520.654 주택 및 사회인구론(Housing and Social Demography) 3-3-0
- 520.803 대학원논문연구(Reading and Research) 3-3-0
- 5202.501 지역정보세미나 1(Seminar in Regional Information 1) 3-3-0
- 5202.601 지역정보세미나 2(Seminar in Regional Information 2) 3-3-0
- 5202.680A 식품비즈니스연구방법론 2(Research Methodologies in Food Business 2) 3-3-0
- 5202.755 공간계량경제모형응용(Application of Spatial Econometric Models) 3-3-0
- 5202.757 지속가능성 응용경제모형(Applied Economic Modelling for Sustainability) 3-3-0
- 5202.758 공간경제 연구(Studies in Spatial Economics) 3-3-0
- 5202.759 지속가능 경제개발과 정책(Sustainable Economic Development and Policy) 3-3-0
- 5202.762 식품비즈니스연구방법론 1(Research Methodologies in Food Business 1) 3-3-0
- 5202.763 식품 및 바이오기업전략(Strategies for Bio and Food Business) 3-3-0
- 5202.765 식품비즈니스정보경영(Information Management in Food Business) 3-3-0
- M1683.000600 농식품정보시스템연구방법(Research Methods for Agro-Food Information System) 3-3-0
- M1683.000800 식품 소비자 행동과 정보(Food Consumer Behavior and Information) 3-3-0
- M1683.000900 농식품빅데이터분석(Big Data Analytics for Agro-Food Industry) 3-3-0
- M1683.001200 공간경제시스템연구(Spatial Economic System Research) 3-3-0
- M1683.001300 응용일반균형모형연구(Applied General Equilibrium Modeling) 3-3-0
- M1683.001400 지역성장 및 입지경제학(Economics of Regional Growth and Location) 3-3-0
- M3321.000100 푸드테크 비즈니스(FoodTech Business) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Painting)

전공내규에 의함.

교과목 이수규정

(Departmental Course Requirements)

전공내규에 의함.

527. 생태조경·지역시스템공학부

(Department of Landscape Architecture and Rural Systems Engineering)

생태조경학전공(Landscape Architecture Major)

- 5271.515 환경생태론(Theories of Environmental Ecology)

- 3-3-0
- 5271.517 환경미학(Environmental Aesthetics) 3-3-0
- M1714.000100 현대조경이론(Theories in Contemporary Landscape Architecture) 3-3-0
- 5271.522 도시생태학(Urban Ecology) 3-3-0
- 5271.523 환경설계와 인간행태(Behavioral Factors in Environmental Design) 3-3-0
- 5271.524 도시조경설계론(Theories and Practices in Urban Landscape Design) 3-3-0
- 5271.611 옥외공간설계(Urban Open Space Design Studio) 4-4-0
- 5271.615A 전통환경설계론(Theory of Traditional Environmental Design) 3-2-2
- M1715.000300 식재계획과 설계(Planting Planning and Design) 4-4-0
- 5271.621 환경영향평가론(Advanced Environmental Impact Assessment) 3-3-0
- 5271.622 경관정보체계(Landscape Information System) 3-2-2
- 5271.623 지속가능환경계획설계기법연구(Studies in Technique of Sustainable Environmental Planning and Design) 3-3-0
- M1715.000200 공공 옥외공간의 조달과 가치분석(Procurement and Valuation of Public Open Spaces) 3-3-0
- 5271.803 대학원논문연구(Dissertation Research) 3-3-0

지역시스템공학전공(Rural Systems Engineering Major)

- 5272.502A 농업시설신재생에너지공학(New and Renewable Energy Engineering in Agricultural Buildings) 3-3-0
- 5272.504 유역수문모델링(Watershed Hydrologic Modeling) 3-3-0
- 5272.505A 지역용수시스템설계 및 운영(Rural Water Systems Design and Operation) 3-3-0
- 5272.507 농업수리구조설계(Design of Agriculture Water Use Structures) 3-3-0
- 5272.509 지역산업시설설계(Design of Rural Industrial Facilities) 3-3-0
- 5272.512 지역위생공학(Rural Sanitary Engineering) 3-3-0
- 5272.516 공기유동해석응용(Application of Aerodynamic Technology) 3-3-0
- 5272.604 지역정보공학특강(Topics in Rural Information Engineering) 3-3-0
- 5272.605 지역기반조성공학특강(Topics in Rural Infra-Structure Engineering) 3-3-0
- 5272.610 토질공학특강(Topics in Geotechnical Engineering) 3-3-0
- 5272.612 연속체역학의 전산해 1(Computational Solution of Continuum Mechanics 1) 3-3-0
- 5272.613 연속체역학의 전산해 2(Computational Solution of Continuum Mechanics 2) 3-3-0
- M1716.000400 수질환경시스템공학(Water Quality and Environmental System Engineering) 3-3-0
- M1716.000500 환경모델링(Environmental Modeling) 3-3-0
- 5272.619 대기환경 및 농업시설(Atmospheric Environment and Agricultural Structures) 3-3-0
- M1716.000300 수처리환경공정(Environmental Processes in Water Treatment) 3-3-0
- 5272.622 지역생태수리학(Rural Eco-Hydraulics) 3-3-0
- 5272.623 농촌건축물에너지설계(Design of building energy in rural area) 3-3-0
- 5272.624 지역기반건설재료공학(Rural Infra-Construction Materials Engineering) 3-3-0
- *5272.701 지역시스템공학세미나 1(Seminar in Rural System Engineering 1) 1-0-2
- *5272.702 지역시스템공학세미나 2(Seminar in Rural System Engineering 2) 1-0-2
- M1716.000100 글로벌농촌수자원특강(Topics in Global Agricultural Water Resources) 3-3-0

- 5272.803 대학원논문연구(Dissertation Research) 3-3-0

교과목 이수규정
(Departmental Course Requirements)
전공내규에 의함.

560. 농림생물자원학부(Department of Agriculture, Forestry and Bioresources)

공통과목(Core Courses)

- M3282.000100 농림생물자원학콜로퀴엄 1(Agriculture, Forestry and Bioresources Colloquium 1) 1-0-2
- M3282.000200 농림생물자원학콜로퀴엄 2(Agriculture, Forestry and Bioresources Colloquium 2) 1-0-2
- M3282.000400 농림생물자원 창의융합 과제 설계(Creative Convergence Project Design for Agroforestry Bioresources) 2-0-4

작물생명과학전공(Crop Science and Biotechnology Major)

- 501.511 농학세미나 1(Seminar in Agronomy 1) 1-0-2
- 501.512 작물학세미나 1(Seminar in Crop Science 1) 1-0-2
- 501.516 작물생리학특론(Advanced Crop Physiology) 3-3-0
- 501.517 작물수분생리론(Crop-Water Relations) 3-3-0
- 501.521 쌀생산학(Rice Production) 3-3-0
- 501.522 밭작물생산학(Field Crop Production) 3-3-0
- 501.523 사료작물학(Forage Crops) 3-3-0
- 501.524 작물유전학특론(Topics in Crop Genetics) 3-3-0
- 501.525 공예작물학(Industrial Crops) 3-3-0
- 501.526 작물유전체분석론(Crop Genome Analysis) 3-3-0
- 501.611 농학세미나 2(Seminar in Agronomy 2) 1-0-2
- 501.612 작물학세미나 2(Seminar in Crop Science 2) 1-0-2
- 501.617 잡초학특론(Advanced Weed Science) 3-3-0
- 501.620 세포유전학(Cytogenetics) 3-3-0
- 501.621 작물성장수리해석론(Crop Growth Simulation) 3-3-0
- 501.711 농학세미나 3(Seminar in Agronomy 3) 1-0-2
- 501.713 경지생태학 (Cropland Ecology) 3-3-0
- 501.715 제초제생리작용론(Mode of Action of Herbicides) 3-3-0
- 501.718 작물진화론(Crop Evolution) 3-3-0
- 501.803 대학원논문연구(Reading and Research) 3-3-0
- 5171.513 작물육종특강(Topics in Plant Breeding) 3-3-0
- 5171.721 작물단백질체학(Crop Proteomics) 3-3-0
- 5171.722 작물생명공학특강(Topics in Crop Biotechnology) 3-3-0
- 5171.723 작물구조유전체연구특강(Topics in Crop Structural Genomic) 3-3-0
- M3284.0001000 작물원격탐사 (Crop Remote Sensing) 3-3-0

원예생명공학전공(Horticultural Science and Biotechnology Major)

- 502.511 채소학특론(Topics in Vegetable Crops) 3-3-0
- 502.512 과수학특론(Topics in Pomology) 3-3-0
- 502.513 화훼학특론(Topics in Floriculture) 3-3-0
- 502.514 원예작물육종학특론(Advanced Horticultural Crop Breeding) 3-3-0
- 502.515 시설원예학특론(Advanced Protected-Horticulture) 3-3-0
- 502.517A 조경식물학특론(Advanced Landscape Plant) 3-3-0
- 502.521A 원예생명공학세미나 1(Seminar in Horticultural Science and Biotechnology 1) 1-0-2
- 502.522A 원예생명공학세미나 2(Seminar in Horticultural Science and Biotechnology 2) 1-0-2
- 502.523 원예산물관리학특론(Topics in Postharvest Technology) 3-3-0
- 502.529 식물공장론(Plant Factory Study) 3-3-0
- 502.615 원예작물화학조절론(Chemical Control of Horticultural Crops) 3-3-0

502.616	환경원예학(Environmental Horticulture) 3-3-0	Engineering) 3-3-0
502.618	개화생리학(Physiology of Flowering) 3-3-0	5241.532 공원휴양학(Park and Recreation) 3-3-0
502.621	무토재배론(Soilless Culture) 3-3-0	5241.533A 생태계서비스와 사회(Ecosystem Service and Society) 3-3-0
502.624	원예식물생식생리학(Reproductive Physiology of Horticultural Crops) 3-3-0	5241.534 산림식물분류학특강(Topics in Forest Plant Taxonomy) 3-3-0
502.711	시설원예학최신과제(Topics in Protected Horticulture) 3-3-0	M3286.000100 수변생태학 및 공학(Riparian Ecology and Engineering) 3-3-0
502.715A	원예생명공학세미나 3(Seminar in Horticultural Science and Biotechnology 3) 1-0-2	5241.538 산지재해방재학(Mountain Disaster Prevention and Mitigation) 3-3-0
502.716A	원예생명공학세미나 4(Seminar in Horticultural Science and Biotechnology 4) 1-0-2	M1698.001000 기후변화와 산림환경(Climature Change and Forest Environment) 3-3-0
502.718A	식물분자유종학(Plant Molecular Breeding) 3-3-0	5241.540 국제임업특강(Topics in International Forestry) 3-3-0
502.719	원예산물생리학최신과제(Issues in Postharvest Physiology) 3-3-0	5241.541 세계화와 보호지역(Protected Areas under the Pressure of Globalization) 3-3-0
502.720	채소학최신과제(Issues in Vegetable Crops) 3-3-0	M1698.000300 산림곤충학특강(Topics in Forest Entomology) 3-3-0
502.721	과수학최신과제(Issues in Pomology) 3-3-0	M1698.000500 산림보호학 특강(Topics in Forest Protection) 3-3-0
502.722	화훼학최신과제(Issues in Floriculture) 3-3-0	M1698.000700 산림탄소프로젝트 개발론(Forest Carbon Project Development) 3-3-0
502.803	대학원논문연구(Reading and Research) 3-3-0	M1698.000800 산림기후변화 영향 평가(Impact Assessment of Climate Change on Forest) 3-3-0
5172.723	잔디학(Turfgrass Science) 3-3-0	M1698.000900 산림탄소경영학(Forest Carbon Management) 3-3-0
5172.724	식물환경조절 및 모델링(Plant-environment Control and Modelling) 3-3-0	M1698.001300 산림생명공학특강(Topics in Forest Biotechnology) 3-3-0
5172.725	채소산업개발론(Industrial Development in Olericulture) 3-3-0	M1698.001400 산림보전생물학특강(Topics in Forest Conservation Biology) 3-3-0
5172.726	내병성육종론(Breeding for Disease Resistance) 3-3-0	M1698.001500 임목육종학특강(Topics in Tree Breeding) 3-3-0
5172.727	원예작물 스트레스생리학(Stress Physiology of Horticultural Plant) 3-3-0	M1698.002100 산림식약용식물학 특강(Topics in Forest Edible and Medicinal Plants) 3-3-0
5172.728A	원예연구인턴십(Internship on Horticultural Research) 3-0-6	5241.803 대학원논문연구(Dissertation Research) 3-3-0
M2744.000100	분자 식물 세포 신호학(Molecular Plant Cell Signaling) 3-3-0	M3282.000700 경관관리정보학 특론(Landscape Management and Geoinformatics) 3-3-0
전공선택 인정과목		
(Credited as Major Elective for Dept. of Painting)		
전공내규에 의함.		
교과목 이수규정		
(Departmental Course Requirements)		
전공내규에 의함.		
산림환경학전공(Forest Environmental Science Major)		
5241.500	야생동물관리학특강(Topics in Wildlife Management) 3-3-0	
5241.504A	수목생리학특강(Topics in Tree Physiology) 3-3-0	
5241.505	임목집단유전학(Population Genetics in Forest Trees) 3-3-0	
5241.506	산림환경학세미나 1(Seminar in Forest and Environmental Science 1) 1-0-2	
5241.507	산림환경학세미나 2(Seminar in Forest and Environmental Science 2) 1-0-2	
5241.510	임분동태 및 갱신론(Forest Stand Dynamics and Regeneration) 3-3-0	
5241.513	야생동물생태학특강(Topics in Wildlife Ecology) 3-3-0	
5241.514A	산불관리학(Forest Fire Management) 3-3-0	
5241.515	산림토목공학특강(Topics in Forest Engineering) 3-3-0	
5241.516A	산림유역관리 및 모델링(Forest Watershed Management and Modeling) 3-3-0	
5241.517	산림자원정책학특강(Topics in Forest Resources Policy) 3-3-0	
5241.518A	산림생태계경영학특강(Topics in Forest Ecosystem Management) 3-3-0	
5241.526	생태경제학특강(Topics in Ecological Economics) 3-3-0	
5241.528A	산림생산공학특강(Topics in Forest Production	
		환경재료과학전공(Environmental Materials Science Major)
		5242.503 목구조거환경특강(Topics in Residential Performance of Wood Structure) 3-3-0
		5242.504 환경친화성생물소재특강(Topics in Environmental Engineering of Bio-Materials) 3-3-0
		5242.506 제지공정특강(Topics in Papermaking Processes) 3-3-0
		5242.507 펄프 및 제지설비특강(Topics in Pulping and Papermaking Machinery) 3-3-0
		5242.508 펄프공학특강(Topics in Pulping Technology) 3-3-0
		5242.509 목재절삭학특강(Topics in Wood Machining) 3-3-0
		5242.510 바이오복합재료학특강(Topics in Bio-Composite Materials) 3-3-0
		5242.511 접착과학특강(Topics in Adhesion Science) 3-3-0
		5242.512 도료과학특강(Topics in Organic Coatings) 3-3-0
		5242.513 목질기기분석론(Topics in Instrumental Analysis of Lignocellulose) 3-3-0
		5242.514 특수임산자원이용(Topics in Utilization of Forest Products) 3-3-0
		5242.515 임산미생물학특강(Topics in Forest Microbiology) 3-3-0
		5242.516 목재물리학특강(Topics in Physical Properties of Wood) 3-3-0
		5242.517 목재기계적성질론(Mechanical Properties of Wood) 3-3-0
		5242.519 제지화학특강(Topics in Paper Chemistry) 3-3-0
		5242.520 지류가공학특강(Topics in Paper Converting Technology) 3-3-0
		5242.522 목재특수건조론(Topics in Special Drying of Wood) 3-3-0

- 5242.524 탈묵 및 고지재활용기술(Deinking and Wastepaper Recycling Technology) 3-3-0
- 5242.525 목구조설계(Design of Wood Structures) 3-3-0
- 5242.526 목재열기건조특강(Topics in Kiln Drying of Wood) 3-3-0
- 5242.528 목재화학특강(Topics in Wood Chemistry) 3-3-0
- M1699.000300 제지물성학특강(Topics in Paper Physics) 3-3-0
- M1699.000200 셀룰로오스 물성 및 공정(Properties and processing of cellulose) 3-3-0
- M1699.000500 공학목재 특강(Topics in Engineered Wood) 3-3-0
- M1693.000400 환경고분자특강(Topics in Environmental Polymer) 3-3-0
- M1699.000600 지류패킹징특강 3-3-0
- M1699.000700 목질계 환경에너지 소재 특론 3-3-0
- M3282.000500 환경재료과학세미나1(Seminar in Environmental Materials Science 1) 1-0-2
- M3282.000600 환경재료과학세미나2(Seminar in Environmental Materials Science 2) 1-0-2
- 5242.803 대학원논문연구(Dissertation Research) 3-3-0

교과목 이수규정
(Departmental Course Requirements)
전공내규에 의함.

바이오소재공학전공(Biomaterials Engineering Major)

- 5262.561 단백질화학(Protein Chemistry) 3-3-0
- 5262.563 고분자특강(Topics in Polymer Chemistry) 3-3-0
- 5262.568A 고분자복합재료(Polymer Composite Materials) 3-3-0
- 5262.575 셀룰로오스화학(Cellulose Chemistry) 3-3-0
- 5262.576A 생물화학특강(Topics in Biological Chemistry) 3-3-0
- 5262.577 천연고분자신소재(Advanced Materials Based on Natural Polymers) 3-3-0
- 5262.578 생체고분자특강(Topics in Biopolymer Materials) 3-3-0
- 5262.579 나노바이오표면학특강(Topics in Nano and Biosurface) 3-3-0
- 5262.582 의용바이오소재(Biomaterials for Medical Applications) 3-3-0
- 5262.583 생체모방소재특강(Topics in Biomimetic Materials) 3-3-0
- 5262.584 바이오소재공학세미나 1(Seminar in Biomaterials Engineering 1) 1-0-2
- 5262.585 바이오소재공학세미나 2(Seminar in Biomaterials Engineering 2) 1-0-2
- 5262.588 바이오소재공학최신과제(Current Topics in Biomaterials Engineering) 2-0-4
- 5262.589 콜로이드 및 표면화학(Colloid and Surface Chemistry) 3-3-0
- 5262.590 고분자재료물성특강(Topics in Physical Properties of Polymeric Materials) 3-3-0
- 5262.591 고분자레올로지(Polymer Rheology) 3-3-0
- M1705.000100 하이드로젤기반생체재료(Hydrogel-based Biomaterials) 3-3-0
- M1705.000200 조직공학용생체재료(Biomaterials for Tissue Engineering) 3-3-0
- M1705.000300 생체재료화학특강(Topics in Biomaterials Chemistry) 3-3-0
- M1705.000400 농생명나노과학기술개론(Introduction to Nanotechnology for Agriculture and Life Sciences) 3-3-0
- M1705.000500 펩타이드화학및응용개론(Introduction to Peptide Chemistry and Application) 3-3-0
- M3282.000300 생물소재시험분석특론(Topics in Biomaterial Characterization and Analysis) 3-2-2
- 5262.803 대학원논문연구(Dissertation Research) 3-3-0

교과목 이수규정
(Departmental Course Requirements)
전공내규에 의함.

570. 바이오시스템공학과(Department of Biosystems Engineering)

- 5261.601A 생물생산기계시스템공학(Biological Production Machinery and Implement) 3-2-2
- 5261.602 바이오시스템공학세미나 1(Seminar in Biosystems Engineering 1) 1-0-2
- 5261.603 바이오시스템공학세미나 2(Seminar in Biosystems Engineering 2) 1-0-2
- 5261.606A 생물자원저장론(Preservation of Biological Resources) 3-3-0
- 5261.607 농업기계동력학(Dynamics of Farm Machine Elements) 3-3-0
- 5261.609A 생체물성공학특강(Topics in Engineering Properties of Bioproducts) 3-2-2
- 5261.610 유체기계특강(Topics in Fluid Machines) 3-3-0
- 5261.611 토양기계시스템(Soil Machine System) 3-2-2
- 5261.612A 바이오로봇(Bio-Robotics) 3-3-0
- 5261.613 농업기계화계획 및 분석(Planning and Analysis of Agricultural Mechanization) 3-3-0
- 5261.614 농산가공기계설계(Design of Agricultural Processing Machines) 3-3-0
- 5261.616 생물영상처리(Biomaterial Image Processing) 3-2-2
- 5261.617A 인공지능응용 및 실습(Applications and Practice of Artificial Intelligence) 3-2-2
- 5261.618 농업기계설계특강(Topics in Agricultural Machinery Design) 3-3-0
- 5261.621 바이오센서(Biosensor) 3-3-0
- 5261.623 응용계측(Measurement and Instrumentation) 3-2-2
- 5261.625 농산물물류공학(Handling and Distribution Engineering of Agricultural Product) 3-3-0
- 5261.627 생물공정시스템설계(Design of Bioprocess System) 3-3-0
- 5261.628 생체역학특강(Topics in Biomechanics) 3-2-2
- 5261.629 생물재료역학특강(Topics in Material Engineering for Biological Application) 3-2-2
- 5261.631 조직배양공학특강(Topics in Tissue Culture Engineering) 3-3-0
- M1704.000100 정밀농업 및 정보기술 특강(Topics in Precision Agriculture and Information Technology) 3-3-0
- M1704.000200 바이오시스템 자동화특강(Topics in Biosystems Automation) 3-2-2
- M1704.000300 농산소재물리학(Physical properties of agricultural materials) 3-3-0
- M1704.000400 스마트농업 특강(Topics in Smart Agriculture) 3-3-0
- M1704.000500 바이오시스템신뢰성공학(Reliability in Biosystems Engineering) 3-3-0
- 5261.803 대학원논문연구(Dissertation Research) 3-3-0

교과목 이수규정
(Departmental Course Requirements)
전공내규에 의함.

5140. 농산업교육과(Department of Agricultural and Vocational Education)

- 514.525A 산업인력개발사(History of Vocational Education and Workforce Development) 3-3-0

- 514.528A 산업인력개발교재연구(Studies of Teaching Materials in Vocational Education & Workforce Development) 3-3-0
- 514.530A 산업인력개발세미나1(Seminar in Vocational Education and Workforce Development 1) 1-0-2
- 514.532A 농업교육특강(Topics in Agricultural Education) 3-3-0
- 514.541 진로지도 및 경력개발 특강(Topics in Career Guidance and Development) 3-3-0
- 514.542A 산업인력개발 프로그램개발 특강(Topics in Program Development for Vocational Education and Workforce Development) 3-3-0
- 514.612 산학협동교육론(Cooperative Education) 3-3-0
- 514.630 기업교육론(Business and Industry Education) 3-3-0
- 514.632 직업심리학(Vocational Psychology) 3-3-0
- 514.633 국제직업교육론(International Vocational Education) 3-3-0
- 514.636A 산업인력개발세미나 2(Seminar in Vocational Education and Workforce Development 2) 1-0-2
- 514.641A 성인교육특강(Topics in Adult Education) 3-3-0
- 514.646A 산업인력개발행정 및 장학연구(Studies in Administration and Supervision of Vocational Education and Workforce Development) 3-3-0
- 514.647 인적자원개발컨설팅(Consulting in Human Resource Development) 3-3-0
- 514.648 인적자원개발연구(Studies in Human Resource Development) 3-3-0
- 514.649A 산업인력개발연구방법론(Research Methodology in Vocational Education and Workforce Development) 3-3-0
- 514.650 산업교원교육연구(Studies in Vocational and Adult Educator Education) 3-3-0
- M1643.000400 산업인력개발교수학습이론(Theories of Teaching and Learning in Vocational Education and Workforce Development) 3-3-0
- 514.666A 산업인력개발통계학(Statistics in Vocational Education and Workforce Development) 3-3-0
- M1643.000900 산업인력분석과 성과관리론(HR Analytics and Performance Management in Vocational Education and Workforce Development) 3-3-0
- 514.701A 산업인력개발평가특강(Topics in Evaluation of Vocational Education and Workforce Development) 3-3-0
- 514.703 직무분석과 자격체계(Job Analysis and Qualification System) 3-3-0
- M1643.000200 산업인력개발 노동시장분석(Labor Market Analysis in Vocational Education and Workforce Development) 3-3-0
- M1643.000300 글로벌 직업교육협력론(Global Vocational Education Cooperation) 3-3-0
- M1643.000500 산업인력조직개발특강(Topics in Organization Development in Vocational Education and Workforce Development) 3-3-0
- M1643.000800 산업인력개발과 직업연구(Occupational Research in Vocational Education and Workforce Development) 3-3-0
- M1643.001000 조직개발 인재분석론(People Analytics for Organization Development) 3-3-0
- 514.803 대학원논문연구(Reading and Research) 3-3-0

교과목 이수규정
(Departmental Course Requirements)
학과내규에 의함.

5321. 농생명공학부(Department of Agricultural Biotechnology)

공통과목(Core Courses)

- 5321.5001 기주기생체분자유전학(Host-Parasite Molecular Genetics) 3-3-0
- 5321.5003 농업환경생물학특강(Topics in Environmental Biology in Agriculture) 3-3-0
- 5321.6001 생물농약학(Biopesticide Science) 3-3-0
- 5321.6002 생화학특강(Topics in Biochemistry) 3-3-0
- 5321.6004 식품안전성(Food Safety) 3-3-0
- 5321.7003 농생명공학콜로퀴엄 1(Colloquium in Agricultural Biotechnology 1) 1-0-2
- 5321.7004 농생명공학콜로퀴엄 2(Colloquium in Agricultural Biotechnology 2) 1-0-2
- 5321.803 대학원논문연구(Dissertation Research) 3-3-0
- M1718.002200 식품생물공학특론 및 실험(Advanced Food Biotechnology and Lab) 3-1-4

동물생명공학전공(Animal Science and Biotechnology Major)

- 5321.5101 근육식품학특강(Topics in Unit Processes of Muscle Foods) 3-3-0
- 5321.5102 동물내분비학특강(Topics in Animal Endocrinology) 3-2-2
- 5321.5103 동물번식학특강(Topics in Physiology of Reproduction in Animal) 3-3-0
- 5321.5104 동물세포배양학특강(Topics in Animal Cell Culture) 3-3-0
- 5321.5105 동물영양생화학(Nutritional Biochemistry of Animals) 3-3-0
- 5321.5107 동물육종학특강(Topics in Animal Breeding) 3-3-0
- 5321.5109 동물유전정보학특론(Topics in Animal Bioinformatics) 3-3-0
- 5321.5110 동물산업특강(Topics in Animal Industry) 3-3-0
- 5321.6102 동물집단유전학(Animal Population Genetics) 3-3-0
- 5321.6103 반추미생물생태학(Rumen Microbial Ecology) 3-3-0
- 5321.6105 사료가공학특강(Topics in Feed Processing) 3-3-0
- 5321.6106 생식세포공학(Biotechnical Manipulation of Embryos) 3-2-2
- 5321.6107 비교면역학특론(Topics in Comparative Immunology) 3-3-0
- 5321.7102 조류유전공학(Avian Genetic Engineering) 3-3-0
- 5321.7103 축산시설환경특강(Topics in Bioenvironmental and Structural System for Livestock) 3-3-0
- 5321.7104 축산식품품질론(Quality of Livestock Products) 3-3-0
- 5321.7105 축산학세미나 1(Seminar in Animal Science 1) 1-0-2
- 5321.7106 축산학세미나 2(Seminar in Animal Science 2) 1-0-2
- M1718.000500 동물발생학특강(Topics in Animal Embryology) 3-3-0
- 5321.7108 비타민광물질영양학(Vitamin and Mineral Nutrition) 3-3-0
- M1718.000400 생식세포유전학특강(Topics in Germ Cell Genetics) 3-3-0
- 5321.7111 배아줄기세포학특강(Topics in Embryonic Stem Cells) 3-3-0
- 5321.7112 동물백신학(Animal vaccinology) 3-3-0
- 5321.7113 반추동물영양생리학특론(Topics in Ruminant Nutrition and Physiology) 3-3-0
- M1718.000800 가금제품특강(Topics in Poultry Product Science) 3-3-0
- M1718.001600 동물산업미생물학특강(Topics in Animal Industrial Microbiology) 3-3-0

M1718.001700 축산환경위생관리특강(Topics in Animal Environmental Sanitation) 3-3-0
M1718.002700 과학기술현안과 동물세포공학의 활용(Application of Animal Cell Biotechnology for Current Issues in Science and Technology) 3-3-0

응용생명화학전공(Applied Life Chemistry Major)

5321.5202 구조생물학(Structural Biology) 3-3-0
5321.5205 단백질 및 효소화학(Protein and Enzyme Chemistry) 3-3-0
5321.5206 대사공학(Metabolic Engineering) 3-3-0
5321.6201 식물영양학특강(Topics in Plant Nutrition) 3-3-0
5321.6203 유전체 및 생물정보학(Genomics and Bioinformatics) 3-3-0
5321.6204 천연물화학(Natural Products Chemistry) 3-3-0
5321.6206 토양화학특강(Topics in Soil Chemistry) 3-3-0
5321.6208 미생물화학특강(Topics in Microbial Chemistry) 3-3-0
5321.6209 RNA 대사특강(Topics in RNA metabolism) 3-3-0
5321.6210 핵산생화학특강(Topics in Nucleic Acid Biochemistry) 3-3-0
5321.7201 토양환경미생물학 및 생화학(Soil Environmental Microbiology and Biochemistry) 3-3-0
5321.7202 환경독성학특강(Topics in Environmental Toxicology) 3-3-0
5321.7206 응용생명화학세미나 1(Seminar in Applied Life Chemistry 1) 1-0-2
5321.7207 응용생명화학세미나 2(Seminar in Applied Life Chemistry 2) 1-0-2
M1718.000300 응용생명화학특강(Topics in Applied Life Chemistry) 3-3-0
M1718.001500 분자구조해석특강(Topics in Molecular Structure Analysis) 3-3-0
M1718.002100 식물광생물학(Plant Photobiology) 3-3-0

식물미생물학전공(Plant Microbiology Major)

5321.5302 농업미생물생태학(Microbial Ecology in Agriculture) 3-3-0
5321.5303 농업미생물유전학(Microbial Genetics in Agriculture) 3-3-0
5321.5304 생물조직 및 미세구조연구기술(Methods in Histological and Ultrastructural Research) 2-1-2
5321.5305 수병학 및 실험(Forest Pathology and Lab.) 3-2-2
5321.5306 식물균병학 및 실험(Fungus Diseases of Plants and Lab.) 3-2-2
5321.5307 식물바이러스병학 및 실험(Plant Virology and Lab.) 3-2-2
5321.6301 식물병역학(Plant Disease Epidemiology) 3-3-0
5321.6304 식물병학원리(Principles of Plant Pathology) 3-3-0
5321.6305 식물생리학특강(Topics in Plant Physiology) 3-3-0
5321.6306 식물선충병학 및 실험(Plant Nematology and Lab.) 3-2-2
5321.7301 식물세균병학 및 실험(Phylobacteriology and Lab.) 3-2-2
5321.7302 응용균학 및 실험(Applied Mycology and Lab.) 3-2-2
5321.7303 진균독소학(Mycotoxigenology) 3-3-0
*5321.7310 식물미생물학세미나 1(Seminar in Plant Microbiology 1) 1-0-2
*5321.7311 식물미생물학세미나 2(Seminar in Plant Microbiology 2) 1-0-2
M1718.000200 농업환경미생물학특강(Topics in Environmental Microbiology in Agriculture) 3-3-0
M1718.001300 식물바이러스병학특강(Topics in Plant Virology) 3-3-0
M1718.001400 식물병생리학특강(Topics in Physiological Plant

Pathology) 3-3-0
M1718.002500 식물병생태학특강(Topics in Plant disease ecology) 3-3-0
M1718.002600 식물병생태모델링 및 실습(Ecological modeling of plant disease) 3-1-4

곤충학전공(Entomology Major)

5321.5403 곤충생리학 및 실험(Insect Physiology and Lab.) 3-2-2
5321.5404 곤충생태학 및 실험(Insect Ecology and Lab.) 3-2-2
5321.5405 곤충병리학 및 실험(Insect Pathology & Lab.) 3-2-2
5321.5406 생태독성학 및 실험(Ecotoxicology and Lab.) 3-2-2
5321.5407 곤충분자생물학 및 실험(Insect Molecular Biology and Lab.) 3-2-2
5321.5408 곤충분류형태학 및 실험(Insect Taxonomy/Morphology and Lab.) 3-2-2
5321.6402 곤충발육 및 내분비론(Insect Development and Endocrinology) 3-3-0
5321.6404 곤충생태연구방법론(Methodology in Insect Ecology) 3-3-0
5321.6405 곤충미생물학(Insect Microbiology) 3-3-0
5321.6406 곤충생리활성천연물(Insect Bioactive Substances) 3-3-0
5321.6407 곤충화학생태학(Insect Chemical Ecology) 3-3-0
5321.6408 해충군관리학(Insect Pest Management) 3-3-0
5321.6409 곤충진화생리학(Insect Evolutionary Physiology) 3-3-0
5321.6410 곤충과 식물 상호작용특강(Topics in Insect and Plant Interactions) 3-3-0
5321.7401 환경자원곤충학(Environmental and Resource Entomology) 3-3-0
5321.7402 곤충학세미나 1(Seminar in Entomology 1) 1-0-2
5321.7403 곤충학세미나 2(Seminar in Entomology 2) 1-0-2
5321.7404 위생곤충학 및 실험(Medical Entomology and Lab.) 3-2-2
5321.7405 수서곤충학(Aquatic Entomology) 3-3-0
5321.7406 곤충생명공학특강(Topics in Insect Biotechnology) 3-3-0
5321.7407 응용곤충학특강(Topics in Applied Entomology) 3-3-0
5321.7409 곤충개체군유전학(Insect Population Genetics) 3-3-0
5321.7410 곤충생리연구방법론(Research Methods in Insect Physiology) 3-3-0

식품생명공학전공(Food Science and Biotechnology Major)

5321.5503 발효학특강(Topics in Fermentation) 3-3-0
5321.5506 식품공학특강(Topics in Food Engineering) 3-3-0
5321.5509 식품물성학특강(Topics in Food Rheology) 3-3-0
5321.6502 식품분자미생물학(Molecular Food Microbiology) 3-3-0
5321.6504 식품포장학(Food Packaging) 3-3-0
5321.6506 식품화학특강(Topics in Food Chemistry) 3-3-0
5321.7501 식품효소학(Food Enzymes) 3-3-0
5321.7503 식품공학세미나 1(Seminar in Food Science 1) 1-0-2
5321.7504 식품공학세미나 2(Seminar in Food Science 2) 1-0-2
5321.7505 식품위생미생물학(Microbiology of Food Sanitation) 3-3-0
5321.7508 기능성식품학특강(Topics in Functional Foods) 3-3-0
5321.7509 식품위해요소중점관리학(Hazard Analysis Critical Control Points) 3-3-0
M1718.000600 고급식품단백질공학(Advanced Food Protein Engineering) 3-3-0
M1718.000700 식품고분자분석학(Food Macromolecular Analysis) 3-3-0

M1718.00190 식품마이크로바이옴학특론 (Topics in Food Microbiome) 3-3-0
M1718.00200 식품대사체학특론 (Topics of Food Metabolomics) 3-3-0
M1718.00230 푸드테크 규제 및 진흥 법규(FoodTech Regulations and Promotion Act) 3-3-0

5321F. 바이오모듈레이션전공(Biomodulation Major)

5321.6602 조류, 발생에서 형질전환까지(The Birds, from Development to Transgenesis) 3-3-0
M1737.00030 곤충과 바이오소재(Insects as Biomaterials) 3-3-0
5321.6604 식품과 바이오모듈레이션(Food and Biomodulations) 3-3-0
5321.6606 바이오모듈레이션과 단백질(Biomodulation and Protein) 3-3-0
M1737.00040 동물의 건강과 질병(Health and disease in animals) 3-3-0
5321.6609 바이오모듈레이션을 위한 세포제어학(Control of Cell Function for Biomodulation) 3-3-0
5321.6610 핵자기공명 분광학 및 질습(Nuclear Magnetic Resonance Spectroscopy) 3-2-2
5321.6611 생리활성물질탐색론(Development of Natural Produced Based Bioactive Substances) 3-3-0
5321.5602 신생물소재 및 생활성조절(Neobiomaterials and Bioregulation) 4-4-0
5321.5604 실험디자인과 논문작성(Experimental Design and Scientific Writing) 2-2-0
5321.5605 학위논문세미나(Thesis Seminar) 1-0-2
5321.7601 바이오과학과 산업(Bioscience and Industry) 2-2-0
*M1718.00020 바이오모듈레이션 특강Topics in Biomodulation

1-1-0

M1737.00010 점막면역학 특론(Advanced Mucosal Immunology) 3-3-0
M1737.00020 유전체학 산업화 특론(Advanced Genomics Industrialization)

**교과목 이수규정
(Departmental Course Requirements)**

학부내규에 의함.

522. 푸드테크학과(Department of FoodTech)

522A. 푸드테크학전공(FoodTech Major)

M3448.00010 푸드테크 개론(FoodTech Introduction) 3-3-0
M3448.00020 푸드테크 디자인과 기업가정신(FoodTech Design and Entrepreneurship) 3-3-0
M3448.00030 푸드테크 융합기술1(FoodTech Convergence Technology1) 3-3-0
M3448.00040 푸드테크 융합기술2(FoodTech Convergence Technology2) 3-3-0
M3448.00050 푸드테크 현장연구(FoodTech Industry Research) 3-3-0
M3448.00060 대학원 논문연구(Reading and Research) 3-3-0

**교과목 이수규정
(Departmental Course Requirements)**

학부내규에 의함.

<미술대학 주관>

공통과목(Extrdepartmental Courses)

- 600.537 현대미술담론연구(Studies in the Discourses in Contemporary Art) 3-3-0
- 600.542 공공미술연구(Studies in Public Art) 3-3-0
- 600.543 미술과 대중매체특강(Topics in Art and Mass Media) 3-3-0
- 600.703 아시아현대미술작품분석연구(Studies in Contemporary Asian Art) 3-3-0
- 600.704 중국근현대미술작품분석연구(Studies in Modern and Contemporary Chinese Art) 3-3-0
- M1773.000100 한국미술사연구(Studies in History of Korean Art) 3-3-0
- 600.702B 근현대한국미술사특강(Topics on History of Modern and Contemporary Korean Art) 3-3-0
- M2182.000300 기획과 제안(Project and Presentation Workshop) 3-3-0

<석사과정>

601. 동양화과(Department of Oriental Painting)

- 601.617 일본미술사연구(Studies in History of Japanese Art) 3-3-0
- M0000.024100 중국미술사연구(Studies in History of Chinese Art) 3-3-0
- 6101.502 전통회화기법의 활용(Application of Traditional Painting Technique) 3-2-2
- 6101.503 창작서예와 전각(Creative Calligraphy and Seal Carving) 3-2-2
- 6101.529A 조형론연구 1(Seminar in Theory of Painting 1) 3-3-0 (2개 학기 반복이수 가능)
- 6101.530 조형론연구 2(Seminar in Theory of Painting 2) 3-3-0 (2개 학기 반복이수 가능)
- 6101.531A 벽화기법연구(Studies in Mural Painting) 3-2-2
- 6101.532A 공간과 회화(Space and Painting) 3-3-0
- 6101.534A 작품보존실습(Practice in Art Conservation) 3-2-2
- 6101.601 작품연구스튜디오 1-1(Graduate Studio Seminar1-1) 3-2-2 (8개 학기 반복이수 가능)
- 6101.602 작품연구스튜디오 1-2(Graduate Studio Seminar1-2) 3-2-2 (8개 학기 반복이수 가능)
- 6101.603 작품연구스튜디오 1-3(Graduate Studio Seminar1-3) 3-2-2 (8개 학기 반복이수 가능)
- 6101.604 작품연구스튜디오 1-4(Graduate Studio Seminar1-4) 3-2-2 (8개 학기 반복이수 가능)
- 6101.602 작품연구스튜디오2(Graduate Studio Seminar2) 3-2-2 (8개 학기 반복이수 가능)
- 6101.603 작품연구스튜디오3(Graduate Studio Seminar3) 3-2-2 (8개 학기 반복이수 가능)
- 6101.604 작품연구스튜디오4(Graduate Studio Seminar4) 3-2-2 (8개 학기 반복이수 가능)
- 6101.616A 작품감정론 1(Studies in Connoisseurship 1) 3-3-0 (2개 학기 반복이수 가능)
- 6101.617 작품감정론 2(Studies in Connoisseurship 2) 3-3-0 (2개 학기 반복이수 가능)
- 6101.702A 한국미술비평세미나(Seminar in Critical Theory of Korean Art) 3-3-0
- 6101.705 통합매체연구(Studies in Collective Media) 3-3-0
- 610.803 대학원논문연구(Dissertation Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Oriental Painting)
학과내규에 의함.

교과목 이수규정

(Departmental Course Requirements)
학과내규에 의함.

602. 서양화과(Department of Painting)

서양화전공(Painting Major), 판화전공(Printmaking Major)

- 6102.5135 작품연구스튜디오 2-1(Graduate Studio Seminar 2-1) 3-2-2 (8개 학기 반복이수 가능)
- 6102.5136 작품연구스튜디오 2-2(Graduate Studio Seminar 2-2) 3-2-2 (8개 학기 반복이수 가능)
- 6102.5137 작품연구스튜디오 2-3(Graduate Studio Seminar 2-3) 3-2-2 (8개 학기 반복이수 가능)
- 6102.5138 작품연구스튜디오 2-4(Graduate Studio Seminar 2-4) 3-2-2 (8개 학기 반복이수 가능)
- 6102.5139 작품연구스튜디오 2-5(Graduate Studio Seminar 2-5) 3-2-2 (8개 학기 반복이수 가능)
- 6102.5140 작품연구스튜디오 2-6(Graduate Studio Seminar 2-6) 3-2-2 (8개 학기 반복이수 가능)
- 6102.512B 서양화전공세미나(Major Seminar in Painting) 3-2-2 (4개 학기 반복이수 가능)
- 6102.526B 판화전공세미나(Major Seminar in Printmaking) 3-2-2 (4개 학기 반복이수 가능)
- 6102.5142 판화와 디지털매체(Printmaking and Digital Media) 3-2-2 (2개 학기 반복이수 가능)
- 6102.603 작품발표(Presentation) 3-2-2 (2개 학기 반복이수가능 가능)
- 6102.5310 현대서양미술사연구(Studies in Contemporary Western Art) 3-3-0
- 6102.5141 근현대한국미술의 쟁점(Issues on Modern and Contemporary Korean Art) 3-3-0
- 602.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Painting)
지도교수의 추천에 의하여 학과장이 인정하는 과목

603. 조소과(Department of Sculpture)

*** 작품연구스튜디오 3-1~3-6은 반복이수 8회 가능**

- 6103.610* 개별작품연구 1(Developing Individual Project 1) 3-2-2
- 6103.611* 개별작품연구 2(Developing Individual Project 2) 3-2-2
- 6103.601 작품연구스튜디오 3-1(Graduate Studio Seminar 3-1) 3-2-2
- 6103.602 작품연구스튜디오 3-2(Graduate Studio Seminar 3-2) 3-2-2
- 6103.603 작품연구스튜디오 3-3(Graduate Studio Seminar 3-3) 3-2-2
- 6103.604 작품연구스튜디오 3-4(Graduate Studio Seminar 3-4) 3-2-2
- 6103.605 작품연구스튜디오 3-5(Graduate Studio Seminar 3-5) 3-2-2
- 6103.606 작품연구스튜디오 3-6(Graduate Studio Seminar 3-6) 3-2-2
- 6103.506 한국조각사특강(Topics in History of Korean Sculpture) 3-3-0
- 6103.507 동양조각사특강(Topics in History of Oriental

- Sculpture) 3-3-0
- 6103.508 서양조각사특강(Topics in History of Western Sculpture) 3-3-0
- 6103.514 현대조각특론(Theories and Criticisms of Modern and Postmodern Art) 3-3-0
- M0000.011700 현대조각담론(Issues on Contemporary Sculpture) 3-3-0
- 603.803 대학원논문연구(Research and Thesis) 3-3-0
- M0000.011700 기획과 제안 (Project & Presentation Workshop) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Sculpture)
지도교수의 추천에 의하여 학과장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)
학과내규에 의함.

<박사과정>

610. 미술학과(Department of Fine Art)

동양화전공(Oriental Painting Major)

- 601.617 일본미술사연구(Studies in History of Japanese Art) 3-3-0
- 601.619 중국미술사연구(Studies in History of Chinese Art) 3-3-0
- 6101.502 전통회화기법의 활용(Application of Traditional Painting Technique) 3-2-2
- 6101.503 창작서예와 전각(Creative Calligraphy and Seal Carving) 3-2-2
- 6101.529A 조형론연구 1(Seminar in Theory of Painting 1) 3-3-0 (2개 학기 반복이수 가능)
- 6101.530 조형론연구 2(Seminar in Theory of Painting 2) 3-3-0 (2개 학기 반복이수 가능)
- 6101.531A 벽화기법연구(Studies in Mural Painting) 3-2-2
- 6101.532A 공간과 회화(Space and Painting) 3-3-0
- 6101.534A 작품보존실습(Practice in Art Conservation) 3-2-2
- 6101.601 작품연구스튜디오 1-1(Graduate Studio Seminar1-1) 3-2-2 (8개 학기 반복이수 가능)
- 6101.602 작품연구스튜디오 1-2(Graduate Studio Seminar1-2) 3-2-2 (8개 학기 반복이수 가능)
- 6101.603 작품연구스튜디오 1-3(Graduate Studio Seminar1-3) 3-2-2 (8개 학기 반복이수 가능)
- 6101.604 작품연구스튜디오 1-4(Graduate Studio Seminar1-4) 3-2-2 (8개 학기 반복이수 가능)
- 6101.602 작품연구스튜디오2(Graduate Studio Seminar2) 3-2-2 (8개 학기 반복이수 가능)
- 6101.603 작품연구스튜디오3(Graduate Studio Seminar3) 3-2-2 (8개 학기 반복이수 가능)
- 6101.604 작품연구스튜디오4(Graduate Studio Seminar4) 3-2-2 (8개 학기 반복이수 가능)
- 6101.616A 작품감정론 1(Studies in Connoisseurship 1) 3-3-0 (2개 학기 반복이수 가능)
- 6101.617 작품감정론 2(Studies in Connoisseurship 2) 3-3-0 (2개 학기 반복이수 가능)
- 6101.702A 한국미술비평세미나(Seminar in Critical Theory of Korean Art) 3-3-0
- 6101.705 통합매체연구(Studies in Collective Media) 3-3-0
- 610.803 대학원논문연구(Dissertation Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Oriental Painting)
학과내규에 의함.

교과목 이수규정

(Departmental Course Requirements)
학과내규에 의함.

서양화·판화전공(Painting · Printmaking Major)

- 6102.5135 작품연구스튜디오 2-1(Graduate Studio Seminar 2-1) 3-2-2 (8개 학기 반복이수 가능)
- 6102.5136 작품연구스튜디오 2-2(Graduate Studio Seminar 2-2) 3-2-2 (8개 학기 반복이수 가능)
- 6102.5137 작품연구스튜디오 2-3(Graduate Studio Seminar 2-3) 3-2-2 (8개 학기 반복이수 가능)
- 6102.5138 작품연구스튜디오 2-4(Graduate Studio Seminar 2-4) 3-2-2 (8개 학기 반복이수 가능)
- 6102.5139 작품연구스튜디오 2-5(Graduate Studio Seminar 2-5) 3-2-2 (8개 학기 반복이수 가능)
- 6102.5140 작품연구스튜디오 2-6(Graduate Studio Seminar 2-6) 3-2-2 (8개 학기 반복이수 가능)
- 6102.601A 연구작품세미나(Seminar in Advanced Project) 3-2-2 (4개 학기 반복이수 가능)
- 6102.512B 서양화전공세미나(Major Seminar in Painting) 3-2-2 (4개 학기 반복이수 가능)
- 6102.526B 판화전공세미나(Major Seminar in Printmaking) 3-2-2 (4개 학기 반복이수 가능)
- 6102.5142 판화와 디지털매체(Printmaking and Digital Media) 3-2-2 (2개 학기 반복이수 가능)
- 6102.603 작품발표(Presentation) 3-2-2 (2개 학기 반복이수가능 가능)
- 6102.5310 현대서양미술사연구(Studies in Contemporary Western Art) 3-3-0
- 6102.5141 근현대한국미술의 쟁점(Issues on Modern and Contemporary Korean Art) 3-3-0
- 602.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Painting)
지도교수의 추천에 의하여 학과장이 인정하는 과목

조소전공(Sculpture Major)

※ 작품연구스튜디오 3-1~3-6은 반복이수 8회 가능

- 6103.610* 개별작품연구 1(Developing Individual Project 1) 3-2-2
- 6103.611* 개별작품연구 2(Developing Individual Project 2) 3-2-2
- 6103.601 작품연구스튜디오 3-1(Graduate Studio Seminar 3-1) 3-2-2
- 6103.602 작품연구스튜디오 3-2(Graduate Studio Seminar 3-2) 3-2-2
- 6103.603 작품연구스튜디오 3-3(Graduate Studio Seminar 3-3) 3-2-2
- 6103.604 작품연구스튜디오 3-4(Graduate Studio Seminar 3-4) 3-2-2
- 6103.605 작품연구스튜디오 3-5(Graduate Studio Seminar 3-5) 3-2-2
- 6103.606 작품연구스튜디오 3-6(Graduate Studio Seminar 3-6) 3-2-2
- 6103.503A 시간, 공간, 질서연구 1(Studies in Time, Space, and Order 1) 3-2-2
- 6103.504B 자연, 문화, 조각연구 1(Studies in Nature, Culture and Sculpture 1) 3-2-2
- 6103.506 한국조각사특강(Topics in History of Korean Sculpture) 3-3-0
- 6103.507 동양조각사특강(Topics in History of Oriental Sculpture) 3-3-0
- 6103.508 서양조각사특강(Topics in History of Western Sculpture) 3-3-0
- 6103.510 시간, 공간, 질서연구 2(Studies in Time, Space and

- Order 2) 3-2-2
6103.511A 자연, 문화, 조각연구 2(Studies in Nature, Culture and Sculpture 2) 3-2-2
6103.514 현대조각특론(Theories and Criticisms of Modern and Postmodern Art) 3-3-0
M0000.011700 현대조각담론(Issues on Contemporary Sculpture) 3-3-0
603.803 대학원논문연구(Research and Thesis) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Sculpture)
지도교수의 추천에 의하여 학과장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)
학과내규에 의함.

611. 디자인학부(Department of Crafts and Design)

공통과목(Core Courses)

- 611.5003 한국조형문화론(Studies in Korean Culture and Form) 3-3-0
611.5012A 현대공예문화론2(Theories of Contemporary Craft Culture2) 3-3-0
611.5013A 현대공예문화론1(Theories of Contemporary Craft Culture1) 3-3-0
611.5103A 공예이론세미나(Seminar in Craft Theories) 3-2-2
611.5014 작가연구(Survey and Research in the Independent Artist/Designer) 3-3-0
611.803 대학원논문연구(Reading and Research) 3-3-0
611.7016 고급디자인스튜디오 1(Advanced Design Studio 1) 3-2-2
611.7017 고급디자인스튜디오 2(Advanced Design Studio 2) 3-2-2
611.7015 디자인역사와 비평(History of Design and Criticism) 3-3-0
M1774.004300 디자인연구방법론1(Design Research Methodology 1) 3-3-0
M1774.004400 디자인연구방법론2(Design Research Methodology 2) 3-3-0
M1782.000200 디자인논문심화연구(Intensive Research on Design Thesis) 3-3-0
M1774.005900 글로벌전략과실무(Global Strategies in Design Practice) 3-3-0

도자공예전공(Ceramics Major)

- 611.5101 도예스튜디오 1(Ceramic Studio 1) 3-2-2
611.5102 도예스튜디오 2(Ceramic Studio 2) 3-2-2
M1788.001700 도자제작 응용 및 확장 1(Expanded Application of Ceramic Manufacturing 1) 3-2-2
M1788.001800 도자제작 응용 및 확장 2(Expanded Application of Ceramic Manufacturing 2) 3-2-2
611.5110A 도예현장사례연구(Directed Field Survey and Research in Ceramics) 3-2-2

금속공예전공(Metalwork Major)

- 611.5201 금속공예스튜디오 1(Metalsmithing Studio 1) 3-2-2
611.5202 금속공예스튜디오 2(Metalsmithing Studio 2) 3-2-2
611.5203 금속공예스튜디오 3(Metalsmithing Studio 3) 3-2-2
611.5204 전통금속공예연구(Studies in Korean Traditional Metalsmithing) 3-2-2
611.5206A 금속재료학세미나(Seminar in Metal Materials) 3-3-0
611.5209 개별주제연구2(Independent Study in Metalsmithing 2) 3-2-2
611.5210A 금속공예현장사례연구(Directed Field Survey and

Research in Metalsmithing) 3-3-0

시각디자인전공(Visual Communication Design Major)

- 611.5309A 디자인스튜디오 41(Design Studio 41) 3-2-2
611.5310A 디자인스튜디오 42(Design Studio 42) 3-2-2
611.5311A 디자인스튜디오 71(Design Studio 71) 3-2-2
611.7311A 디자인스튜디오 72(Design Studio 72) 3-2-2
611.5312A 디자인스튜디오 81(Design Studio 81) 3-2-2
611.7310A 디자인스튜디오 82(Design Studio 82) 3-2-2
611.5301A 디자인스튜디오 91(Design Studio 91) 3-2-2
611.5302A 디자인스튜디오 92(Design Studio 92) 3-2-2
M1774.007200 아이덴티티디자인연구 1(Studies in Identity Design 1) 3-3-0
M1774.007300 아이덴티티디자인연구 2(Studies in Identity Design 2) 3-3-0
M1774.008000 비주얼내러티브연구 1(Studies in Visual Narrative 1) 3-3-0
M1774.008200 비주얼내러티브연구 2(Studies in Visual Narrative 2) 3-3-0
M1774.005500 UI디자인연구 1(User Interface Design Research 1) 3-3-0
M1774.006500 UI디자인연구 2(User Interface Design Research 2) 3-3-0
M1774.006800 영상디자인연구 1(Motion Graphics Design Research 1) 3-3-0
M1774.006900 영상디자인연구 2(Motion Graphics Design Research 2) 3-3-0

공업디자인전공(Industrial Design Major)

- 611.7405A 디자인스튜디오 11(Design Studio 11) 3-2-2
611.5416 디자인스튜디오 12(Design Studio 12) 3-2-2
611.5409A 디자인스튜디오 21(Design Studio 21) 3-2-2
611.5410A 디자인스튜디오 22(Design Studio 22) 3-2-2
611.5401A 디자인스튜디오 31(Design Studio 31) 3-2-2
611.5402A 디자인스튜디오 32(Design Studio 32) 3-2-2
611.7401A 디자인스튜디오 61(Design Studio 61) 3-2-2
611.7404A 디자인스튜디오 62(Design Studio 62) 3-2-2
M1774.006400 디자인스튜디오 101(Design Studio 101) 3-2-2
M1774.000100 디자인스튜디오 102(Design Studio 102) 3-2-2
M1774.005400 디자인세미나1: 기술환경과경제(Design SeminarI: Technological Environment and Economy) 3-3-0
M1774.005600 디자인세미나2: 생태환경과문화(Design SeminarII: Ecological Environment and Culture) 3-3-0
M1774.005700 제품디자인강독(Readings in ID) 3-3-0
M1774.005800 공간디자인강독(Readings in Space Design) 3-3-0
M1774.006100 피지컬인터랙션디자인(Physical Interaction Design) 3-3-0
M1774.006000 사고와조형언어(Thinking Ability and Formative Language) 3-3-0
M1774.006200 공간의조직과표현(Spatial Reasoning and Representation) 3-3-0
M1774.006300 공간디자인구현과제작 (Space Design Representation and Fabrication) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Crafts and Design)
지도교수의 추천에 의하여 학과장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)
학부내규에 의함.

디자인역사문화전공(Design History and Culture Major)

- 611.5502A 디자인스튜디오 51(Design Studio 51) 3-2-2
611.5504A 디자인스튜디오 52(Design Studio 52) 3-2-2

615.501	디자인역사문화연구개론(Introduction to Design History and Culture Studies) 3-3-0	615.506	디지털디자인문화연구(Studies in Digital Design Culture) 3-3-0
615.502	문화원형디자인탐사(Studies in Design Exploration of Cultural Archetypes) 3-3-0	615.508	시각문화와 디자인언어론(Theories of Visual Culture and Design Language) 3-3-0
615.503	한국근현대디자인사(Studies in History of Korean Modern and Contemporary Design) 3-3-0	615.510	디자인공공미학특강(Topics in Design and Public Aesthetics) 3-3-0
615.504	동아시아디자인문화사(Topics in History of East Asian Design Culture) 3-3-0	615.606	디자인문화행정원론(Principles of Administration for Design Culture) 3-3-0
615.505	서양근현대디자인문화사(Studies in History of Western Modern and Contemporary Design) 3-2-0	615.602A	디자인역사문화현장실습(Internship for Design History and Culture) 3-3-0

275. 법학과(Department of Law)

공통과목(Core Course)

270.803 대학원논문연구(Reading and Research) 3-3-0

(기초법전공 Basic Laws Major)

- 270.501 법철학기본연구(Fundamentals of Legal Philosophy) 3-3-0
- *270.502 법철학특수연구(Special Topics in Legal Philosophy) 3-3-0
- 270.503 법학방법론연구(Methodology of Legal Science) 3-3-0
- *270.504 법가치론특수연구(Problems of Values in Law) 3-3-0
- 270.505 자연법연구(Studies in Natural Law) 3-3-0
- 270.506 법사상사연구(Studies in History of Legal Thoughts) 3-3-0
- *270.507 법사상사특수연구(Special Topics in History of Legal Thoughts) 3-3-0
- 270.508 근대법사상사연구(Studies in Modern Legal Thoughts) 3-3-0
- 270.513 로마법연구(Studies in Roman Law) 3-3-0
- 270.514 한국법제사연구(Studies in Korean Legal History) 3-3-0
- 270.515 서양법제사연구(Studies in European Legal History) 3-3-0
- *270.517 동양법제사연구(Studies in Oriental Legal History) 3-3-0
- *270.518 한국법제사특수연구(Topics in Korean Legal History) 3-3-0
- 270.522A 사법사비교연구(Comparative Studies in History of Private Law) 3-3-0
- 270.523 법경제학연구(Studies in Law and Economics) 3-3-0
- 270.527 로마사법연구(Studies in Roman Private Law) 3-3-0
- *270.531 근세사법사연구(Studies in History of Modern Private Law) 3-3-0
- 270.532 근세공법사연구(Studies in History of Modern Public Law) 3-3-0
- 270.539 법이론연구(Studies in Legal Theory) 3-3-0
- *270.540 한국근대법사연구(Studies in Modern Korean Legal History) 3-3-0
- *270.545 법사회학특수연구(Special Topics in Sociology of Law) 3-3-0
- *270.547 외국법강독(Readings in Foreign Law) 3-3-0
- *M2172.001200 젠더법학연구(Studies in Gender and Law) 3-3-0
- 270.550 법인류학연구(Studies in Anthropology of Law) 3-3-0
- M2172.000700 법인류학특수연구(Special Studies in Anthropology of Law) 3-3-0
- M2172.001000 여성주의 관례연구(Feminist Studies of the Legal Cases) 3-3-0
- M2172.001500 인공지능법특수연구(Topics in Artificial Intelligence and Law) 3-3-0
- M2090.002100 블록체인과 법(Blockchain and Law) 3-3-0

(헌법전공 Constitutional Law Major)

- *270.601 헌법일반이론(General Theory of Constitutional Law) 3-3-0
- *270.602 기본권론(Political Rights and Civil Liberties) 3-3-0
- *270.603 헌법기본판례연구(Case Studies in Constitutional Law) 3-3-0
- *270.604 비교헌법론(Comparative Constitutional Law) 3-3-0
- 270.605 위헌법률심사제도론(Judicial Review System) 3-3-0
- *270.606 헌법특수연구(Topics in Constitutional Law) 3-3-0

- *270.607 기본권특수연구(Topics in Political Rights and Civil Liberties) 3-3-0
- *270.608 일반국법학연구(General Theory of State) 3-3-0
- *270.610 정부제도론(Studies in Government Institutions) 3-3-0
- *270.612 정당선거제도론(Political Parties and Elections) 3-3-0
- *270.613 의회제도론(Studies in the Legislature and Parliamentary Systems) 3-3-0
- 270.614 언론의 자유(Freedom of Speech) 3-3-0
- *270.616 언론정보법(Press, Mass Communication, Telecommunication and Information Law) 3-3-0
- 270.617 법정정책학연구(Policy Science of Law) 3-3-0
- 270.618 법정정책학특수연구(Topics in Policy Science in Law) 3-3-0
- M2172.000800 한국헌법기본연구(Introduction to Korean Constitutional Law) 3-3-0
- M2172.000900 인권법연구(Studies in Human Rights Law) 3-3-0

(민사법전공 Civil Law Major)

- 270.535 영국사법연구(Studies in English Private Law) 3-3-0
 - 270.536 미국사법연구(Studies in American Private Law) 3-3-0
 - 270.621 사법일반이론(General Theory of Private Law) 3-3-0
 - 270.623 채권법연구(Studies in Law of Contracts and Torts) 3-3-0
 - *270.625 재산법판례연구(Case Studies in Law of Property and Obligation) 3-3-0
 - 270.626 민사소송법연구(Studies in Civil Procedure) 3-3-0
 - *270.627 사법특수연구(Topics in Private Law) 3-3-0
 - 270.628 비교사법연구(Comparative Study of Private Law) 3-3-0
 - *270.629 민사소송법특수연구(Topics in Civil Procedure) 3-3-0
 - *270.630 물권법특수연구(Topics in Law of Property) 3-3-0
 - *270.631 채권법특수연구(Topics in Law of Contracts and Torts) 3-3-0
 - *270.632 가족법특수연구(Topics in Family Law) 3-3-0
 - 270.633 부당이득불법행위법연구(Studies in Law of Torts and Unjust Enrichment) 3-3-0
 - 270.634 민사소송법판례연구(Case Studies in Civil Procedure) 3-3-0
 - 270.637 가족법판례연구(Case Studies in Family Law) 3-3-0
 - 270.639 파산법연구(Studies in Law of Bankruptcy) 3-3-0
 - 270.640 담보물권법연구(Studies in Law of Secured Property) 3-3-0
 - *270.642 독일사법연구(Studies in German Private Law) 3-3-0
 - *270.645 비교민사소송법연구(Comparative Study of Civil Procedure) 3-3-0
 - M2172.001900 민사집행법판례연구(Case Studies in Law of Enforcement of Judgement) 3-3-0
 - 270.647 국제민사소송법연구(Studies in International Civil Procedure) 3-3-0
 - 270.648 재판외분쟁해결절차연구(Studies in Alternative Dispute Resolution) 3-3-0
 - 270.649 가사소송법연구(Studies in Domestic Relations Adjudication Law) 3-3-0
 - *270.717 국제사법특수연구(Topics in Conflict of Laws) 3-3-0
 - *M2172.000100 의료법연구(Study of Health Law) 3-3-0
 - M2172.001800 민사집행법특수연구(Topics on Civil Enforcement Law) 3-3-0
- (상사법전공 Commercial Law Major)**
- *270.638 무체재산권특수연구(Topics in Law of Intellectual Property) 3-3-0

270.772 노동보호법연구(Law of Individual Labor Relations) 3-3-0
 *270.776 노동조합특수연구(Topics in Trade Union) 3-3-0
 270.778 단체협약제도연구(Studies in Collective Agreement) 3-3-0
 270.781 ILO근로기준연구(ILO Labor Standards) 3-3-0
 270.783 노동법기본연구(Principles of Labor Law) 3-3-0
 *270.784 사회보장법연구(Social Security Law) 3-3-0
 *270.786 비교노동법연구(Comparative Study of Labor Law) 3-3-0
 *270.787 비교사회보장법연구(Comparative Study of Social Security Law) 3-3-0
 270.789 사회보장법판례연구(Case Studies in Social Security Law) 3-3-0
 *270.790 노사협의제도특수연구(Topics in Labor-Management Council) 3-3-0
 270.791 경제법연구(Studies in Economic Law) 3-3-0
 *270.792 경제법특수연구(Topics in Economic Law) 3-3-0
 *270.793 비교경제법연구(Comparative Study of Economic Law) 3-3-0
 270.794 독점규제법연구(Anti-Trust Law) 3-3-0
 *270.795 법경제학특수연구(Special Topics in Law and Economics) 3-3-0
 270.796 노사관계론(Industrial and labor Relations) 3-3-0
 270.798 국제노동법연구(Studies in International Labour Law) 3-3-0
 270.799 소비자보호법연구(Studies in Consumer Law) 3-3-0
 270.800 농업법연구(Studies in Law of Agriculture) 3-3-0
 270.804 산업규제법일반연구(Studies in Law of Industrial

Regulations) 3-3-0
 270.805 산업재해보상법연구(Law of Worker Compensation) 3-3-0
 *270.852 산업규제법특수연구(Topics in Law of Industrial Regulations) 3-3-0
 *270.855 경제법판례연구(Case Studies in Economic Law) 3-3-0

교과목 이수규정
(Departmental Curricula Requirements)
 학과내규로 정함.

2751. 지식재산전공(Intellectual Property Major)

2751.501 특허관리(Patent Management) 3-3-0
 2751.503 국제비즈니스협상(International Business Negotiation) 3-3-0
 2751.506 국제지적재산권(International Intellectual Property) 3-3-0
 2751.507 라이선싱(Licensing Intellectual Property) 3-3-0
 2751.508 ITC소송전략(Strategies in ITC Litigation) 3-3-0
 2751.509 국제특허소송전략(Strategies for International Patent Litigations) 3-3-0
 2751.511 지적재산경영론(Management of Intellectual Property) 3-3-0
 2751.512 지적재산사업화(Commercialization of Intellectual Property) 3-3-0

<사범대학 주관>

교직공동과목(Teacher-Training Courses)

- 대학원 교육계학과 교직과목 이수규정
대학원 교육계학과(교육학과 포함) 학생으로서 교원자격 무시험 검정으로 교원자격증을 취득하고자 하는 자는 다음 규정에 따라 소정의 학점을 이수하여야 한다.
- 가. 대학원 교육계학과와 학사과정에서 “자격증 표시과목”과 관련된 소정의 전공과목과 교직과목의 학점을 다음과 같이 이수해야 함.
전공과목 : 50학점 이상{기본이수영역 7과목 21학점 이상, 교과 교육영역 3과목 8학점 이상}을 이수하되 학사과정에서 이수한 전공과목 학점 인정은 교육부 장관이 고시한 “표시과목 관련학과”에 포함되어 있는 전공학과 또는 부전공학과에서 이수한 학점으로 함.
교직과목 : 교원자격검정령 등 관계 규정에 정해진 22학점 이상을 영역별(교직이론 12학점 이상, 교직소양 6학점 이상, 교육실습 4학점 이상)로 이수하여야 함.
- 나. 학사과정에서 이수한 교직과목의 이수학점 인정은 학사과정 재학 당시 교원자격검정령 등 관계규정에 의거 교직과목으로 인정된 과목으로 함.
- 다. 대학원 교육계학과에서 이수한 과목이 교원자격검정령 등 관계 규정의 교직과목과 유사한 과목일 때에는 소정의 절차를 거쳐 교직과목을 이수한 것으로 인정할 수 있음.
- 라. 자격증 표시과목은 대학원 교육계학과 전공관련 표시과목을 부여함.

* 교직과목

- 가. 교직이론
 - ㄱ. T1831.000400 교육심리(Educational Psychology) 2-2-0
 - ㄴ. T1831.000500 교육철학 및 교육사(Philosophy and History of Education) 2-2-0
 - ㄷ. T1831.000600 교육과정(Curriculum) 2-2-0
 - ㄹ. T1831.000700 교육평가(Educational Evaluation) 2-2-0
 - ㅁ. T1831.000800 생활지도 및 상담(Guidance and Counseling) 2-2-0
 - ㅂ. T1831.001100 교육사회(Sociology of Education) 2-2-0
 - ㅅ. T2184.001600 교육학개론(Introduction to the Study of Education) 2-2-0
 - ㅇ. T2184.001700 교육행정 및 교육경영(Educational Administration and School Management) 2-2-0
 - ㅈ. T2184.001800 교육방법 및 교육공학(Teaching Methods and Educational Technology) 2-2-0
- 나. 교직소양
 - ㄱ. T1831.000900 특수교육학개론(Education for Students with Special Needs) 2-2-0
 - ㄴ. T1831.001000 학교폭력예방 및 학생의 이해(Understanding School Violence Prevention and Students' Developmental Characteristic) 2-2-0

<경과조치>

- ㄱ. 이 규정은 2009학년도 입학자부터 적용한다.
- ㄴ. 2008학년도 이전 입학자는 종전의 교직과목 이수규정에 따른다.
- ※ 교직과목, 교과전공과목은 학사과정 ‘사범대학’, ‘교직과목’ 내용참고

701. 교육학과(Department of Education)

공동과목(Core Courses)

- 701.584 경험과학적연구방법론(Empirical Research Methods) 3-3-0
- 701.629 현지연구와 질적분석(Field Based Research and Qualitative Analysis) 3-3-0
- 701.698A 교육과 생애사 연구방법론(Education and Life History

- Research Methodology) 3-3-0
- 701.803 대학원논문연구(Dissertation Research) 3-3-0
- 701.821 교육문화기술법연습(Seminar in Ethnography of Education) 3-3-0
- 701.826A 교육연구와 철학적 방법론(Educational Studies and Philosophical Methodologies) 3-3-0
- *701.850B 비교교육연구방법론(Comparative Education Research Methodology) 3-3-0
- 701.898 사례연구방법론(Research Methods of Case Study) 3-3-0
- 701.916 교육통계분석론(Advanced Statistical Method for Educational Research) 3-3-0
- M1831.001500 교육연구와 다층모형 1(Multilevel Modeling in Educational Studies 1) 3-3-0
- M1831.001600 교육연구와 구조방정식모형 1(Structural Equation Modeling in Educational Studies 1) 3-3-0
- M1831.001700 인과추론의 이해와 적용(Introduction to Casual Inference) 3-3-0
- M1831.001900 박사 세미나 1(Doctoral Student Seminar 1) 1-1-0
- M1831.002000 박사 세미나 2(Doctoral Student Seminar 2) 1-1-0
- M1831.002100 비판적 문헌 강독 세미나(Critical Literature Review Seminar) 3-3-0
- M1831.002200 포스트디지털사회와 공존교육세미나(Post-digital Society and Co-existence Education Seminar) 3-3-0
- M1831.002300 사회변화와 교육혁신세미나(Social Change and Education Innovation Seminar) 3-3-0
- M1831.002400 교육현장연구실습(Education Field Research Practicum) 1-0-2

701D. 교육학전공(Foundations of Education Major)

- 701.5001 교육심리학 연구(Studies in Educational Psychology) 3-3-0
- 701.5002 영재교육이해(Understanding Gifted Education) 3-3-0
- 701.5003 재능개발교육연구(Studies in Education for Talent Development) 3-3-0
- 701.5004 창의성과 교육(Creativity and Education) 3-3-0
- 701.5005 창의성 이론과 실제(Theories and Applications of Creativity) 3-3-0
- 701.5006 창의/영재교육비평(Critiques of Creative and Gifted Education) 3-3-0
- 701.5008 학교심리문제연구(Studies in School Psychological Problem) 3-3-0
- 701.5009 학교학습과 교육심리(School Learning and Educational Psychology) 3-3-0
- 701.503 한국교육사연구(Studies in Korean History of Education) 3-3-0
- 701.535 교육인류학연구(Studies in Anthropology of Education) 3-3-0
- *701.571 교육평가이론(Theories of Educational Evaluation) 3-3-0
- 701.574A 교육사회학연구(Pro-seminar in Sociology of Education) 3-3-0
- *701.577A 교육철학세미나(Seminar on Philosophy of Education) 3-3-0
- *701.611A 동양교육사상사세미나(Seminar in History of Educational Thoughts in the Orient) 3-3-0
- 701.612 서양교육사상사(History of Educational Thoughts in the West) 3-3-0
- 701.632 학습과 인지(Learning and Cognition) 3-3-0
- 701.730 문화전달이론(Theories of Cultural Transmission) 3-3-0
- 701.781 문항반응이론(Item Response Theory) 3-3-0
- *701.813 현대교육철학연구(Studies in Modern Philosophies of Education) 3-3-0
- *701.859 교육사연구특강(Topics in History of Education) 3-3-0

*701.911	교육측정세미나(Seminar on Educational Measurement) 3-3-0	701.880	집단상담 및 교육프로그램개발(Program Development of Group Counseling and Psycho-education) 3-3-0
701.930A	교육프로그램평가(Educational Program Evaluation) 3-3-0	*701.881	상담학의 최근 동향과 쟁점(Current Movement and Issues in Counseling) 3-3-0
*701.938	교육역사사회학연구(Seminar on Historical Sociology of Education) 3-3-0	701.895	마음·뇌·교육(Mind, Brain and Education) 3-3-0
*701.939	한국교육사특수연구(Studies in Topics of Korean Educational History) 3-3-0	701.896	교육·심리검사 및 진단 실습(Educational and Psychological Test : Practicum) 3-3-0
*701.941	근대한국교육의 형성(The Making of Modern Education in Korea) 3-3-0	*701.897A	현대 상담이론과 교육(Current Theories of Counseling and Education) 3-3-0
*701.953A	교육통계세미나(Seminar in Education Statistics) 3-3-0	701.917B	고급상담이론과 기법(Advanced Theories and Techniques of Counseling) 3-3-0
*701.979	아시아교육사연구(Studies in the History of Asian Education) 3-3-0	701.923	상담연구방법론(Methodology of Counseling Research) 3-3-0
*701.988	교육심리학세미나(Educational Psychology Seminar) 3-3-0	701.932A	교육심리상담특수교육 연구설계(Research Design in Counseling, Educational Psychology and Special Education) 3-3-0
701.990	교육과정개발세미나(Seminar in Curriculum Development) 3-3-0	701.960	상담현장실습 2(Counseling Practicum 2) 3-0-6
*701.991	교육과정이론세미나(Seminar in Curriculum Theories) 3-3-0	701.965A	교육·심리검사 및 진단(Educational and Psychological Testing) 3-3-0
*701.992	학교교육과정연구(Studies in School Curriculum) 3-3-0	701.966	진로 및 직업상담(Career and Vocational Counseling) 3-3-0
701.993	학습동기연구(Learning Motivation Research) 3-3-0	701.968	집단상담(Group Counseling) 3-3-0
*701.999	서양교육사연구(Studies in the History of Western Education) 3-3-0	701.969	상담현장실습 1(Counseling Practicum 1) 3-0-6
M1831.001800	교육연구와 양적방법 세미나(Education and Quantitative Methods Seminar) 3-3-0	701.971	상담교육및수퍼비존(Counselor Education and Supervision) 3-3-0
M1831.004300	재능 판별과 측정 및 진단(Identification and Measurement of Talents) 3-3-0	701.989	집단상담실습(Practice in Group Counseling) 3-3-3
M1831.004400	교육과정연구(Research in Curriculum) 3-3-0	M1837.000100	상담이론과 실제(Theories and Practice of Counseling) 3-3-0
M1835.000100	교육심리논문작성(Writing Theses and Journal Articles in Educational Psychology) 3-3-0		
M1835.000200	자기주도학습연구(Studies in Self-regulated Learning) 3-3-0		
701E. 교육공학전공(Educational Technology Major)		701A. 교육행정전공(Educational Administration Major)	
701.5011	스마트 학습 설계(SMART Learning Design) 3-3-0	701.548	교육행정이론(Theories of Educational Administration) 3-3-0
701.652A	교수체제설계(Survey of Instructional Systems Design) 3-3-0	701.551	교육지도성이론(Theories of Educational Leadership) 3-3-0
701.680A	교육공학기초(Foundations of Educational Technology) 3-3-0	701.556	교육정책론(Educational Policy) 3-3-0
*701.688	교수설계세미나(Seminar in Instructional Design Theories) 3-3-0	701.563	교육경제학(Educational Economics) 3-3-0
701.945A	원격교육과 이러닝(Theories of Distance Education and E-learning) 3-3-0	701.681	교육재정학(Educational Finance) 3-3-0
M1831.000800	교육공학 창의개발랩 (Creative Development Lab in Educational Technology) 3-3-0	701.684A	교육인적자원행정(Human Resource Administration) 3-3-0
M1831.000900	인공지능 기반 교육 (Artificial Intelligence in Education) 3-3-0	701.685	학교경영(School Administration) 3-3-0
M1831.001000	학습과학 세미나 (Learning Sciences Seminar) 3-3-0	*701.793A	교육행정세미나(Seminar of Educational Administration) 3-3-0
M1831.001100	학습분석 (Learning Analytics) 3-3-0	701.805	고등교육정책(Higher Education Policy) 3-3-0
M1831.001200	디지털 테크놀로지와 교육혁신 (Digital Technology and Educational Innovation) 3-3-0	701.871	교육법(Educational Law) 3-3-0
M1831.001300	이러닝 설계 세미나(Designing E-Learning Environment) 3-3-0	701.872	교원교육론(Teacher Education) 3-3-0
*M1831.001400	학습자 중심 학습환경설계(Learner Analysis and Design of Learning Environment) 3-3-0	*701.873	교육정책세미나(Seminar in Educational Policy) 3-3-0
701F. 교육상담전공(Educational Counseling Major)		701.874	고등교육론(Higher Education) 3-3-0
701.650	상담윤리 법 제도(Ethical, Logical and Organizational Issues in Counseling) 3-3-0	701.877	인간관계론(Human Relations in Education) 3-3-0
701.678	직업심리학과 상담(Vocational Psychology and Counseling) 3-3-0	701.899	교육정책분석론(Education Policy Analysis) 3-3-0
701.879	상담교육 및 수퍼비전실습(Practicum of Counselor Education and Supervision) 3-3-0	*701.900	고등교육세미나(Seminar of Higher Education) 3-3-0
		701.909	교육행정연구법(Research Methods in Educational Administration) 3-3-0
		701.981	교육제도비교연구(Comparative Studies in Educational Systems) 3-3-0
		701G. 평생교육전공(Life-Long Education Major)	
		701.606B	평생교육방법연구(Studies in Methods of Lifelong Education) 3-3-0
		701.608A	평생학습사회론(Theory of Lifelong Learning Society) 3-3-0
		701.609A	평생교육프로그램개발(Lifelong Education Program Development) 3-3-0
		701.610A	인적자원개발론(Human Resource Development) 3-3-0
		*701.660C	학습공동체론(Learning Community Theory and

- Practice) 3-3-0
- 701.691 기업교육론(Introduction to Business and Industry Education) 3-3-0
- *701.696B 성인학습이론연구(Adult Learning Theory and Research) 3-3-0
- 701.732A 평생교육학연구(Studies in Lifelong Education Theory) 3-3-0
- 701.806A 평생교육실습(Lifelong Education Practicum) 3-1-4
- 701.824A 평생학습연구방법론(Research Methodology in Lifelong Learning) 3-3-0
- 701.825A 평생교육경영세미나(Seminar in Lifelong Education Management and Administration) 3-3-0
- 701.882 인재론(Talent Theory and Practice) 3-3-0
- 701.883 리더십개발론(Leadership Development Theory and Practice) 3-3-0
- 701.884 평생학습과 생애경로세미나(Seminar in Lifelong Learning and Life Course) 3-3-0
- 701.885 융합학습시스템(Integrated Learning System) 3-3-0
- *701.994 전략적 HRD세미나(Strategic HRD Seminar) 3-3-0
- M1831.000300 역량진단 세미나(Competency Diagnosis Seminar) 3-3-0
- *M1831.000400 학습체계세미나(Learning systems seminar) 3-3-0
- *M1831.000500 평생학습시스템디자인(Lifelong Learning Systems Design) 3-3-0
- M1831.000600 평생학습과 삶의 사유(Lifelong Learning for Reflection on Life) 3-3-0
- *M1838.000100 포스트모더니즘과 평생학습세미나(Seminar on Post-modernism and Lifelong Learning) 3-3-0
- *M1838.000200 학습생애와 학습문화연구실습(Learning Lives and Learning Culture Research Practice) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Education)

서울대학교 과목 중 대학기 지도교수 및 학과장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

학과내규에 의함.

705. 국어교육과(Department of Korean Language Education)

공통과목(Core Courses)

- 705.525 국어교수학습론연구(Studies in Korean Language Education) 3-3-0
- 705.526A 국어문법교육론연구(Studies in Teaching Korean Language Grammar) 3-3-0
- 705.527 국어규범론연구(Studies in Standard Rules of Korean Language) 3-3-0
- 705.528 고전시가교육론연구(Studies in Teaching Classical Poetry) 3-3-0
- 705.529 고전산문교육론연구(Studies in Teaching Classical Prose) 3-3-0
- 705.530 현대시교육론연구(Studies in Teaching Modern Poetry) 3-3-0
- 705.531 현대산문교육론연구(Studies in Teaching Modern Prose) 3-3-0
- *705.606 언어와 문학(Language and Literature) 3-3-0
- 705.608 국어문화교육론연구(Studies in Teaching Korean Language Culture) 3-3-0
- *705.716 언어교육연습(Seminar in Language Teaching) 3-3-0
- *705.717 문학교육연습(Seminar in Literary Education) 3-3-0
- *705.720 국어교육과 관련학문연구(Studies in Korean Language

- Education and it's Related Disciplines) 3-3-0
- 705.723 국어교육정책론연구(Studies in Policy of teaching Korean Language) 3-3-0
- 705.724 국어어휘교육론연구(Studies in Teaching Korean Lexicon) 3-3-0
- 705.725A 담화텍스트교육론연구(Studies in Teaching Discourse Text) 3-3-0
- 705.726 구비문학교육론연구(Studies in Teaching Oral Literature) 3-3-0
- 705.727 교술문학교육론연구(Studies in Teaching Didactic Literature) 3-3-0
- 705.728 문학비평교육론연구(Studies in Teaching Literary Criticism) 3-3-0
- 705.729 문학교육사상론연구(Studies in Thoughts of Teaching Literature) 3-3-0
- 705.735 문학사교육론연구(Studies in Teaching History of Literature) 3-3-0
- 705.803 대학원논문연구(Reading and Research) 3-3-0

국어교육전공(Korean Language Education Major)

- 705.509 국어교육사연구(Studies in the History of Korean Language Education) 3-3-0
- 705.532A 국어의미·화용교육론연구(Studies in Teaching Korean Semantics and Pragmatics) 3-3-0
- 705.533 국어생활사교육론연구(Studies in the History of the Life in Korean Language) 3-3-0
- 705.534 시학교육론연구(Studies in Teaching Poetics) 3-3-0
- 705.535 서사교육론연구(Studies in Teaching Narrative) 3-3-0
- 705.536 교육연극론연구(Studies in the Educational Theatre) 3-3-0
- 705.607 독서교육론연구(Studies in Teaching Reading) 3-3-0
- 705.609 매체언어교육연습(Seminar in Teaching Media Language) 3-3-0
- 705.610 화법교육론연구(Studies in Teaching Speech) 3-3-0
- 705.611 작문교육론연구(Studies in Teaching Composition) 3-3-0
- 705.730 국어교재구성연구(Studies in Teaching Materials in Korean Language) 3-3-0
- 705.731 국어문장교육론연구(Studies in Teaching Korean Sentence and Discourse) 3-3-0
- 705.732 현대언어학과 국어교육연구(Modern Linguistics and Korean Language Teaching) 3-3-0
- 705.733 문학교육특수문제연구(Studies in Problem in Teaching Literature) 3-3-0
- 705.734 문예미학교육연구(Studies in Teaching Literary Aesthetics) 3-3-0
- 705.737 매체언어교육이론연구(Studies in Teaching Theories of Media Language) 3-3-0
- 705.738 문화교육이론연구(Studies in Theories of Teaching Culture) 3-3-0
- 705.739 국어장르교육론연구(Studies in Teaching Korean Language Genre) 3-3-0
- 705.740 구어교육론연구(Studies in Teaching Spoken Language) 3-3-0
- M1844.000300 자국어교육정책국제교류연구(Studies in International Exchange of National Language Education Policy) 3-3-0
- M1845.000200 통일 시대 국어교육 연구(Studies in Korean Language Education in the Unification Era) 3-3-0
- 705.715 국어교육연구방법론(Research Methodologies in Korean Language Education) 3-3-0
- M1844.000400 (한)국어교육논문작성의기초(Writing Seminar in Korean language education) 3-3-0

- 한국어교육전공(Korean as a Foreign Language Education Major)**
- 705.612 한국어교육론연구(Studies in Teaching Korean Language for Foreigners) 3-3-0
 - 705.613 한국문학교육론연구(Studies in Teaching Korean Literature for Foreigners) 3-3-0
 - 705.614 한국어음운교육론연구(Studies in Korean Teaching Phonology) 3-3-0
 - 705.615 한국어대조오류분석론연구(Contrastive Analysis of Teaching Korean Language as a Foreign Language) 3-3-0
 - 705.616 한국어문법교육론연구(Studies in Teaching Grammar of Korean Language) 3-3-0
 - 705.617 한국어이해론연구(Studies in Korean Language Understanding) 3-3-0
 - 705.618 한국어표현론연구(Studies in Korean Language Expression) 3-3-0
 - 705.619 한국어교수법연구(Studies in Teaching Methods of Korean Language as a Foreign Language) 3-3-0
 - 705.620 한국문화와 한국어교육연구(Korean Culture and Teaching Korean Language as a Foreign Language) 3-3-0
 - 705.622 한국어교육실습(Practicum Teaching Korean as Foreign Language) 3-0-6
 - 705.623 다중언어문화교육연구(Studies in Multi-language and Multi-culture Education) 3-3-0
 - 705.741 한국어교재론연구(Studies in Teaching Material of Korean Language as a Foreign Language) 3-3-0
 - 705.742 한국어평가론연구(Studies in Evaluation of Korean Language) 3-3-0
 - 705.743 한국어교육과정론연구(Studies in Curriculum in Teaching Korean Language as a Foreign Language) 3-3-0
 - 705.744A 한국어습득론연구(Studies in Aquisition of Korean as Foreign Language) 3-3-0
 - 705.745 한국어언어문화특수문제연구(Problems in Korean Language Culture) 3-3-0
 - 705.746A 한국고전문학교육과 전통문화연구(Studies in Teaching Classical Korean Literature and Traditional Culture) 3-3-0
 - 705.747A 한국현대문학교육과 현대문화연구(Studies in Teaching Modern Korean Literature and Modern Culture) 3-3-0
 - 705.747 한국현대문학교육론연구(Studies in Teaching Modern Korean Literature) 3-3-0
 - 705.750A 한국어교육연구와 지도방법론(Methods of Research Teaching Korean Language as a foreign Language) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Korean Language Education)

매학기 지도교수가 추천하고 학과장이 인정하는 과목

교과목 이수규정
(Departmental Course Requirements)
학과내규에 의함.

706. 외국어교육과(Department of Foreign Language Education)

- 707A. 영어전공(English Language Major)**
- *706.704A 응용언어학연구(Studies in Applied Linguistics) 3-3-0
 - *706.705 영어교육론연구(Studies in English Language Teaching) 3-3-0

- 706.707 영어교재 및 교과과정(English Teaching Materials and Curriculum) 3-3-0
- 706.708 외국어교육사(History of Teaching Foreign Languages) 3-3-0
- *M1849.000900 대화분석(Conversation Analysis) 3-3-0
- *706.711 영어교육연구방법론(Research Methods in TEFL) 3-3-0
- *706.733 영어음운론연습(Seminar in English Phonology) 3-3-0
- *706.734 영어통사론연습(Seminar in English Syntax) 3-3-0
- *706.737A 미국문화와 문학연구(Seminar in American Culture and Literature) 3-3-0
- *706.738A 영국문화와 문학연구(Seminar in British Culture and Literature) 3-3-0
- *707.508 영어교육론특강(Topics in English Language Teaching) 3-3-0
- 707.514 영어교육평가(Evaluation in TEFL) 3-3-0
- 707.515 심리언어학과 외국어교육(Psycholinguistics and Foreign Language Education) 3-3-0
- 707.516 사회언어학과 영어교육(Sociolinguistics and TEFL) 3-3-0
- *707.517 미국소설연구(Studies in American Novels) 3-3-0
- *707.518 영문학교육연구(Studies in Teaching English Literature) 3-3-0
- *707.519 영미현대문학연구(Studies in Contemporary British and American Literature) 3-3-0
- *707.521 영미시연구(Studies in British and American Poetry) 3-3-0
- *707.523 영국소설연구(Studies in English Novels) 3-3-0
- 707.526 응용언어학연구방법론(Research Methods in Applied Linguistics) 3-3-0
- *707.530 영어학연습(Practice in English Linguistics) 3-3-0
- 707.531 영어교수법연구(Studies in Teaching English as a Foreign Language) 3-3-0
- *707.532 영어교수법특강(Topics in Teaching English as a Foreign Language) 3-3-0
- *707.533 교육영문법(Pedagogical English Grammar) 3-3-0
- 707.803 대학원논문연구(Dissertation Research) 3-3-0
- 707.805 연구방법과 영어논문작성(Research Methods and Thesis Writing in English) 3-3-0
- M1849.000100 영어응용음성학연구(Studies in Applied English Phonetics) 3-3-0
- M1849.000200 영어음운론과 제2언어습득론(English Phonology and Second Language Acquisition) 3-3-0
- *M1849.000300 영어발음교육 세미나(Seminar in English Pronunciation Teaching and Learning) 3-3-0
- *M1849.000400 코퍼스 활용 외국어교육(Corpus-based Foreign Language Education) 3-3-0
- *M1849.000500 학습자 코퍼스 연구(Learner Corpus Research) 3-3-0
- *M1849.000600 언어평가와 테크놀로지(Language Assessment and Technology) 3-3-0
- *M1849.000700 제2언어 수행평가의 이해와 적용(Issues in Second Language Performance Assessment) 3-3-0
- M1849.000800 영어통사론과 제2언어습득론(English Syntax & Second Language Acquisition) 3-3-0

전공선택 인정과목
(Credited as Major Elective for English Language Major)
학과내규에 의함.

교과목 이수규정
(Departmental Course Requirements)
학과내규에 의함.

- 708A. 불어전공(French Language Major)**
- *708.570B 프랑스어의미론 및 화용론연구(Studies in French Semantics and Pragmatics) 3-3-0
 - *708.571A 프랑스문화교육론(Theories in Teaching French Culture) 3-3-0
 - *708.572A 프랑스어문법교육론(Theories of Teaching French Grammar) 3-3-0
 - 708.575B 멀티미디어와 프랑스어교육론(Multimedia and French Didactics) 3-3-0
 - 708.576A 프랑스어교수법의 역사(History of French Didactics) 3-3-0
 - *708.577A 프랑스어교육론(Theories of Teaching French) 3-3-0
 - *708.578A 프랑스어교육평가론(Evaluation in Teaching French) 3-3-0
 - 708.593 프랑스어와 한국어대조분석연구(Studies in Comparative Analysis of French and Korean) 3-3-0
 - *708.594 프랑스어학특강(Topics in French Linguistics) 3-3-0
 - 708.595 프랑스어음성학과 음운론연구(Studies in French Phonetics and Phonology) 3-3-0
 - *708.596A 프랑스어교육과 응용언어학(French Didactics and Applied Linguistics) 3-3-0
 - *708.597 프랑스어의사소통교육론(Theories of French Communication Didactics) 3-3-0
 - *708.598A 프랑스어교재 및 사실자료교육론(French Textbooks and French Didactics with Authentic Materials) 3-3-0
 - *708.600 프랑스문학교육방법론(Methods of Teaching French Literature) 3-3-0
 - 708.601 현대프랑스어통사론연구(Studies in French Syntax) 3-3-0
 - *708.603 프랑스시연구(Studies in French Poetry) 3-3-0
 - *708.605 프랑스어교육과정연구(Studies in French Curriculum) 3-3-0
 - 708.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for French Language Major)

인문대학 불어불문학과 석·박사 전공과목(다만, 학과장의 사전승인을 요함)

교과목 이수규정

(Departmental Course Requirements)

학과내규에 의함.

709A. 독어전공(German Language Major)

- 706.901 독문학교육방법론연구
(Methods of Teaching German Literature) 3-3-0
- *709.524 현대독문학교육연구(Studies in Teaching Modern German Literature) 3-3-0
- 709.534 독일아동 및 청소년문학연구(Study of German Lit. for Children & Adolescence) 3-3-0
- 709.535 독어학이론(Theories of German Linguistics) 3-3-0
- *709.536 외국어로서의 독일어(German as a Foreign Language) 3-3-0
- 709.539 독어교수법(Teaching of German Language Education) 3-3-0
- 709.544 문화간 의사소통과 문학교육(Intercultural Communication and Literature Education) 3-3-0
- 709.545 다문화 시대의 문학교육(Literature Education in the Age of Multiculturalism) 3-3-0
- 709.546 문학교육과 창의성(Literature Education and Creativity) 3-3-0
- 709.547 독서사회화와 문학교육(The Socialisation of Reading and Literature Education) 3-3-0
- 709.550 상호문화적 문학교육(Intercultural Approach to Teaching German Literature) 3-3-0
- 709.560 독어교재 및 교육과정(German Teaching Materials and

- Curriculum) 3-3-0
- 709.563 독일어번역학연구(Studies in Translation of German Language) 3-3-0
- 709.564 독어사연구(Studies in History of German Language) 3-3-0
- 709.803 대학원논문연구(Reading and Research) 3-3-0
- *M1854.000100 독어학 특강(Topics in German Linguistics) 3-3-0
- *M1854.000300 독문학 교육과 영화(German literature education and film) 3-3-0

전공선택 인정과목

(Credited as Major Elective for German Language Major)

학과내규에 의함.

교과목 이수규정

(Departmental Course Requirements)

학과내규에 의함.

711. 사회교육과(Social Studies Education)

711A. 일반사회전공(Social Studies Major)

- 710.703 사회교육사연구(History of Social Studies Education) 3-3-0
- 710.704 사회교육목표론(Objectives in Social Studies) 3-3-0
- 710.705 사회교육지도론(Methods in Teaching of Social Studies) 3-3-0
- 710.706 사회교육교재연구(Teaching Materials of Social Studies Education) 3-3-0
- 710.708 비교사회교육연습(Seminar in Comparative Social Studies) 3-3-0
- *710.709 도덕교육특강(Topics in Moral Education) 3-3-0
- *710.710 정치교육특강(Topics in Political Education) 3-3-0
- *710.711 경제교육특강(Topics in Economic Education) 3-3-0
- *710.712 사회교육특강(Topics in Social Studies Education) 3-3-0
- *710.713 사회교육철학특강(Topics in Philosophy of Social Studies Education) 3-3-0
- 710.741 사회교육연구방법 2(Research Methods in Social Studies Education 2) 3-3-0
- 711.506 사회과교육연구(Studies in Social Studies) 3-3-0
- *711.508C 노동시장과 시민교육(Labor Market and Citizenship Education) 3-3-0
- *711.509 사회교육연구방법 1(Research Methods in Social Studies Education 1) 3-3-0
- 711.517 정치교육연구(Studies in Education and Politics) 3-3-0
- *711.519 정치학특강(Topics in Politics) 3-3-0
- 711.520 선거와 민주주의(Elections and Democracy) 3-3-0
- 711.527 경제학과 경제교육연구(Studies in Economics and Economic Education) 3-3-0
- 711.528 경제사회와 교육연구(Studies in Economic Society and Education) 3-3-0
- 711.529 경제교육문제연구(Studies in Economic Education Issues) 3-3-0
- 711.530 경제교육연구(Studies in Economic Education) 3-3-0
- 711.546 사회변동과 교육(Social Change and Education) 3-3-0
- *711.547 사회문제특강(Topics in Social Problems) 3-3-0
- 711.549 사회과학연구방법론(Studies in Research Methods of Social Sciences) 3-3-0
- *711.556A 법교육 특강(Topics in Law-related Education) 3-3-0
- 711.558 헌법교육연구(Studies in Education of Constitutional Law) 3-3-0
- *711.559 법교육연구(Studies in Law-related Education)

- 3-3-0
- *711.665 윤리교육연구(Studies in Moral Education) 3-3-0
- *711.666 사회철학연구(Studies in Social Philosophy) 3-3-0
- 711.669 한국사상과 시민교육(Korean Social Thoughts and Civic Education) 3-3-0
- 711.803 대학원논문연구(Reading and Research) 3-3-0
- M1856.00030 미디어와 시민교육(Media and Civic Education) 3-3-0
- M1856.00040 문화이론과 시민교육(Cultural Theory and Civic Education) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Social Studies Major)

학과내규에 의함.

교과목 이수규정
(Departmental Course Requirements)

학과내규에 의함.

712A. 역사전공(History Major)

- 710.714A 역사이론과 역사교육(Theories of History and History Education) 3-3-0
- *710.715 사회과학과 역사교육(Social Sciences and History Education) 3-3-0
- 710.716 역사교육목적론(Objectives of History Education) 3-3-0
- *710.717A 역사교육과정론(Curriculum in History Education) 3-3-0
- *710.721 역사교육사연구(History of History Education) 3-3-0
- *710.723 역사교재론특강(Topics in Teaching Materials in History Education) 3-3-0
- 710.724 국사교육특강(Topics in Korean History for Teaching) 3-3-0
- 710.725 세계사교육특강(Topics in World History for Teaching) 3-3-0
- *710.758 한국대외관계사특강(Topics in History of Foreign Relation of Korea) 3-3-0
- *710.759 한국정치사상사연구의 쟁점(Issues in Studies on History of Korean Political Thoughts) 3-3-0
- *710.760 한국고대사론(Ancient Age in Korean History) 3-3-0
- *710.761 한국중세사론(Medieval Age in Korean History) 3-3-0
- *710.762 한국근대사론(Modern Age in Korean History) 3-3-0
- 710.764 아시아 전통사회론(Seminar in History of Traditional Asian Society) 3-3-0
- 710.765 동서문화교류사특강(Cultural Interrelation between East and West) 3-3-0
- *710.766 동양현대사연구(Studies in Contemporary East Asian History) 3-3-0
- *710.767 로마공화정사(History of Roman Republic) 3-3-0
- 710.768 서양중세사회(Medieval Society in the West) 3-3-0
- 712.501 역사교육원론(Principles of History Teaching) 3-3-0
- *712.502 역사교육연습(Seminar in History Teaching) 3-3-0
- 712.503 역사교육연구법(Research Methods in History Teaching) 3-3-0
- 712.504 한국교육사(History of Korean Education) 3-3-0
- 712.505 국사교재연구(Studies in Teaching Materials for History of Korea) 3-3-0
- 712.506 동양사교재연구(Studies in Teaching Materials for History of East Asia) 3-3-0
- 712.507 서양사교재연구(Studies in Teaching Materials for History of the West) 3-3-0
- *712.511 한국문화연구(Studies in Korean Culture) 3-3-0
- *712.512 한국사상사특강(Topics in History of Korean Thoughts) 3-3-0
- 712.513 한국근대사연구(Studies in Modern History of Korea)

- 3-3-0
- *712.514 한국사학사연구(Studies in the History of Korean Historiography) 3-3-0
- 712.515 한국고대사연구의 동향(Recent Trends in Ancient History of Korea) 3-3-0
- *712.516 한국중세사연구의 동향(Recent Trends in Medieval History of Korea) 3-3-0
- 712.517 한국현대사연구(Studies in Contemporary History of Korea) 3-3-0
- 712.521 동양전통사회연구(Studies in Traditional Society of East Asia) 3-3-0
- *712.522 동양근대사연습(Seminar in Modern History of East Asia) 3-3-0
- 712.523A 일본사특강(Topics in Japanese History) 3-3-0
- *712.524 동양사상사연구(Studies in History of Oriental Thoughts) 3-3-0
- *712.525 동양사회경제사의 쟁점(Issues in Socio-Economic History of Asia) 3-3-0
- *712.531 서양고대사연구(Studies in Ancient History of the West) 3-3-0
- 712.532 서양중세사의 제문제(Problems in Medieval History of the West) 3-3-0
- 712.533 서양근대사특강(Topics in Modern History of the West) 3-3-0
- 712.535 역사이론 및 방법론연구(Theories and Methods in Historical Studies) 3-3-0
- 712.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for History Major)

① 학과에서 인정하는 과목

② 박사과정에서는 인문대학 관련학과의 과목 12학점 이수를 인정함.

교과목 이수규정

(Departmental Course Requirements)

학과내규에 의함.

713A. 지리전공(Geography Major)

- *710.732 지리교육세미나(Seminar in Geographic Education) 3-3-0
- *710.743 한국지형연구(Studies in Landform of Korea) 3-3-0
- *710.791 지리교수방법론특강(Instructional Design and Teaching Methods in Geography Education) 3-3-0
- *713.503 지형학특강(Topics in Geomorphology) 3-3-0
- 713.507 지리사상사특강(Topics in History of Geographical Thought) 3-3-0
- *713.518 기후환경론연구(Studies in Environmental Climatology) 3-3-0
- *713.522 하천지형학(Fluvial Geomorphology) 3-3-0
- *713.523 기후학특강(Topics in Climatology) 3-3-0
- *713.532 경제지리교육론특강(Topics in Economic Geography Education) 3-3-0
- *713.534 역사지리교육론특강(Topics in Historical Geography Education) 3-3-0
- *713.536 지리교육론특강(Topics in Geography Education) 3-3-0
- 713.538 월드비전교육론특강(Topics in World Vision Education) 3-3-0
- *713.603 도시구조론(Theories of Urban Structure) 3-3-0
- *713.607 도시체계론(Studies in Urban System) 3-3-0
- *713.609 사회지리학특강(Topics in Social Geography) 3-3-0
- 713.631 인구지리교육론특강(Topics in Population Geography Education) 3-3-0
- *713.632 경제활동과 입지론특강(Topics in Economic Activities and Location Theory) 3-3-0
- *713.638 지리교재개발론특강(Topics in Development of Teaching

- Materials in Geography Education) 3-3-0
- *713.640A 지리정보과학과 지리교육(Geographic Information Science and Geography Education) 3-3-0
- *713.641A 공간데이터분석과 지리교육(Spatial Data Analysis and Geography Education) 3-3-0
- *713.642 정치지리교육론특강(Topics in Political Geography Education) 3-3-0
- *713.643 정치지리교육론연구(Studies in Political Geography Education) 3-3-0
- M1862.000100 교육지리학특강(Topics in the Geography of Education) 3-3-0
- 713.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Geography Major)
지도교수가 인정하는 과목

714A. 윤리교육과(Department of Ethics Education)

- 714.515 인간학특강(Topics in Philosophical Anthropology) 3-3-0
- 714.520 서양윤리사상연습(Seminar in Western Ethical Thoughts) 3-3-0
- 714.523 사회와 정의(Society and Justice) 3-3-0
- 714.525A 한국사상사연구(Studies in the History of Korean Ethos) 3-3-0
- 714.527 사회윤리연구(Studies in Social Ethics) 3-3-0
- 714.531 도덕윤리교육방법론(Teaching Methods of Moral Education) 3-3-0
- 714.534A 현대도덕교육이론연구(Studies on Contemporary Moral Education Theories) 3-3-0
- 714.539A 공동체교육연구(Studies in Community Education) 3-3-0
- 714.544 신유가윤리사상연구(Studies in Neo-Confucian Ethical Thoughts) 3-3-0
- 714.551 국가안보와 통일연구(Research on National Security and Unification) 3-3-0
- 714.553 통일교육연구(Research on Unification Education) 3-3-0
- 714.554 국제윤리연구(Research on Global Ethics) 3-3-0
- 714.602A 아태지역도덕교육실태비교연구(Comparative Studies in Civic and Ethics Educations in Asia-Pacific Region) 3-3-0
- 714.606 동서양비교윤리(Comparative Studies of Eastern and Western Ethics) 3-3-0
- 714.725 한국사상특수연구(Topics in Korean Thoughts) 3-3-0
- 714.730 가치론연구(Studies in Axiology) 3-3-0
- 714.731 응용윤리연구(Studies in Applied Ethics) 3-3-0
- 714.736 동양윤리사상특수연구(Topics in Oriental Thoughts) 3-3-0
- 714.737 도덕윤리교과교육학연구(Research in Subject Matter of Moral and Ethical Education) 3-3-0
- 714.740 남북한관계론(Inter-Korean Relations) 3-3-0
- 714.741 사회존재론(Social Ontology) 3-3-0
- 714.742 현대중국윤리사상연구(Seminar on Contemporary Chinese Ethical Thoughts) 3-3-0
- 714.803A 대학원논문연구(Dissertation Research) 3-3-0
- 714.743 동양윤리교전강독(Reading in Oriental Ethical Classics) 3-3-0
- M0000.009500 도덕성의 신경과학적 이해(Neuroscientific understanding of morality) 3-3-0
- M0000.009600 인성·도덕교육 프로그램 개발연구(Program development of character and moral education) 3-3-0
- M0000.010600 생명윤리특강(Topics in Bioethics) 3-3-0

- M0000.010700 문화윤리특강(Topics in Ethics of Culture) 3-3-0
- M1865.000100 동양윤리연습(Seminar in Oriental Ethics) 3-3-0
- M1865.000200 시민성 교육특강(Advanced Topics in Citizenship Education) 3-3-0
- M1865.000300 현대정치사상연구(Studies in Contemporary Political Thought) 3-3-0
- M1865.000800 시민교육세미나(Seminar on Citizenship Education) 3-3-0
- M1865.000900 시민교육연구방법론(Research Methods in Citizenship Education) 3-3-0
- M1865.001500 윤리학개론 특강(Topics in Introduction to Ethics) 3-3-0
- M1865.001600 동양윤리사상연구(Studies in Oriental Ethics) 3-3-0
- M1865.001700 민주주의론 특강(Topics in Democracy) 3-3-0
- M1865.001800 도덕심리학연구(Studies in Moral Psychology) 3-3-0
- M1865.001900 통일과 지속가능발전을 위한 교육(Education for Unification and Sustainable Development) 3-3-0
- M1865.002000 통일교육 연구방법론(Research Methodology for Unification Education) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of National Ethics Education)
학과내규에 의함.

교과목 이수규정
(Departmental Course Requirements)
학과내규에 의함.

715. 수학교육과(Department of Mathematics Education)

- *715.516 해석학특강 1(Topics in Analysis 1) 3-3-0
- 715.517 해석학특강 2(Topics in Analysis 2) 3-3-0
- *715.520 위상수학특강 1(Topics in Topology 1) 3-3-0
- *715.526 수학교육연구 1(Studies in Mathematics Education 1) 3-3-0
- *715.527A 수학교육연구 2(Studies in Mathematics Education 2) 3-3-0
- *715.528 수학교재론(Materials of Mathematics Education) 3-3-0
- *715.531A 수학교육심리학(Psychology of Learning Mathematics) 3-3-0
- *715.532 컴퓨터와 수학교육특강(Topics in Computers and Mathematics Education) 3-3-0
- *715.537 조합행렬론특강(Topics in Combinatorial Matrix Theory) 3-3-0
- *715.538B 스마트수학교육특강(Topics in SMART Mathematics Education) 3-3-0
- *715.539 기하와 기하교육(Geometry and the Teaching of Geometry) 3-3-0
- *715.541 수학교육통계분석론(Statistical Methods for Mathematics Education Research) 3-3-0
- *715.542 수학교육측정연구법(Measurement Theory and Application in Mathematics Education) 3-3-0
- *715.603 그래프이론(Graph Theory) 3-3-0
- *715.606A 영재 및 창의력 수학교육(Mathematics Education for Creativity and the gifted) 3-3-0
- *715.701 수학교육특강 1(Topics in Mathematics Education 1) 3-3-0
- *715.702 수학교육특강 2(Topics in Mathematics Education 2) 3-3-0

- *715.710A 수학교육평가론(Evaluation in Mathematics Education) 3-3-0
- *715.712 수학교육과정론(Theory of Mathematics Curriculum) 3-3-0
- 715.803 대학원논문연구(Dissertation Research) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Mathematics Education)
학과내규에 의함.

교과목 이수규정
(Departmental Course Requirements)
학과내규에 의함.

716. 과학교육과(Department of Science Education)

- 716.601 과학교육기초론(Foundations of Science Education) 3-3-0
- *716.616 과학교육질적연구법(Qualitative Research Methods in Science Education) 3-3-0
- 716.620 과학교육양적연구법(Quantitative Research Methods in Science Education) 3-3-0
- 716.633 과학교육세미나 1(Science Education Seminar 1) 3-3-0
- 716.634 과학교육세미나 2(Science Education Seminar 2) 3-3-0
- 716.635 과학교육역사(History of Science Education) 3-3-0
- 716.638 과학교육의 사회문화적 접근(Socio-Cultural Approach in Science Education) 3-3-0
- 716.640 과학박물관과 비형식 과학교육론(Science Museum and Informal Science Education)
- 716.811 과학영재교육론(Theories and Issues in Science- Gifted Education) 3-3-0
- 716.812 창의력과 과학영재교육(Creativity and Science-Gifted Education) 3-3-0
- 716.813 과학영재교수/학습 및 평가(Teaching/Learning Method and Assessment in Science-Gifted Education) 3-3-0
- 716.903 과학·수학·컴퓨터 융합교육(Fusion Education in Science, Mathematics and Computer Technology) 3-3-0
- 716.904 과학교사전문성발달과 현장연구(Science Teachers as Researchers into Their Own Practice) 3-3-0
- 716.905 과학의 본질과 과학교육(Theories of the Nature of Science and Science Education) 3-3-0
- *716.907 과학교육포럼 1(Science Education Forum 1) 1-1-0
- *716.908 과학교육포럼 2(Science Education Forum 2) 1-1-0
- 716.910 과학영재교육연구(Research in Science Gifted Education) 3-3-0
- 716.913 과학수업에서의 상호작용(Classroom Interactions in the Science Classroom) 3-3-0
- 716.914 초·중등 과학학습을 위한 아동용 도서의 통합적 활용(Integrating Children's Literature and Science Content Instruction in the Primary and Middle Grades) 3-3-0
- 716.915 과학교육언어론(Theories of Science Literacy) 3-3-0
- M1868.000100 과학교육철학 Philosophy of Science Education 3-3-0
- M1869.000100 과학교육 질적연구법 및 연구윤리(Qualitative Research Methods and Research Ethics in Science Education) 3-3-0
- M1868.000200 빅데이터 분석과 교육(Big Data Analysis and Education) 3-3-0
- M1869.000200 젠더와 과학교육(Gender and Science Education) 3-3-0

- M1869.000300 과학교육 연구자를 위한 글쓰기(Writing in Science Education Research and Academia) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Science Education)
학과내규에 의함.

교과목 이수규정
(Departmental Course Requirements)
학과내규에 의함.

717A. 물리전공(Physics Major)

- 717.521A 양자역학교육(Quantum Mechanics Education) 3-2-2
- 717.522A 물리교육세미나(Seminar in Physics Teaching) 3-3-0
- 717.525A 음향물리교육(Acoustics Education) 3-2-2
- 717.603 물리학습지도(Instruction Theory of Physics) 3-3-0
- 717.604A 물리교육특강(Topics in Teaching Physics) 3-3-0
- 717.626 물리교육평가(Evaluation in Physics Education) 3-3-0
- 717.649 응집물리와 응용(Condensed Matter Science and Applications) 3-3-0
- 717.650A 생활 속의 물리(Physics in Daily Life) 3-3-0
- 717.803 대학원논문연구(Dissertation Research) 3-3-0
- 717.624 현대물리교육론(Modern Physics Education) 3-3-0
- 717.701 이론물리학세미나 1(Seminar in Theoretical Physics 1) 3-3-0
- 717.702 이론물리학세미나 2(Seminar in Theoretical Physics 2) 3-3-0
- 717.506 고체물리학특강(Special Topics in Solid State Physics) 3-3-0
- 717.615 상대성이론(Theory of Relativity) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Physics Major)
대학원 이공계학과와 교육학과에서 제공하는 과목 중에서 지도교수가 인정하는 과목

718A. 화학전공(Chemistry Major)

- *718.601 화학교육특론(Topics in Chemistry Education) 3-3-0
- 718.603 화학실험교육특론(Topics in Chemistry Experiment for Teachers) 3-2-2
- *718.613 고급물리화학(Advanced Physical Chemistry) 3-3-0
- 718.615 고급유기화학(Advanced Organic Chemistry) 3-3-0
- M1875.000100 과학교육정량연구법(Quantitative Research Method in Science Education) 3-3-0
- 718.652 유기화학특론(Topics in Organic Chemistry) 3-3-0
- 718.653 무기화학특론(Topics in Inorganic Chemistry) 3-3-0
- *718.659A 고급분석화학(Advanced Analytical Chemistry) 3-3-0
- *718.662 화학교육 및 화학 세미나(Chemistry Education and Chemistry Seminar) 3-3-0
- *718.664 나노물질의 생물학적 응용(Biological Applications of Nanomaterials) 3-3-0
- 718.803 대학원논문연구(Dissertation Research) 3-3-0
- M1875.000200 무기재료분석(Inorganic Materials Analysis) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Chemistry Major)
학과내규에 의함.

교과목 이수규정(Departmental Course Requirements)
학과내규에 의함.

719A. 생물전공(Biology Major)

- 719.515 생물교재연구(Studies on Biology Teaching Materials) 3-2-2
- *719.516 생물교육세미나 1(Seminar 1 in Biology Education)

- 1-1-0
- *719.517 생물교육세미나 2(Seminar 2 in Biology Education) 1-1-0
- *719.521 생물교육연구세미나 1(Seminar in Biology Education Research 1) 1-1-0
- *719.522 생물교육연구세미나 2(Seminar in Biology Education Research 2) 1-1-0
- *719.619 분자생물학특론(Topics in Molecular Biology) 3-3-0
- 719.622 생물교육연구(Research in Biology Education) 3-3-0
- 719.624 현대생물학교육특론(Topics in High-tech Biology Education) 3-3-0
- 719.626 생태원리학습지도특강(Topics in Ecological Principle Teaching) 3-3-0
- 719.627 습지생태학교육(Wetland Ecology Education) 3-3-0
- 719.628 유전학교육특강(Topics in Genetics Education) 3-3-0
- 719.629 발생학교육특강(Topics in Developmental Biology Education) 3-3-0
- 719.630 컴퓨터접속생물실험연구(Studies in Microcomputer Based Laboratories in Biology) 3-3-0
- 719.631 환경과학특론(Topics in Environmental Sciences) 3-3-0
- *719.751A 생물교수학습이론(Teaching and Learning Theory of Biology Education) 3-3-0
- 719.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Biology Major)
학과내규에 의함.

교과목 이수규정
(Departmental Course Requirements)
해당사항 없음.

- 721A. 지구과학전공(Earth Science Major)**
- *721.624A 지구유체역학(Geophysical Fluid Dynamics) 3-3-0
 - *721.633 연근해해양학(Coastal Oceanography) 3-3-0
 - *721.635 인공위성지구과학(Satellite Earth Science) 3-3-0
 - *721.645 지구화학특강(Topics in Geochemistry) 3-3-0
 - *721.651 이론지구물리학(Theoretical Geophysics) 3-3-0
 - *721.654 고급지구물리학연습(Problems in Advanced Geophysics) 3-3-0
 - 721.662A 지구과학 교육특론(Topics in Earth Science Education) 3-3-0
 - *721.665 해양과학(Topics in Oceanography) 3-3-0
 - 721.669 지구과학본질론과 교육(Theories of the Nature of Earth Science and Education) 3-3-0
 - 721.673 고급 지구과학 교수-학습론(Advanced Theories in Earth Science Instruction and Learning) 3-3-0
 - 721.803 대학원논문연구(Dissertation Research) 3-3-0
 - M1883.000100 첨단 지구과학 연구동향 세미나(Seminar in up-to-date research trends of Earth science) 3-3-0
 - M1868.000300 성간물질과 별의탄생(Interstellar Medium and Star Formation) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Earth Science Major)
학과내규에 의함.

교과목 이수규정(Departmental Course Requirements)
해당사항 없음.

722. 체육교육과(Department of Physical Education)

- 공통과목(Core Courses)**
- 722.601 체육연구설계법(Experimental Design in Physical

- Education) 3-3-0
- 722.625 체육학입문(Introduction to Kinesiology) 3-3-0
- 722.626 체육학질적연구법(Qualitative Research Methodologies in Kinesiology) 3-3-0
- 722.803 대학원논문연구(Reading and Research) 3-3-0

(스포츠과학전공 Sports Science Major)

- 722.511 체육철학연구(Studies in the Philosophy of Physical Education) 3-3-0
- 722.513 세계체육사연구(Studies in World History of Physical Education) 3-3-0
- 722.522A 스포츠교육학연구(Studies in Sport Pedagogy) 3-3-0
- 722.533 스포츠사회학연구(Studies in Sociology of Sports) 3-3-0
- 722.534 스포츠심리학연구(Studies in Sport Psychology) 3-3-0
- 722.563 무용창작연구(Studies in Creative Dance) 3-3-0
- 722.603 한국체육사연구(Studies in History of Physical Education in Korea) 3-3-0
- 722.604 비교체육학특강(Topics in Comparative Physical Education) 3-3-0
- 722.605 체육교수이론특강(Topics in Teaching Methods in Physical Education) 3-3-0
- 722.607A 스포츠정책특강(Topics in Sports Policy) 3-3-0
- 722.612 여가 및 레크리에이션연구(Studies in Leisure and Recreation) 3-3-0
- 722.617 체육교육장학론특강(Topics in Instructional Supervision of Physical Education) 3-3-0
- 722.619 응용스포츠심리학특강(Topics in Applied Sport Psychology) 3-3-0
- 722.621 무용미학연구(Studies in Aesthetics of Dance) 3-3-0
- 722.622 스포츠문화사특강(Topics in History of Sports Culture) 3-3-0
- *722.627 스포츠인문학(Introduction to Sport Humanities) 3-3-0
- 722.711 체육철학특강(Topics in Philosophy of Physical Education) 3-3-0
- 722.712 세계체육사특강(Topics in World History of Physical Education) 3-3-0
- 722.721A 초등체육교육특강(Theories and Practice in Elementary School Physical Education) 3-3-0
- 722.723A 스포츠전문인교육특강(Topics in Education for Sport Professionals) 3-3-0
- *722.731 스포츠심리특강(Topics in Sport Psychology) 3-3-0
- 722.734 스포츠사회학특강(Topics in Sport Sociology) 3-3-0
- 722.737 여가 및 레크리에이션특강(Topics in Leisure and Recreation) 3-3-0
- 722.745 스포츠경영특강(Topics in Sport Management) 3-3-0
- 722.761 신체이론특강(Topics in Theory Body) 3-3-0
- M1886.000100 스포츠 심리학의 이론과 실제(The theory and practice of Sports Psychology) 3-3-0
- M1886.000200 스포츠 제도 및 문화연구(Studies in Institutional and Cultural Aspects of Sport) 3-3-0

(인간운동과학전공 Human Exercise Major)

- 722.523 체육측정평가연구(Studies in Measurement and Evaluation of Physical Education) 3-3-0
- 722.532 운동학습연구(Studies in Motor Learning) 3-3-0
- 722.541 운동생리학연구(Studies in Exercise Physiology) 3-3-0
- M1886.001400 트레이닝이론과 실제(Exercise training: principles and practices) 3-3-0
- M1886.000800 하지의 운동역학(Biomechanics of the Lower extremities) 3-3-0
- M1886.000600 운동역학이론(Biomechanics Theory) 3-3-0
- M1886.000900 스포츠공학실험(Laboratory Techniques in Sport

722.561A	Engineering) 3-3-0 특수체육연구(Studies in Adapted Physical Activity) 3-3-0
*722.564	스포츠의학연구(Studies in Sports Medicine) 3-3-0
722.608	근신경운동역학(Neuromuscular Exercise Dynamics) 3-3-0
722.609	운동역학실험(Laboratory in Biomechanics) 3-3-0
722.610	대사작용과 운동(Metabolism in Exercise) 3-3-0
722.611	근신경생리(Neuromuscular Physiology) 3-3-0
722.613	스포츠상해 및 재활(Sports Injury and Rehabilitation) 3-3-0
722.614	운동생리학실험(Exercise Physiology Laboratory) 3-0-6
722.620	운동용기구디자인특강(Topics in Sports and Fitness Equipment Design) 3-3-0
722.623	운동발달특강(Topics in Motor Development) 3-3-0
722.624	장애인체육프로그램운영론특강(Management of Adapted Physical Activity Program) 3-3-0
*722.733	운동학습특강(Topics in Motor Learning) 3-3-0
722.742	순환기능과 운동처방(Cardiovascular Dynamics and Prescriptive Exercise) 3-3-0
M1886.000700	상지의 운동역학(Biomechanics of the Upper Extremities) 3-3-0
M1886.001500	운동생리학특강(Special topics in exercise physiology) 3-3-0
722.757	운동기술분석(Biomechanical Analysis of Motor Skill) 3-3-0
722.758A	장애인체육특강(Topics in Adapted Physical Activity for People with Disabilities) 3-3-0
722.760	운동의학특강(Topics in Exercise Medicine) 3-3-0
M1886.000300	운동최적화 이론(Optimization Theories in Human Movements) 3-3-0
M1886.001200	운동과 뇌신경과학 연구(Exercise and Brain Health) 3-3-0
722A. 글로벌스포츠매니지먼트 전공 (Global Sport Management Major)	
722.650	스포츠스폰서십(Understanding Sport Sponsorship) 3-3-0
722.651	스포츠소비자행동론(Principles of Sport Consumer Behavior) 3-3-0
722.653	스포츠산업론(Studies in Sport Industry) 3-3-0
722.654	스포츠경제론(Principles of Sport Economics) 3-3-0
722.655	스포츠재무관리론(Principles of Sport Finance) 3-3-0
722.656	스포츠조직론 및 거버넌스(Understanding Sport Organization and Governance) 3-3-0
722.657	스포츠인적자원관리론(Studies in Sport Human Resource Management) 3-3-0
722.658	국제스포츠론(Studies in International Sport) 3-3-0
722.659	스포츠이벤트운영론(Principles of Sport Event Management) 3-3-0
722.660	스포츠시설론(Principles of Sport Facility Management) 3-3-0
722.661	스포츠커뮤니케이션론(Studies in Sport Communication) 3-3-0
722.662	스포츠개발론(Studies in Sport Development) 3-3-0
722.664	스포츠윤리론(Studies in Sport Ethics) 3-3-0
722.665	스포츠과학기술론(Survey of Sport and Technology) 3-3-0
722.666	스포츠법론(Studies in Sport and Legal Issues) 3-3-0
722.667	스포츠위기관리론(Principles of Sport Risk Management) 3-3-0
722.669	스포츠마케팅연구(Studies in Sport Marketing) 3-3-0
722.672	스포츠인턴십(Internship in Sport Industry) 3-3-0
722.673	스포츠시장분석론(Sport Market Research) 3-3-0

722.674	스포츠전략기획론(Principles of Strategic Sport Planning) 3-3-0
722.675	스포츠미디어연구론(Studies in Sport Media) 3-3-0
722.676	스포츠정책연구론(Studies in Sport Policy) 3-3-0
722.677A	스포츠 협상론(Sport Negotiation) 3-3-0
722.770	스포츠조직특강(Topics in Sport Organizations) 3-3-0
722.771	스포츠커뮤니케이션과 미디어특강(Topics in Sport Communication and Media) 3-3-0
722.772	스포츠마케팅특강(Topics in Sport Marketing) 3-3-0
722.773	스포츠정책 특강(Topics in Sport Policy) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Physical Education)
학과내규에 의함.

교과목 이수규정(Departmental Course Requirements)

학과내규에 의함.

730. AI융합교육학과(Department of AI Integrated Education)

M3450.000100	인공지능사회 거버넌스 및 리터러시(Governance and Literacy for AI based Society) 3-3-0
M3450.000200	인공지능 시대와 핵심역량 교육(Key Competencies in the Age of Artificial Intelligence) 3-3-0
M3450.000300	인공지능 및 교과 융합역량 교육론(Educational Theory on AI Convergence Competency and Curriculum) 3-3-0
M3450.000400	인공지능 지식 및 구현 기초(Basic AI knowledge and development) 3-3-0
M3450.000500	AI 기반 교육 측정과 평가(AI based Educational Measurement and Evaluation) 3-3-0
M3450.000600	융합교육을 위한 기초 프로그래밍(Basic programming for integrated education) 3-3-0
M3450.000700	사물인터넷 빅데이터 활용 탐구지도(Inquiry Instruction utilizing Internet-of-Things and Big Data) 3-3-0
M3450.000800	인공지능 융합교육을 위한 기계학습 입문(Introduction to Machine Learning for AI Integrated Education) 3-3-0
M3450.000900	자연융합교육을 위한 코딩 및 앱 개발실습(Practicum of Coding and Application Development for Natural Convergence Education) 3-3-0
M3450.001000	AI 및 첨단기술활용 STEAM 교수 설계(Instruction Design of STEAM Material utilizing AI & Advanced Technologies) 3-3-0
M3450.001100	AI 기반 언어교육(AI-Based Language Teaching) 3-3-0
M3450.001200	언어의 이해와 자연언어처리 연습(Understanding Language and Natural Language Processing in Practice) 3-3-0
M3450.001300	데이터를 활용한 개별 맞춤형 교육(Adaptive Education Using Data) 3-3-0
M3450.001400	AI 융합교육을 위한 인문사회 콘텐츠 설계(Designing Human and Social Education Contents for AI Convergence Education) 3-3-0
M3450.001500	사회문제 해결을 위한 과학기술 기반 융합 프로젝트(Technology-based STEAM Project to Solve Problems in Society) 3-3-0
M3450.001600	초중등 연계 융합교육 프로젝트(Convergence Project: Elementary and Secondary School)

	3-3-0	전공선택 인정과목
M3450.001700	교과별 인공지능 연계 프로젝트(AI and Subject Linkage Project) 3-3-0	(Credited as Major Elective for Dept. of AI Integrated Education)
M3450.001800	캡스톤 디자인 프로젝트(Capstone Design Project) 3-3-0	학과내규에 의함.
		교과목 이수규정(Departmental Course Requirements)
		학과내규에 의함.

<생활과학대학 주관>

352. 식품영양학과(Department of Food and Nutrition)

- 352.501B 고급영양이론(Advanced Principles of Nutrition) 3-3-0
- 352.504A 임상영양연구(Clinical Nutrition Research) 3-3-0
- 352.518A 고급식품학연구(Studies in Advanced Food Science) 3-3-0
- 352.601 탄수화물 및 지질화학(Carbohydrate and Lipid Chemistry) 3-3-0
- 352.602A 단백질 및 효소화학(Protein Chemistry and Enzymology) 3-3-0
- 352.609A 임상영양치료 1(Clinical Nutrition Therapy 1) 3-3-0
- 352.611 단백질대사(Protein Metabolism) 3-3-0
- 352.615 비타민학(Vitamins) 3-3-0
- 352.616 무기질영양(Mineral Nutrition) 3-3-0
- 352.619A 탄수화물 및 지질대사(Carbohydrate and Lipid Metabolism) 3-3-0
- 352.621 병태생리학(Pathophysiology for Clinical Nutrition) 3-3-0
- 352.622 임상영양치료 2(Clinical Nutrition Therapy 2) 3-3-0
- 352.623 고급영양상담 및 교육(Advanced Nutrition Counseling and Education) 2-2-0
- 352.704 고급식품미생물학(Advanced Food Microbiology) 3-3-0
- 352.706 식품발효학(Food Fermentation) 3-3-0
- 352.715 영양조사및평가법(Nutritional Survey and Assessment) 3-3-0
- 352.722A 식품생리활성론(Food Functionality) 3-3-0
- 352.723 모자 및 성장기영양(Maternal and Child Nutrition) 3-3-0
- 352.726 영양정책(Nutrition Policy) 3-3-0
- 352.729 식품관능검사법(Sensory Evaluation of Food) 3-3-0
- 352.733 영양생리학(Nutritional Physiology) 3-3-0
- 352.734 영양역학(Nutritional Epidemiology) 3-3-0
- 352.735 식품독성학(Food Toxicology) 3-3-0
- 352.738 식품안전성평가(Safety Assessment of Food) 3-3-0
- 352.739 임상영양실습 1(Clinical Nutrition Internship 1) 2-0-8
- 352.740 임상영양실습 2(Clinical Nutrition Internship 2) 2-0-8
- 352.741 임상영양실습 3(Clinical Nutrition Internship 3) 2-0-8
- 352.742 임상영양실습 4(Clinical Nutrition Internship 4) 2-0-8
- 352.752 영양학특강(Current Topics in Nutrition) 3-3-0
- 352.759 고급급식경영(Advanced Food Service Management) 3-3-0
- 352.803 대학원논문연구(Reading and Research) 3-3-0
- M1460.000800 리테일서비스 세미나(Seminar in Retail Service) 1-2-0
- M1460.001400 고급감각과학(Advanced Sensory Science) 3-3-0
- M1460.001600 고급식품영양통계(Advanced Statistics in Food and Nutrition) 3-3-0
- M1460.001700 급식연구특강(Topics in Foodservice Research) 3-3-0
- M1460.001800 식품영양기기분석(Instrumental Analysis in Food and Nutrition) 2-2-0
- M1460.002100 식품학특강(Topics in Food Science) 3-3-0
- M1460.002200 식품영양학세미나(Seminar in Food and Nutrition) 1-0-2

전공선택 인정과목

(Credited as Major Elective for Dept. of Food and Nutrition)
학과내규로 정함.

교과목 이수규정

(Departmental Course Requirements)
학과내규로 정함.

353. 의류학과(Department of Textiles, Merchandising and Fashion Design)

- 353.501 의류학연구방법론(Research Methods in Clothing & Textiles) 3-3-0
- 353.502B 의류학세미나 1(Seminar in Clothing and Textiles 1) 3-3-0
- 353.503B 의류학세미나 2(Seminar in Clothing and Textiles 2) 3-3-0
- 353.601A 패션디자인발상연구(Studies in Creative Ideas for Fashion Design) 3-1-4
- 353.603 한국복식사특론(Topics in History of Korean Costume) 3-3-0
- 353.605A 의복체형론(Somatology for Clothing) 3-3-0
- 353.608 세척원리및평가(Detergency : Theory & Testing) 3-3-0
- 353.609 복식과인간행동(Clothing and Human Behavior) 3-3-0
- 353.614A 의류소재물리(Physical Properties of Textile System) 3-3-0
- 353.623 패션마케팅특론(Special Topics in Fashion Marketing) 3-3-0
- 353.625 의류신소재연구(New Synthetic Fibers for Clothing) 3-3-0
- 353.627A 의복생리학특론(Special Topics in Clothing Physiology) 3-2-2
- 353.702 복식과 문화(Cultural Aspects of Clothing) 3-3-0
- 353.703 특수 의복설계(Functional Apparel Design) 3-2-2
- 353.721 복식산업론(Topics in Fashion Industry) 3-3-0
- 353.724 고급패션마케팅(Advanced Fashion Marketing) 3-3-0
- 353.725 고급의류학연구방법론(Advanced Research Methods in Clothing and Textiles) 3-3-0
- 353.726A 패션리테일링특론(Special Topics in Fashion Retailing) 3-3-0
- 353.734A 온열생리학(Thermal Physiology and Lab.) 3-2-2
- 353.736 복식과색채론(Theory of Fashion and Color) 3-3-0
- 353.738A 복식조형론(Theories of Formative Features of Fashion Design) 3-3-0
- 353.803 대학원논문연구(Reading and Research) 3-3-0
- M1461.000400 패션미디어 및 비평(Fashion Media and Criticism) 3-3-0
- M1461.000500 패션상품디자인특론(Practice for Designing Fashion Goods) 3-2-2
- M1461.001100 패션미학(Fashion Aesthetics) 3-3-0
- M1461.001200 패션과 예술(Fashion and Art) 3-3-0
- M1461.001300 패션미학특론(Topics in Fashion Aesthetics) 3-3-0
- M2174.001400 패션 캐드 시스템 개발방법론(Development of Fashion CAD System) 3-3-0
- M2174.001100 남성복 테일러링(Men's Tailoring) 3-2-2
- M1461.001600 디지털 삼차원 인체데이터 분석(Digital Three-Dimensional Anthropometry) 3-3-0
- 353.741 기능성소재평가(Instrumental Evaluation of Functional Textiles) 3-2-2
- M0000.021900 리테일 환경 세미나 2(Seminar in Retail

- Environment 2) 1-2-0
- M0000.022000 리테일 환경 세미나 1(Seminar in Retail Environment 1) 1-2-0
- M0000.029100 의류학세미나(Seminar in Clothing and Textiles) 1-1-0
- M0000.029200 패션산업응용 인공지능 시스템 개발(Artificial Intelligence in Fashion Industry) 3-3-0
- M1461.002400 어패럴캐드소프트웨어개발(Development of Apparel CAD Software) 3-3-0
- M1461.002500 웨어러블 인간공학(Human Factors and Ergonomics for Wearable Product Innovation) 3-3-0
- M1461.002800 4차산업혁명과 ICT융합섬유(4th Industrial Revolution and ICT Textiles) 3-3-0
- M1461.003000 패션디자인특강(Topics in Fashion Design) 3-3-0
- M1461.003100 ICT융합섬유제조공정현장학습(ICT Textile Industry Internship) 3-2-2
- M1461.003200 섬유고분자화학(Fiber and Polymer Chemistry) 3-3-0
- M1461.003300 개인보호복 실험 기기분석(Instrumental Analysis of Personal Protective Clothing Trials) 3-2-2
- M1461.003700 필터 소재와 응용(Filter Materials and Application) 3-3-0
- M1461.004400 염색가공기초(Principles of Dyeing and Finishing) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Textiles, Merchandising and Fashion Design)
학과내규로 정함.

교과목 이수규정(Departmental Course Requirements)
학과내규로 정함.

358. 소비자학과(Department of Consumer Science)

- *358.530 고급소비자학연구법 1(Advanced Research Methods in Consumer Science 1) 3-2-2
- 358.531 소비자행태특론(Topics in Consumer Behavior) 3-3-0
- *358.533 가계경제특론(Topics in Economic Analysis of Household) 3-3-0
- *358.539 소비자학연구방법론(Research Methods in Consumer Science) 3-2-2
- *358.540 소비자정책특론(Topics in Economics of Consumer Policy) 3-3-0
- 358.546 소비자시장환경분석특론(Topics in Analysis of Market Environment) 3-3-0
- *358.550A 소비자교육특강(Topics in Consumer Education) 3-3-0
- 358.552 고급소비자학세미나 I(Advanced Seminar in Consumer Science I) 3-3-0
- 358.553 고급소비자학세미나 II(Advanced Seminar in Consumer Science II) 1-1-0
- 358.631 소비문화특론(Topics in Culture and Consumption) 3-3-0
- M1467.000800 소비자광고규제특강(Topics in Advertising Regulation for Consumer) 3-3-0
- *358.635 소비자정보특론(Topics in Consumer Information) 3-3-0
- 358.638 소비자보호법특론(Topics in Consumer Laws) 3-3-0
- 358.640B 소비트렌드분석특강(Topics in Consumer Trends Analysis) 3-3-0
- 358.649 소비자교육프로그램개발연구(Studies in Consumer Education Program Developments) 3-3-0
- *358.650 소비자유통특강(Topics in Consumer Retailing)

- 3-3-0
- *358.730 고급소비자학연구법 2(Advanced Research Methods in Consumer Science 2) 3-2-2
- 358.731 한국가계분석론(Economic Analysis of Korean Household Behavior) 3-3-0
- 358.733A 소비자사회특강(Topics in Consumption Society Theories) 3-3-0
- 358.738 특수유형소비자문제연구(Problems in Special Groups of Consumers) 3-3-0
- 358.739 비교소비자정책특론(Topics in Comparative Analysis on Consumer Policy) 3-3-0
- 358.740A 소비자주의특강(Topics in Consumerism) 3-3-0
- *358.747A 가계복지정책특강(Topics in Household Welfare Policy) 3-3-0
- 358.748B 소비자재무설계상담특강(Topics in Personal Financial Planning and Consulting) 3-3-0
- 358.752 소비자신용특론(Topics in Consumer Credit) 3-3-0
- 358.754A 금융소비자특강(Topics in Consumers of Financial Market) 3-3-0
- 358.755 은퇴설계특강(Topics in Retirement Planning) 3-3-0
- 358.756A 소비자학이론특강(Topics in Consumer Science Theory) 3-3-0
- 358.803 대학원논문연구(Reading and Research) 3-3-0
- M1467.000100 글로벌소비자특강(Topics in Consumer and Global Market) 3-3-0
- M1467.000200 리테일문화세미나(Seminar in Retail Culture) 1-2-0
- M1467.000300 소비자심리특강(Topics in Consumer Psychology) 3-3-0
- M1467.000400 소비자안전규제특강(Topics in Consumer Safety Regulation) 3-3-0
- M1467.000500 고령소비자연구(Studies in Elderly Consumers) 3-3-0
- M1467.000600 취약계층소비자연구(Studies in Disadvantaged Consumers) 3-3-0
- M1467.000700 ICT소비자특강(Topics in ICT Market and Consumer) 3-3-0
- M1467.000900 소비자학고전강독특강(Topics in the Readings on Consumer Science Classics) 3-3-0
- M1467.001000 소비자와 데이터기반의사결정(Consumer and Data-based Decision Makings) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Consumer Science)
학과내규로 정함.

교과목 이수규정
(Departmental Course Requirements)
학과내규로 정함.

359. 아동가족학과(Department of Child Development and Family Studies)

- *359.564A 현대가족이슈(Issues in Contemporary Families) 3-3-0
- 359.568 가족스트레스연구(Seminar in Family Stress) 3-3-0
- 359.665 가족치료이론(Theories of Family Therapy) 3-3-0
- 359.779 가족, 젠더, 일(Family, Gender, and Work) 3-3-0
- 359.781 부부관계연구(Marital Relationships) 3-3-0
- 359.803 대학원논문연구(Reading and Research) 3-3-0
- M0000.024200 다양한 가족 연구(Diversity in Families and Close Relationships) 3-3-0
- *M0000.024300 가족프로그램실제(Family Intervention Programs) 3-2-2

M0000.024400 가족이론연구(Conceptual Frameworks in Family Studies) 3-3-0	M0000.026200 아동문학연구(Studies in Children's Literature) 3-3-0
M0000.024500 아동가족학연구법 1(Research Methods in Child and Family Studies 1) 3-2-2	M0000.026300 청년과 가족(Emerging and Young Adulthood in the Context of Families) 3-3-0
M0000.024600 아동가족학연구법 2(Research Methods in Child and Family Studies 2) 3-2-2	M0000.026400 연구기반보육(Research-Based Childcare) 3-3-0
M0000.024700 가족정책연구(Family Policy Research) 3-3-0	M1468.000100 다문화가족과 아동(Multicultural Families and Children) 3-3-0
*M0000.024800 아동발달의 쟁점(Issues in Child Development) 3-3-0	M1468.000200 가족서비스기관실습(Practicum of Family Professional Service) 3-1-4
M0000.024900 장애아동과 가족(Children with Special Needs and Their Families) 3-3-0	M1468.000300 아동 문해 발달과 교육(Children's Literacy Development and Education) 3-3-0
M0000.025000 아동사회·정서연구(Studies in Children's Socio-Emotional Development) 3-3-0	M1468.000500 아동가족학세미나(Graduate Seminar in Child Development and Family Studies) 3-3-0
M0000.025100 아동인지발달연구(Studies in Children's Cognitive Development) 3-3-0	M1468.000600 가족생활교육프로그램개발(Program Development in Family Life Education) 3-2-2
M0000.025200 아동언어발달연구(Studies in Children's Language Development) 3-3-0	M1468.001300 젠더와 가족관계(Gender and Family Relationships) 3-3-0
M0000.025300 놀이와 아동(Play and Children) 3-2-2	M1468.001400 아동가족학 질적연구법(Qualitative Methods in Child and Family Research) 3-3-0
M0000.025400 부모자녀관계와 부모교육(Parent-Child Relations and Parenting Education) 3-3-0	M1468.001500 글로벌가족정책(Global Family Policy) 3-3-0
M0000.025500 아동권리와 정책(Children's Rights and Policies) 3-3-0	M1468.001700 노년기의 가족 돌봄(Family Caregiving in Later Life) 3-3-0
M0000.025600 아동상담 이론과 적용(Theories and Practices of Child Counselling) 3-2-2	M1468.001800 고령화, 사회, 가족(Aging, Society, and Family) 3-3-0
M0000.025700 아동보육정책론(Child Care Policy) 3-3-0	
M0000.025800 청소년발달연구(Studies in Adolescent Development) 3-3-0	전공선택 인정과목 (Credited as Major Elective for Dept. of Child Development and Family Studies) 학과내규로 정함.
M0000.025900 아동청소년이상발달(Abnormal Development of Children and Adolescents) 3-3-0	
M0000.026000 아동실험관찰연구(Experimental and Observational Research with Children) 3-2-2	교과목 이수규정 (Departmental Course Requirements) 학과내규로 정함.
M0000.026100 가족, 학교, 지역사회와 아동(Child Development in Diverse Contexts) 3-3-0	

<수의과대학 주관>

551. 수의학과(Department of Veterinary Medicine)

공통과목(Core Courses)

- 551.855 수의임상케이스 공동토의(Grand Rounds in Veterinary Clinical Cases) 3-3-0
- 551.857 동물병원 임상실습 1(Practice in Animal Hospital 1) 2-0-6
- 551.858 동물병원 임상실습 2(Practice in Animal Hospital 2) 2-0-6
- M1742.000600 수의학세미나 및 연구방법론 실습 1 (Veterinary Seminar and Practice on Veterinary Research 1)
- M1742.000700 수의학세미나 및 연구방법론 실습 2 (Veterinary Seminar and Practice on Veterinary Research 2)
- 552.803 대학원논문연구(Dissertation Research) 3-3-0
- M1742.001500 수의학 영어 논문 작성법(Scientific Writing in Veterinary Medicine) 3-3-0

수의생명과학전공(Biomedical Science)

- 551.502 실험동물해부학(Anatomy of Laboratory Animals) 3-3-0
- *551.511 수의조직학특론(Advanced Veterinary Histology) 3-3-0
- *551.567 수의발생학특론(Advanced Veterinary Embryology) 3-3-0
- 551.568 전자현미경기술학(Electron Microscopy) 3-3-0
- 551.586 동물조절기전특론(Special Topic in Pain Modulation) 3-3-0
- 551.589 약력학특론(Pharmacodynamics) 3-3-0
- 551.592 수의약동학(Veterinary Pharmacokinetics) 3-3-0
- 551.594 침술의 신경생리학적기전(Neurophysiological Basis of Acupuncture) 3-3-0
- *551.598 야생동물보존유전학(Wildlife Conservation Genetics) 3-3-0
- *551.619 수의게놈연구특강(Topics in Veterinary Genome Research) 3-3-0
- *551.694 수의임상약리학특강(Topics in Veterinary Clinical Pharmacology) 3-3-0
- 551.815 동물생리학특론(Advanced Vertebrate Physiology) 3-2-2
- M2180.001300 수의분자세포생물학특강(Topics in Veterinary Molecular Cell Biology) 3-3-0
- *551.821 동물의 구조와 기능 이해(Animal Structure and Function for Non-DVM) 3-3-0
- *551.823 수의해부학특강(Topics in Veterinary Anatomy) 3-3-0
- 551.824 마우스 유전체학 및 발생학(Genomics and Embryology of Mouse) 3-3-0
- *551.825 수의생화학 및 분자생물학특강(Topics in Veterinary Biochemistry and Molecular Biology) 3-3-0
- 551.826 수의신경과학특론(Special Topics in Veterinary Neuroscience) 3-3-0
- *551.828A 수의약리학특강(Topics in Veterinary Pharmacology) 3-3-0
- *551.853 야생동물의 비교해부학(Comparative anatomy of wild animals) 3-3-0
- 551.859 동물 세포 생리학(Animal Cell Physiology) 3-3-0
- 551.860 동물 세포 신호 전달학(Animal Cell Signaling) 3-3-0
- *551.861 분자세포조절특강(Topics in molecular cellular regulation) 3-3-0
- M1742.000100 고급수분의분자세포생물학(Advanced Molecular and Cellular Biology in Veterinary Medicine) 3-3-0
- M1742.000200 실험의 설계 및 분석(Experimental Design and Statistical Analysis) 3-3-0

- *M2180.001000 수의신경계 질환 특론(Advanced Clinical and Veterinary Neuroscience) 3-3-0
- M2180.001400 수의 종양 생물학 개론(Introduction to Veterinary Cancer Biology) 3-3-0
- M1742.001000 수의생명과학 저널클럽(Journal Club in Veterinary Biomedical Science) 1-1-0
- M1742.001900 수의 방사선 생물학 개론(Introduction to Veterinary Radiation Biology) 3-3-0
- M2180.002000 비교의학 특론(Topics in Comparative Medicine) 3-3-0
- M2180.001700 수의 방사선 종양학(Veterinary Radiation Oncology) 3-3-0

수의병인생물학 및 예방수의학전공

(Veterinary Pathobiology and Preventive Medicine)

- 551.509 현대면역학비평(The Critique on Modern Immunology) 3-3-0
- *551.617 동물성식품위생학(Hygiene of Animal Originated Food) 3-3-0
- 551.618 수의공중보건학특론(Advanced Veterinary Public Health) 3-3-0
- 551.646 화학물질의 안전성평가법(Safety Evaluation of Chemical Products) 3-3-0
- 551.650 독성병리학(Toxicological Pathology) 3-3-0
- 551.655 분자역학개론(General Molecular Epidemiology) 3-3-0
- *551.668 독성물질의 작용기전(Mechanisms of Toxic Action) 3-3-0
- 551.672 어류병리학특론(Advanced Fish Pathology) 3-3-0
- *551.675 독성학특론(Advanced Toxicology) 3-3-0
- 551.678 면역현상에 대한 철학적 접근(Immune Self as the Metaphor) 3-3-0
- *551.681A 줄기세포생물학(Stem Cell Biology) 3-3-0
- *551.682 환경물질의 분자역학(Molecular Epidemiology in Environmental Health) 3-3-0
- *551.686 환경물질의 생물지표(Biomarker of Environmental Toxicants) 3-3-0
- *551.743 동물의 세균성전염병특론(Advanced Bacterial Diseases of Animals) 3-3-0
- *551.756 조류질병특론(Advanced Avian Diseases) 3-3-0
- 551.757 동물전염병진단론(Diagnostics of Veterinary Infectious Diseases) 3-3-0
- *551.758 수의세균학특론(Advanced Veterinary Bacteriology) 3-3-0
- *551.759 돼지바이러스성질병관리와 생산체계(Swine Viral Diseases and Production Systems) 3-3-0
- *551.814 동물바이러스생물학(Biology of Animal Viruses) 3-3-0
- *551.829 병원성미생물의 유전면역학적 접근(Immunogenetical Approach to Pathogenic Microorganisms) 3-3-0
- *551.830 수의병리학특론(Advanced Veterinary Pathology) 3-3-0
- *551.831 수의진단병리학(Molecular Veterinary Pathology) 3-3-0
- *551.832 수의기생충학특론(Special Course of Veterinary Parasitology) 3-3-0
- *551.833 수의병리조직학 슬라이드 컨퍼런스(Veterinary Histopathology Slide conference) 3-3-0
- *551.834 수의진단병리학특론(Special Topics in Surgical Pathology) 3-3-0
- 551.835A 수의종양학특론(Advanced Veterinary Oncology) 3-3-0
- *551.862 동물성식품안전성미생물의 분자역학(Food safety microbiology and molecular epidemiology) 3-3-0
- 554.504 산업동물인수공통전염병(Zoonosis of Industrial Animals) 3-3-0

554.505	신변종 인수공통전염병학(Molecular Approach of Emerging Animals) 3-3-0	*551.845	대동물운동기질환(Large Animal Musculoskeletal Diseases) 3-3-0
554.506	식품유래 인수공통전염병(Foodborn Zoonosis) 3-3-0	*551.847	수의안과학특론(Advanced Veterinary Ophthalmology) 3-3-0
554.507	바이오테러(Bioterrorism) 3-3-0	*551.848	수의치과학특론(Advanced Veterinary Dentistry) 3-3-0
554.509	인수공통전염병으로서의 프리온 질환(Prion Diseases as Zoonosis) 3-3-0	551.849	소동물응급의학(Emergency Procedures for Small Animal) 3-3-0
554.510	인수공통기생충(Zoonotic Parasites) 3-3-0	*551.850	소동물일반외과학특강(Topics in Small Animal General Surgery) 3-3-0
*M2180.000100	수의역학연구특론(Topics in veterinary epidemiologic research) 3-3-0	551.851	소동물흉부외과학원론(Principles of Small Animal Thoracic Surgery) 3-3-0
M1742.000300	원헬스 이론과 실제(One Health Theory and Practice) 3-3-0	551.852	고급수의영상의학(Advanced Veterinary Medical Imaging) 3-3-0
M1742.000400	실험동물학(Laboratory Animal Science) 3-3-0	*551.863	고급수의임상진단(Veterinary clinical diagnostic medicine) 3-3-0
M1742.001100	예방수의학 저널클럽(Journal Club in Preventive Veterinary Medicine) 1-1-0	M2180.000800	야생동물의학특론(Advanced Wildlife Medicine) 3-3-0
M2180.001500	고급 바이러스 질병학(Advanced Viral Diseases) 3-3-0	M2180.000900	고급수의응급의학(Advanced Veterinary Emergency Medicine) 3-3-0
M2180.001600	수의독성학특론(Advanced Veterinary Toxicology) 3-3-0	M2749.000100	고급임상동물행동의학(Advanced Clinical Animal Behavior Medicine) 3-3-0
M2180.001800	수생생물과 환경(Aquatic Organism and Environment) 3-2-2	M2749.000200	고급수의응급외상학(Advanced Veterinary Emergency Traumatology) 3-3-0
M2180.001900	수의정보분석방법론(Data Analysis methods in Veterinary Informatics) 3-3-0	M1742.000800	최신 수의 종양치료 기술동향(Current Concept in Veterinary Oncology) 3-3-0
임상수의학전공(Veterinary Clinical Sciences)		M1742.000900	다학제적 중개의학 세미나(Interdisciplinary Seminar in Translational Medicine) 1-1-0
551.520	소동물피부과학특강(Topics in Small Animal Dermatology) 3-3-0	M1742.001200	임상수의학 저널클럽(Journal Club in Veterinary Clinical Sciences) 1-1-0
551.712A	수의마취 및 통증관리(Veterinary Anesthesia and Pain Control) 3-3-0	M1742.001300	비교 종양학 세미나(Seminar in Comparative Oncology) 1-1-0
551.764	수의임상병리학특론(Recent Advances in Veterinary Clinical Pathology) 3-3-0	M1742.001400	융합 미래수의학 특강(Topics in Converging Future Veterinary Medicine) 1-1-0
551.773A	수의정형외과학특론(Advanced Veterinary Orthopedics) 3-3-0	M1742.001600	소동물내과학특론(Special Topics in Veterinary Internal Medicine) 3-3-0
551.774	수의신경외과학(Veterinary Neurosurgery) 3-3-0	산업동물임상수의학전공(Farm Animal Medicine)	
*551.782	수정란의 보존 및 이식특론(Storage and Transfer of Mammalian Embryos) 3-3-0	*M2180.000200	가금임상수의학 특강(Topics in Poultry Clinical Science) 3-3-0
551.786	수정란의 미세조작법(Methods in Embryo Micromanipulation) 3-3-0	*M2180.000300	젖소 생산수의학(Dairy Production Medicine) 3-3-0
*551.790	산과질환진단특론(Advanced Diagnostic Methods in Reproductive Disease) 3-3-0	*M0000.009000	산업동물 임상실습(Clinical Practice with Production Animals) 2-0-6
551.816	수의방사선생물학(Veterinary Radiation Biology) 3-3-0	*M2180.000800	야생동물의학 특론(Advanced Wildlife Medicine) 3-3-0
*551.838	대동물내과학특강(Topics in Large Animal Internal Medicine) 3-3-0	*M2180.001100	수의 인문사회학 특론(Advanced Veterinary Humanities and Social Science) 3-3-0
551.839	절지동물매개 질병연구(Studies in Arthropod-borne Diseases) 3-3-0	전공선택 인정과목	
*551.840	반려동물내과학특강(Topics on Companion animal Internal Medicine) 3-3-0	(Credited as Major Elective for Dept. of Veterinary Medicine)	
551.841	반려동물임상영양학특강(Topics on Companion Animal Clinical Nutrition) 3-3-0	전공지도교수의 추천에 의하여 학과장이 인정하는 타학과의 과목	
*551.843	수의영상학특론(Advanced Veterinary Medical Imaging) 3-3-0		
*551.844	대동물외과학특강(Topics in Large Animal Surgery) 3-3-0		

<약학대학 주관>

공통과목(Extrdepartmental Courses)

- 375.501 약학연습 1(Seminar in Pharmacy 1) 1-2-0
- 375.502 약학연습 2(Seminar in Pharmacy 2) 1-2-0
- 375.601 약학연습 3(Seminar in Pharmacy 3) 1-2-0
- 375.602 약학연습 4(Seminar in Pharmacy 4) 1-2-0
- 375.803 대학원논문연구(Reading and Research) 3-3-0
- M3316.000200* 미래 약학 연구 세미나(Future Trends in Pharmaceutical Research) 1-1-0

**375(377). 약학과(Department of
Pharmaceutical Sciences)**

약학전공(Pharmaceutical Sciences Major)

- M2175.002700 글로벌 약학자 양성 세미나(SNU@Pharm Global Leadership Program) 2-2-0
- 375.510 생화학특강(Topics in Biochemistry) 3-3-0
- 375.541 의약 신호전달생화학특강(Topics in Pharmaco-Molecular and Cellular Signal Transduction) 3-3-0
- 375.542 의약분자생물학특강(Topics in Pharmaceutical Molecular Biology) 3-3-0
- 375.737A 의약면역학특강(Topics in Medicinal Immunology) 3-3-0
- M1483.000800 사이토카인 생물학(Cytokine Biology) 3-3-0
- M1483.000900 약학전산구조생물학(Pharmaco-Computational Structural Biology) 3-3-0
- M0000.006000 후성 유전 약리학(Pharmacology of epigenetics) 3-3-0
- M1481.000100 세포면역학 특론(Topics in Cellular Immunology) 3-3-0
- M2175.000900 면역 항암 약리학(Immuno-Pharmacology of Cancer) 3-3-0
- M2175.001600 줄기세포 특강 (Topics in stem cells) 3-3-0
- M2175.002400 약학생물정보학 특강(Pharmacy Bioinformatics) 3-3-0
- M2175.002800 암시스템생물학 특론(Advances in Cancer Systems Biology) 3-3-0
- 375.513 약물학특론 1 및 실험(Advanced Pharmacology 1 and Laboratory) 3-2-4
- 375.514 약물학특론 2 및 실험(Advanced Pharmacology 2 and Laboratory) 3-2-4
- 375.517 약물수용체론 및 실험(Drug-Receptor Interaction and Laboratory) 3-2-4
- 375.589 약학전사체학특강(Topics in transcriptomics) 3-3-0
- 375.593 표적항암치료(Targeted Therapy in Cancer) 3-3-0
- 375.618 생화학적약물학(Biochemical Pharmacology) 3-3-0
- 375.650 신경발생학 및 실험(Neural development and Laboratory) 3-2-2
- 375.668 분자병태생리학특강(Topics in Molecular Pathophysiology) 3-3-0
- 375.669 모델생명체의 형질표현체학(Phenomics of Model of Organisms) 3-3-0
- 375.670 단백질치료제개발특강(Topics in Protein Therapeutics Development) 3-3-0
- 375.721 세포병태생리학특강(Topics in Cellular Pathophysiology) 3-3-0
- 375.786 약물역학특론(Advanced Pharmacokinetics) 3-3-0
- 375.813 분자약물학(Molecular Pharmacology) 3-3-0
- 802.901 생리학특론 1(Advanced Physiology 1) 3-3-0
- M1483.001400 신약개발과 후성유전학(Epigenomics in Drug Discovery) 3-3-0

- M2175.001700 노화 생리학(Aging Physiology) 3-3-0
- M2175.001800 세포대사 생리학(Cellular Metabolism Physiology) 3-3-0
- 375.622 약물성질병(Drug Induced Disease) 2-2-0
- 375.623 임상약학실습 1(Clinical Pharmacy Clerkship 1) 2-0-8
- 375.624 임상약학실습 2(Clinical Pharmacy Clerkship 2) 2-0-8
- 375.711 생체방어기전(Biological Self-Defence Mechanism) 3-3-0
- 375.718 분자독성학(Molecular Toxicology) 3-3-0
- 375.719 임상약물유전체약학(Clinical Pharmacogenomics) 3-3-0
- 375.720 임상약학시험방법론(Clinical Trial Methodology) 3-3-0
- 375.808 생체유해라디칼작용론(Free Radicals in Biology and Medicine) 3-3-0
- 375.810 약물치료학특론(Advanced Pharmacotherapy) 3-3-0
- 375.815 복약지도(Patient Education) 3-3-0
- 375.816 영양소혼합조제및임상응용(IV Admixture of TPN and Clinical Application) 2-2-4
- 375.817 의약품정보학특강(Topics in Drug Information) 2-1-2
- 375.819 노인약학(Geriatric Pharmacy) 3-3-0
- 375.820 임상약학세미나(Seminar in Clinical Pharmacy) 2-2-0
- 375.834 약물경제학특론(Advanced Pharmacoeconomics) 3-3-0
- 375.835 사회약학연구방법론(Research Methods in Social and Administrative Pharmacy) 3-3-0
- 375.837 임상약물계량학(Clinical Pharmacometrics) 3-2-2
- M2175.001100 약물치료학적 의약품 평가학 (Pharmacotherapeutic Drug Evaluation) 3-3-0
- M1483.002200 집중약료학(Acute Care Pharmacotherapy) 3-3-0
- M1483.002300 임상약물안전성특론(Drug Safety in Clinical Pharmacy) 3-3-0
- M2175.001000 약물감시 정책과 연구(Pharmaco-Vigilance Policy and Research) 3-3-0
- M2175.001500 약료학 특강(Topics in Pharmaceutical Care) 3-3-0
- M2175.001900 신호전달 독성학(Cell Signaling in Toxicology) 3-3-0
- M2175.002200 예방약학특론(Advanced Preventive Pharmacy) 3-3-0
- M2175.002300 임상약동학 특론(Advanced Clinical Pharmacokinetics) 3-3-0
- M2175.002600 규제과학 연구방법론(Methods in Regulatory Science Research) 3-3-0
- 375.571 약화학특론 1(Advanced Pharmaceutical Chemistry 1) 3-3-0
- 375.573 화학요법제 1(Chemistry of Chemotherapeutic Agents 1) 3-3-0
- 375.771 화학요법제 2(Chemistry of Chemotherapeutic Agents 2) 3-3-0
- 375.772A 의약화학특론 1(Advanced Medicinal Chemistry 1) 3-3-0
- 375.774 약화학특론 2(Advanced Pharmaceutical Chemistry 2) 3-3-0
- 375.789A 의약화학특론 2(Advanced Medicinal Chemistry 2) 3-3-0
- 375.791 물리유기약품화학 1(Physical Organic Pharmaceutical Chemistry 1) 3-3-0
- 375.792 물리유기약품화학 2(Physical Organic Pharmaceutical Chemistry 2) 3-3-0
- 375.804A 생물유기약품화학 1(Bioorganic pharmaceutical Chemistry 1) 3-3-0
- 375.804B 생물유기약품화학 2(Bioorganic pharmaceutical

M1483.002400	유기금속화학특강 1(Topics in Organometallic Chemistry 1) 3-3-0	M3316.000100	신약개발 규제과학(Regulatory Drug Development) 3-3-0
M2175.001200	유기금속화학특강 2(Topics in Organometallic Chemistry 2) 3-3-0	M3316.000300	임상생리학(Clinical Physiology) 3-3-0
375.582	의약품제제분석 1(Analysis of Pharmaceutical Preparation 1) 3-3-0	M3316.000400	세상을 바꾼 12가지 항암제(12 Cancer Drug Concepts that changed the world) 3-3-0
375.585	기기분석 1(Instrumental Analysis 1) 3-3-0	M3316.000500	미생물 합성생물학(Microbial Synthetic Biology) 3-3-0
375.682	약품분석특론 2(Advanced Pharmaceutical Analysis 2) 3-3-0	371.514	천연물의약품학(Natural Medicines) 3-3-0
375.686	기기분석 2(Instrumental Analysis 2) 3-3-0	821.510	천연물성분화학특수연구(Special Research in Chemistry of Natural Products) 3-2-2
375.696	약물단백질체학연구(Studies in Pharmacoproteomics) 3-3-0	821.511	천연물성분화학(Natural Products Chemistry) 3-3-0
371.688	의약품생체재료학(Biomedical Biomaterials) 3-3-0	821.520	천연물생체기능론특수연구(Special Research in Biological Functions of Natural Products) 3-3-0
371.689	거대분자약물송달특론(Advanced Macromolecular Drug Delivery) 3-3-0	821.521	천연물생화학(Natural Products Biochemistry) 3-3-0
375.556	물리약학특론 1(Advanced Physical Pharmacy 1) 3-3-0	821.523	천연물생체기능론(Biological Functions of Natural Products) 3-3-0
375.557	생물물리약학(Pharmaco-biophysics) 3-3-0	821.531	천연물자원(Natural Resources) 3-3-0
375.659	물리약학특론 2(Advanced Physical Pharmacy 2) 3-3-0	821.624	천연물생물공학(Natural Products Biotechnology) 3-3-0
375.809	약학핵자기공명학(NMR in Pharmacy) 3-3-0	821.625	천연물생화학특강(Topics in Natural Products Biochemistry) 3-3-0
375.824	생체막수송체학특강(Topics in Drug Transporters in Biological Membranes) 3-3-0	821.626	천연물약리독성학특강(Topics in Natural Products Pharmacology and Toxicology) 3-3-0
375.827	약물동태학특강(Topics in Pharmacokinetics) 3-3-0	821.627	천연물생체기능특강(Topics in Biological Functions of Natural Products) 3-3-0
375.828	약물동태학해석특강(Topics in Pharmacokinetics Analysis) 3-3-0	821.632	천연물자원특강(Topics in Natural Resources) 3-3-0
M2842.000100	생물약제학특강 2(Topics in Biopharmaceutics 2) 3-3-0	821.642	천연물정보과학특강(Topics in Natural Products Information) 3-3-0
M1483.002100	생물약제학의 최근연구동향(Contemporary research topics in biopharmaceutics) 2-2-0	821.711	천연물구조결정론(Structure Elucidation of Natural Products) 3-3-0
M1483.002500	약제학 특론(Advanced Pharmaceutics) 3-3-0	821.715	해양천연물성분화학(Marine Natural Products Chemistry) 3-3-0
M1483.002600	생물약제학 융합연구의 다학제적 접근 (Multidisciplinary approaches to biopharmaceutical problems) 3-3-0	821.721	세포기능조절천연물(Cell Function Regulators from Natural Products) 3-3-0
375.536	식물성분생합성(Biosynthesis of Plant Constituents) 3-3-0	821.734	천연물생리활성방법론(Studies in Bioactive Natural Product Evaluation) 3-3-0
375.697	자원생약연구법 1(Natural Product Derived Pharmaceuticals 1) 3-3-0	821.735	미생물이차대사물질화학(Microbial secondary metabolite chemistry) 3-3-0
375.698	자원생약연구법 2(Natural Product Derived Pharmaceuticals 2) 3-3-0	821.737	천연물 생물물리학(Biophysics in Natural Product Research) 3-3-0
M1483.001600	활성물질탐색(Screening Methods for Bioactive Natural Products) 3-3-0	M1483.000100	테페노이드 화학 특론(Advanced Terpenoids Chemistry) 3-3-0
375.798	생약성분화학구조분석(Chemical Structure Analysis of Medicinal Plant Constituents) 3-3-0	M1483.000200	기능성식품 개발론(Development of Functional Foods) 3-3-0
M1483.001700	생약화학(Chemistry in Pharmacognosy) 3-3-0	M1483.000300	알카로이드 화학 특론(Advanced Alkaloid Chemistry) 3-3-0
375.800	생약학특론(Advanced Pharmacognosy) 3-3-0	M1483.000400	천연물신약개발론(Development of Botanical New Drugs) 3-3-0
M1483.001800	생리활성천연물연구(Methods in Bioactive Natural Products Research) 3-3-0	M1483.000500	응용시스템약물학(Applied Systems Pharmacology) 3-3-0
M1483.002700	정보과학기반 동물대체연구법(Information Science-based Animal Alternative Methods) 3-3-0	M1483.000600	코스메슈티칼과 시스템피부과학(Cosmeceuticals and skin systems biology) 3-3-0
M1483.002800	약학분자시스템 바이러스학 특강(Topics in Molecular Systems Virology for Pharmacy) 3-3-0		
M1483.002900	유행바이러스학특론(Advanced Pandemic Virology) 3-3-0		
M1483.003000	자가 면역 질환의 융합적 이해(Integrated understanding autoimmune diseases) 3-3-0		
M2175.002500	정보기반 천연물 생합성학(Information-based Natural Product Biosynthesis) 3-3-0		
M2175.002900	공생미생물 유래 천연물(Symbiotic Microorganisms-derived Natural Products) 3-3-0		

전공선택 인정과목

(Credited as Major Elective for Dept. of Manufacturing Pharmacy)

본교 대학원 교과목 중 전공지도교수의 추천에 의하여 학과장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

학과내규에 의함.

<음악대학 주관>

657. 음악과(Department of Music)

공통과목(Core Courses)

- 650.501 졸업연주(Graduate Recital) 1-0-2(S/U평가)
- 657.715 박사과정연구회(Doctoral Recital) 1-0-2
(4개 학기 반복이수) (S/U 평가)
- 657.803 대학원논문연구(Dissertation and Research) 3-3-0
- 657.601 음악연구방법론(Studies in Methodology of Research on Music) 3-3-0 (2개 학기 반복이수 가능) (S/U평가)
- M3419.000200 바흐까지의 교회음악사(History of Church Music up to Bach) 3-3-0
- M3419.000300 초기 기악음악의 역사(History of Early Instrumental Music) 3-3-0
- 661.519 바로크음악사(History of Baroque Music) 3-3-0
(2개 학기 반복이수 가능)
- 661.520 고전주의음악사(History of Classic Music) 3-3-0
(2개 학기 반복이수 가능)
- 650.511A 19세기음악사(History of 19th Century Music) 3-3-0
(2개 학기 반복이수 가능)
- M0000.030800 공연과 연구의 음악인류학(Performance and Reaserch: An Ethnmpmusicological Approach) 3-3-0
- M1797.000900 바로크 음악의 해석(Interpretation through Analysis of Baroque Music) 3-3-0
- M1797.001000 고전주의 음악의 해석(Interpretation through Analysis of Classical Period Music) 3-3-0
- M1797.001100 낭만주의 음악의 해석(Interpretation through Analysis of Romantic Music) 3-3-0
- M1797.001200 근현대 음악의 해석(Interpretation through Analysis of since Debussy) 3-3-0
- M2183.000500 뉴뮤직 프로덕션 랩(New Music Production Lab) 3-2-2
- M2183.005600 공연장 음향의 이해(Concert Hall Acoustics) 3-3-0
- M1804.000500 스튜디오 레코딩 개론(Introduction to Studio Recording) 3-3-0

성악전공(Vocal Music Major)

- *650.562 작곡가특강(성)(Topics in Major Composers) 3-3-0
(2개 학기 반복이수 가능)
- 650.557 합창지휘법연구(Studies Choral Conducting) 3-3-0
- *651.505 성악문헌연구(Studies in Vocal Literature) 3-3-0
- 651.591 전공실기(성악)(Major) 2-1-2(4개 학기 반복이수)
- 657.701 성악실기(Vocal Major) 3-1-4(6개 학기 반복이수)
- 651.721 오페라 집중 연구 1(Intensive Work of Opera Study 1) 3-3-0
- 651.722 오페라 집중 연구 2(Intensive Work of Opera Study 2) 3-3-0

작곡·지휘 전공(Composition and Conduction Major)

- 652.586 전공실기(작곡)(Composition Major) 2-1-2
(4개 학기 반복이수)
- 652.588A 전공실기(지휘)(Conducting Major) 2-1-2
(4개 학기 반복이수)
- 657.702 작곡실기(Composition Major) 3-1-4
(4개 학기 반복이수)
- 657.703 지휘실기(Orchestral Conducting Major) 3-1-4 (4개 학기 반복이수)
- 657.712 작곡세미나(Composition Seminar) 3-3-0
(4개 학기 반복이수 가능)
- 657.720 전자음악연구(Studies in Electro-acoustic Music) 3-2-2(6개 학기 반복이수 가능)
- 657.734 지휘졸업연주(Graduation recital for Conductors)

3-0-6

- 657.735 음악극창작워크샵(Music Theater Production Workshop) 3-3-0 (2개 학기 반복이수 가능)
- M2183.000700 작곡 콜로키움(Composition Colloquium) 3-0-6
- M1804.000300 필름 스코어링(Film Scoring) 3-2-2

이론·음악학 전공(Theory and Musicology Major)

- 650.506 음악미학연구(Aesthetics of Music) 3-3-0
(2개 학기 반복이수 가능)
- 650.526 인도음악연구(Studies in Indian Music) 3-3-0
- 650.534 음악사회학연구(Studies in the Sociology of Music) 3-3-0
- *650.561 음악분석이론연구(Studies in Music Analysis Theory) 3-3-0 (4개 학기 반복이수 가능)
- 652.562A 음악심리학연구(Studies in Cognitive Psychology of Music) 3-3-0 (2개 학기 반복이수 가능)
- 652.598 현대음악미학연구(Studies in the Aesthetics of Contemporary Music) 3-3-0 (2개 학기 반복이수 가능)
- 657.730 20세기음악사연구(Studies in History of 20th Century Music) 3-3-0 (2개 학기 반복이수 가능)
- 652.601 음악인류학(Anthropology of Music) 3-3-0
- 652.602 음악신경과학연구(Research in Neuroscience of Music) 3-3-0 (2개 학기 반복이수 가능)
- 661.510 음악일반연구방법론(Studies in Methodology of General Research on Music) 3-3-0
- M3419.000100 대중음악의 역사 (History of Popular Music) 3-3-0 (2개 학기 반복이수 가능)

피아노전공(Piano Major)

- 653.589 전공실기(피아노)(Major) 2-1-2 (4개 학기 반복이수)
- 657.704 피아노실기(Piano Major) 3-1-4 (6개 학기 반복이수)
- 657.729 연주자를 위한 음악연구입문(Introduction to Music Scholarship for Performers) 3-3-0
- M1800.000100 피아노문헌연구(Studies in Piano Literature) 3-3-0 (2개 학기 반복이수 가능)
- M1804.000100 음악해석론(Repertoire Interpretation) 3-3-0
- M1804.000200 피아노 세미나(Seminar for piano performance) 2-2-0 (피아노전공 2개 학기 필수, 4개 학기 반복이수 가능)
- M3420.000200 피아노 연주 랩(Piano Performance Lab) 2-1-2
(4개 학기 반복이수 가능)
- M2183.001000 건반악기의 역사주의 연주 실제 1(Historical Performance Practice in Keyboard Instrument I) 3-3-0
- M2183.001100 건반악기의 역사주의 연주 실제 2(Historical Performance Practice in Keyboard Instrument II) 3-3-0
- M3420.000100 피아노 문헌 스펙트럼(Piano Literature Spectrum) 3-3-0 (2개 학기 반복이수 가능)
- 657.717 근대음악문헌연구(Studies in Literature of Modern Music) 3-3-0 (2개 학기 반복이수 가능)

관현악전공(Orchestral instruments Major)

- 653.590 전공실기(현악)(Major) 2-1-2 (4개 학기 반복이수)
- 657.707 현악실기(전공악기명)(String Major) 3-1-4
(6개 학기 반복이수)
- 653.591 전공실기(관악)(Major) 2-1-2 (4개 학기 반복이수)
- 657.708 관악실기(전공악기명)(Woodwind, Brass and Percussion Major) 3-1-4 (6개 학기 반복이수)
- M1801.000100 실내악연주(Chamber Music Performance) 3-3-0 (3개 학기 반복이수 가능)
- 653.505 현악문헌연구(Studies in Literature of String Music) 3-3-0
- 657.724 현문헌분석연구(Analytic Approach to Strings)

Literature) 3-3-0
*657.725 고음악연주세미나(Research Seminar in Early Music)
3-3-0
M0000.030300 현대 아카데미 운영 실습(practice of contemporary
academy management) 2-2-0

국악전공(Korean Music Major)

650.556 논문발표(Thesis) 1-0-2
661.803 대학원논문연구(Reading and Research) 3-3-0
650.564 한국음악학방법론(Methodology of Korean Traditional
Musicology) 3-3-0
654.592 전공실기(국악기악)(Instrumental Major of Korean
Music) 2-1-2(4개 학기 반복이수)
654.593 전공이론(국악)(Theory in Major of Korean Music)
2-1-2 (4개 학기 반복이수)
654.594 전공실기(국악성악)(Vocal Major of Korean Music)
2-1-2 (4개 학기 반복이수)
654.595 전공실기(국악작곡)(Composition Major of Korean
Music) 2-1-2 (4개 학기 반복이수)
654.597 전공실기(국악지휘)(Orchestral Conducting Major of
Korean Music) 2-1-2
657.710 국악기악실기(전공악기명)(Instrumental Major of
Korean Music) 3-1-4(6개 학기 반복이수)
657.722 국악합주실습(Korean Music Orchestral Practice)
3-1-4(2개 학기 반복이수 가능)
654.596A 산조창작연구(New sanjo Studies) 3-3-0
654.598 국악작곡가특강(Korean Composer's Forum) 3-3-0
(3개 학기 반복이수 가능)
654.599 전통가창특강(Lecture on Korean Traditional Singing)
3-3-0
657.728 창작국악세미나(Seminar in Korean Contemporary

Music based on Korean Traditional Music) 3-3-0
(3개 학기 반복이수 가능)
M0.005000 국악문헌연구(Studies in Literature of Korean
Traditional Music) 3-3-0
M0.004800 동양음악연구(Studies in East Asian Music) 3-3-0
M2183.005900 궁중음악연구(Korean Court Music) 3-3-0
661.553 조선후기음악연구(Studies in Late Choson Music)
3-3-0
M2183.005800 한국음악학세미나(Seminar In Korean Musicology)
3-3-0
M0.004700 한국음악사(History of Korean Music) 3-3-0
M0000.031000 음악컨텐츠 복원과 창작(Restoration and Variation
For Music) 3-3-0
M0.004900 한국음악의사상과미학(Thought and Aesthetics of
Korean Music) 3-3-0
M0000.030700 음악무대 훈련실습(Training and Practicing for the
performer's musical stage) 1-0-2
M0000.030900 공연창작세미나(Seminar for Creative Performing
Arts) 3-1-4 (3회 반복이수 가능)
661.561 한국음악이론연구(Studies in Korean Music Theories)
3-3-0
M0000.022500 해외현장학습(Overseas Field Study) 2-1-2

전공선택 인정과목

(Credited as Major Elective for Dept. of Music)
음악과 내부 규정에 의함

과목 이수규정

(Course Requirements)
음악과 내부 규정에 의함

<의과대학 주관>

801. 의학과(Department of Medicine)

공통과목(Core Courses)

- 801.2302 의학교육학개론(Introduction to Medical Education) 3-3-0
- 801.2303 의학교육방법론개론(Survey of Methodology in Medical Education) 3-3-0
- 801.2304 실험동물학개론(Laboratory Animal Science) 3-3-0
- 801.2305 질환모델동물(Animal Models) 3-3-0
- 801.2306 신약개발을 위한 독성실험방법론(Toxicological Research for New Drug Development) 3-3-0
- 801.2601 근거중심보건의료(Evidence Based Healthcare) 3-3-0
- 801.501 의학연구방법론(연구계획논문작성법)(Research Methodology) 3-3-0
- 801.502 의학통계론(Medical Statistics) 3-3-0
- 801.5026 바이오메디칼 특허의 출원 및 권리행사(Prosecution and Enforcement of Biomedical Patents) 3-3-0
- 801.5027 의과학기술과 관련된 법과 정책(Bio-Medical Technology Law and Policy) 3-3-0
- 801.503 실험기법 1(Experimental Techniques 1) 3-3-0
- 801.505 자료처리론(Computer Assisted Medical Data Processing) 3-3-0
- 801.803 대학원논문연구(Reading and Research) 3-3-0
- 801.862 논문작성법(Writing Scientific Papers) 3-2-2
- M1923.006600 재난의학(Disaster Medicine) 3-3-0
- M1923.011400 의학논문 작성 고급과정(Advanced Course of Writing Medical Articles) 3-2-2
- M1923.011500 휴먼시스템의학입문(Primer to Human System Medicine) 3-3-0
- M1923.011600 휴먼시스템의학강독(Lecture and Discussion in Human Systems Medicine) 3-3-0
- M1923.011700 의과학자를 위한 혁신적인 리더십(Innovative Leadership for Biomedical Researchers) 3-3-0
- M1923.011800 의생명과학 연구자를 위한 연구 윤리(Ethics for Biomedical Researchers) 3-3-0

해부학전공(Anatomy and Cell Biology Major)

- 801.2610 NK세포면역학(NK Cell Immunology) 3-3-0
- 801.2611 면역조직학특강(Topics in Histologic Aspect of Immune System) 3-3-0
- 801.2612 종양조직학특강(Topics in Tumor Histology) 3-3-0
- 801.511 신경해부학특강(Advanced Anatomy of the Nervous System) 3-1-4
- M1923.001800 신경조직 및 해부학(Histology and Anatomy of Central Nervous System) 3-3-0
- *M2934.000200 해부세포생물학 연구를 위한 생명정보학 입문(Principles of Bioinformatics for Anatomy and Cell Biology) 3-3-0
- *M2934.000300 체질인류학 및 고병리학연구의 최신지견(Recent Progress in Physical Anthropology and Paleopathology) 3-3-0
- M2934.000400 안구 표현형 분석법의 이해(Understanding Ocular Phenotype Analysis) 3-3-0
- M2934.000500 항산화제에 의한 면역과 항염증 반응(Anti-inflammatory Immune Responses by Antioxidants) 3-3-0
- M2934.000600 항산화 면역과 종양(Antioxidant Immunology and Cancer) 3-3-0
- M2934.000700 조직학세미나 1(Seminar in Histology) 3-3-0
- M2934.000800 조직학세미나 2(Seminar in Histology) 3-3-0

병리학전공(Pathology Major)

- 801.2805 림프관내계질환의 병리(Pathology of the Lymphoreticular System) 3-2-2

- 801.2828 췌담관병리학(Pancreatico-biliary Pathology) 3-2-2
- 801.567 폐병리학(Pathology of the Lung) 3-2-2
- 801.568 소화관병리학(Pathology of the Alimentary Tract) 3-2-2
- 801.569 간병리학(Pathology of the Liver) 3-2-2
- 801.575 신경병리학(Neuropathology) 3-2-2
- 801.576 소아병리학(Pediatric Pathology) 3-2-2
- M1923.000600 혈액종양병리(Pathology of Hemato-Oncology) 3-2-2
- M1923.001900 내분비병리학(Endocrine Pathology) 3-2-2
- M1923.002000 분자병리학(Molecular Pathology) 3-2-2
- M1923.002100 비뇨기계병리학(Pathology of the Genitourinary Tract) 3-2-2
- M1937.000200 상부소화기병리학(Pathology of Upper Gastrointestinal Tract) 3-2-2
- M2937.000300 유방병리학 Breast Pathology 3-2-2
- M2937.000400 골연부병리 Orthopedic Pathology 3-3-0

약리학전공(Pharmacology Major)

- 801.589 약상호작용(Drug Interaction) 3-3-0
- 801.591 임상약리학(Clinical Pharmacology) 3-2-2

미생물학전공(Microbiology Major)

- 801.2208 이식면역학실험(Transplant Immunology Lab.) 3-0-6
- 801.2209 이식면역학최신지견(Current Topics in Transplantation Immunology) 3-3-0
- 801.2210 분자 및 세포미생물병인론(Molecular and Cellular Microbial Pathogenesis) 3-3-0
- 801.604 세균의병원성총론(General Bacterial Pathogenicity) 3-3-0
- 801.613 면역질환병인론(Pathogenesis of Immunological Diseases) 3-3-0
- 801.616 면역학최신토픽(Current Topics in Immunology) 3-3-0
- 801.617 종양바이러스학(Oncogenic Viruses) 3-3-0
- 801.687 세균학최신토픽(Current Topics in Bacteriology) 3-3-0
- 801.690 면역계기능(Biological Function of Immune System) 3-3-0
- 801.692 바이러스학총론(General Virology) 3-3-0
- 801.694 바이러스의병원성실험(Laboratory in Pathogenicity of Viruses) 3-0-6
- M2939.000100 법의미생물학(Forensic Microbiology) 3-3-0
- M2939.000200 바이러스학 최신토픽(Current Topics in Virology) 3-3-0
- *M2939.000300 병원 미생물 및 면역학 실험(Experiments in Medical Microbiology and Immunology) 3-0-6

예방의학전공(Preventive Medicine Major)

- 801.2215 약물역학연구설계특강(Topics in Design of Pharmacoepidemiology Research) 3-3-0
- 801.2816 직업환경역학(Occupational and Environmental Epidemiology) 3-3-0
- 801.5003 근거중심임상예방의료개론(Introduction to the Evidence Based Clinical Preventive Medicine) 3-3-0
- 801.709 만성병역학특론(Epidemiology of Chronic Illness) 3-3-0
- 801.815 환경독성학(Environmental Toxicology) 3-3-0
- M0000.007600 물질남용, 중독의 보건학(Addiction, Intoxication, Poisoning and Public Health) 3-3-0
- M1923.000400 기술역학자료분석(Analysis of Descriptive Epidemiologic Data) 3-3-0
- M1923.000500 암역학개론(Introduction to Cancer Epidemiology) 3-3-0
- M1923.004000 국제보건암관리학(Global Cancer Prevention and Management) 3-3-0

M2940.000100 기계학습 및 의료 빅데이터 분석 세미나(Machine Learning and Health Big Data Analysis Seminar) 3-3-0

열대의학전공(Tropical Medicine and Parasitology Major)

801.2070A 간흡충증과 감염증(Clonorchiasis and Paragonimiasis) 3-2-2
801.2818 기생충학연구의 최신지견(Parasitology Research and Recent Advances) 3-2-2
801.2819 토양매개성연충과 감염증(Soil Medicated Helminths and Its Infection) 3-2-2
801.2820 식품매개성연충과 감염증(Food Mediated Helminths and Its Infection) 3-2-2
801.2821 기회감염성기생충과 감염증(Opportunistic Parasitic Diseases) 3-2-2
801.2822 말라리아학(Malariology) 3-2-2
801.2823 포자충류감염증(Sporozoa and Its Infection) 3-2-2
801.2824 주혈흡충과 감염증(Schistosomiasis) 3-2-2
801.669A 기생충학연습 및 응용(Parasitology Practice and Application) 3-2-2
801.714A 원충감염면역학(Immunological Study on Protozoan Infection) 3-2-2
801.715A 연충감염면역학(Immunological Study on Helminth Infection) 3-2-2
M2941.000100 소외열대질환(Neglected Tropical Disease) 3-3-0
M2941.000200 기생충의 의학적 이용(Medical Use of Parasites) 3-3-0

인문의학전공

(History of Medicine and Medical Humanities Major)

801.2614 의과학연구와 윤리(Biomedical Research and Ethics) 3-3-0
801.2702 생명의료윤리개론(Introduction to Biomedical Ethics) 3-3-0
801.2703 생명의료윤리특강(Topics in Biomedical Ethics) 3-3-0
801.783 의학사특론(Advanced Studies in the History of Medicine) 3-3-0
801.785 근대의학사특론(Advanced Studies in the History of Modern Medicine) 3-3-0
801.786 20세기의학사특론(Advanced Studies in the History of the 20th Century Medicine) 3-3-0
801.788 한국근대의학사특론(Advanced Studies in History of Modern Korean Medicine) 3-3-0
801.804 의료윤리사특론(Advanced Studies in the History of Medical Ethics) 3-3-0
801.805 고대 및 중세의 건강과 질병의 역사특론(Advanced Studies in History of the Health and Diseases - Ancient Times and Middle Ages) 3-3-0
801.806 근대 및 현대의 건강과 질병의 역사특론(Advanced Studies in History of the Health and Diseases - Modern Period) 3-3-0
801.807 병원의 역사특론(Advanced Studies in History of the Hospitals) 3-3-0
801.808 의학사연구세미나(Advanced Seminar in the History of Medicine) 3-3-0
801.809 임상의료윤리(Clinical Ethics) 3-3-0
M1923.000800 의학사연구의 방법과 실제(Medical History: Method and Practice) 3-3-0

법의학전공(Forensic Medicine Major)

801.721 검사방법론(Methods of Postmortem Examination) 3-3-0
801.722 범의부검연습(Practice of Legal Autopsy) 3-3-0
801.723 사망기전론(Mechanism of Death) 3-3-0

801.724 범의외상학(Forensic Traumatology) 3-3-0
801.729 질식사론(Asphyxial Death) 3-3-0
801.732 교통사고사의 검사(Postmortem Examination of Traffic Victims) 3-3-0
801.831 의료법학 1(Medical Laws 1) 3-3-0
801.832 의료법학 2(Medical Laws 2) 3-3-0
801.853 의료분쟁각론 1(Medical Dispute 1) 3-3-0
801.854 의료분쟁각론 2(Medical Dispute 2) 3-3-0
M2943.000100 법과학개론(Introduction to Forensic Science) 3-3-0
M2943.000200 법의학에서의 유전자검사(Forensic DNA Typing) 3-1-4
M2943.000300 범의유전학(Forensic Genetics) 3-3-0
M2943.000400 법과학 DNA 표현형 분석(Forensic DNA Phenotyping) 3-3-0

의료관리학전공(Health Policy and Management Major)

801.2506 의료의 질관리의 이해(Understanding Quality Assurance) 3-3-0
801.2827 의료관리학개량 분석 방법론(Introduction to the Health Econometrics) 3-3-0
801.639 병원관리학개론(Introduction to Hospital Administration) 3-3-0
801.641 의료정책론(Health Policy) 3-3-0
801.647 보건의료경제학(Health Economics) 3-3-0
801.735A 의료보험론(Concepts of the Medical Insurance System) 3-3-0
801.738 지역사회의학세미나(Seminar in Community Medicine) 3-3-0
M0000.012800 건강불평등 측정방법론(Methods in Health Inequalities Measurement) 3-3-0
M1923.000200 건강불평등(Health Inequalities) 3-3-0
M1923.000900 아동건강발달의 이론과 정책(Theories and Policies of Child Health and Development) 3-3-0
M2944.000100 의료관리학개론(Introduction to the Health Policy and Management) 3-3-0
M2944.000200 질병예방과 건강증진(Disease Prevention and Health Promotion) 3-3-0
M2944.000300 의학적 의사결정 강독(Readings in Medical Decision Making) 3-3-0
M2944.000400 제도와 의료(Instiution and Health Care) 3-3-0
M2944.000500 보건의료정책 및 사업평가방법론(Methods for Health Policy and Program Evaluation) 3-3-0
M2944.000600 의료인력론 특강(Topics in Health Care Workforce) 3-3-0

의공학전공(Biomedical Engineering Major)

801.2001 의료정보검색개론(Introduction to Medical Information Retrieval) 3-3-0
801.2057 생체계측공학특강(Topics in Measurements in Biology and Medicine) 3-3-0
801.2058 의료정보시스템특강(Topics in Hospital Information System) 3-3-0
801.2616 임상의료정보학개론(Introduction of Clinical Informatics) 3-3-0
801.2617 의공학개론 2(Introduction of Biomedical Engineering 2) 3-3-0
801.538A 의공학개론 1(Introduction of Biomedical Engineering 1) 3-3-0
801.744A 생물리학(Biophysics) 3-3-0
801.746 생체신호처리론(Biomedical Signal Processing) 3-3-0
801.747 생체시스템시뮬레이션(Biomedical System Simulation) 3-3-0
801.748 인공장기론(Introduction to Artificial Organs) 3-3-0
801.749 생체적합성연구(Research on Biocompatibility) 3-3-0
M2945.000100 의료기기학총론(Understanding Medical Devices) 3-3-0

내과학전공(Internal Medicine Major)

- 802.1001 노인병학(Geriatrics) 3-3-0
- 802.1002 류마티스학(Rheumatology) 3-3-0
- 802.2221 전해질 및 산-염기 대사장애의 이해(Understanding Electrolytes and Acid-Base Disorders) 3-3-0
- 802.2222 조혈모세포이식특강(Topics in Hematopoietic Stem Cell Transplantations) 3-2-2
- 802.2223 혈액학특강(Topics in Hematology) 3-2-2
- 802.503 내분비학특론(Recent Advances in Endocrinology) 3-2-2
- 802.506 감염병학(Infectious Diseases) 3-2-2
- 802.507 신장병학특론(Recent Advances in Nephrology) 3-2-2
- 802.509 알레르기학(Allergology) 3-2-2
- 802.511 순환기병학특론(Recent Advances in Cardiology) 3-2-2
- M0000.012200 호흡기질환의 이해(Understanding of Respiratory Diseases) 3-3-0
- M1923.002800 소화기학논문비평(Critical Reading in Gastroenterology) 3-2-2
- M2946.000100 사구체신염(Glomerulonephritis) 3-3-0

외과학전공(Surgery Major)

- 802.1003A 간이식학개론(Introduction to Liver Transplantation) 2-2-0
- 802.2224 외과종양학에서 유전체데이터분석(Understanding Genomics data in Surgical Oncology) 2-2-0
- 802.3401 최소침습수술개론(Introduction to Minimal Invasive Surgery) 3-3-0
- 802.3501 외과학연구방법개론(Introduction to Research Methodology in Surgery) 2-2-0
- 802.514C 임상이식학개관(Survey of Clinical Transplantation) 2-2-0
- 802.515A 췌장외과학개관(Survey of Surgery of Pancreas) 2-2-0
- 802.518A 외과학원론(Principles of Surgical Science) 2-2-0
- 802.519B 두경부외과학개관(Survey of Head and Neck Surgery) 2-2-0
- 802.520A 외과종양학이해(Understanding Surgical Oncology) 2-2-0
- 802.521A 대장항문병학개관(Survey of Proctology) 2-2-0
- 802.523 소아외과학(Research in Pediatric Surgery) 1-1-0
- 802.525A 담도외과학개관(Survey of Biliary Surgery) 2-2-0
- 802.526A 소화기외과학개관(Survey of Gastroenterological Surgery) 2-2-0
- 802.527A 간외과학개론(Introduction to Hepatic Surgery) 2-2-0
- 802.529 내분비외과학(Endocrine Surgery) 2-2-0
- 802.530C 말초혈관외과학개관(Survey of Peripheral Vascular Surgery) 2-2-0
- 802.886C 이식면역학개관(Survey of Transplantation Immunology) 2-2-0
- 802.887A 혈관질환연구(Studies in Vascular Disease) 2-2-0
- 802.888A 직장항문생리학개론(Introduction of Anorectal Physiology) 2-2-0
- M2947.000100 외과 윤리학 토론(Debates on Surgical Ethics) 3-3-0

산부인과학전공(Obstetrics and Gynecology Major)

- 802.2052 보조생식학(Assisted Reproduction) 3-3-0
- 802.2053 태아의학(Fetal Medicine) 3-3-0
- 802.2225 생식의학(Reproductive Medicine) 3-1-4
- 802.541 여성생식생리학(Recent Advances in Physiology of Female Reproduction) 3-2-2
- 802.542 청장기부인과학(Adolescent Gynecology) 3-2-2
- 802.545 고위험산과학(High Risk Obstetrics) 3-2-2
- 802.546 산부인과유전학(Genetics in Obstetrics and Gynecology)

3-2-2

- 802.548 산부인과초음파학(Ultrasonography in Obstetrics and Gynecology) 3-2-2
- 802.811 비뇨부인과학(Urogynecology) 3-2-2
- 802.812 폐경기학(Menopause) 3-2-2
- 802.813 부인종양분자생물학(Application of Molecular Biologic Techniques in Gynecologic Oncology) 3-2-2
- 소아과학전공(Pediatrics Major)**
- 802.3302 소아중환자학(Pediatric Intensive Care) 3-1-4
- 802.5005 감염병과 백신(Infectious Diseases and Vaccines) 3-3-0
- 802.5006 소아청소년질환과 동반되는 내분비문제(Endocrine Problems in Pediatric Non-Endocrine Disorder) 3-3-0
- 802.557 신생아학(Neonatology) 3-1-4
- 802.559 소아심장학(Pediatric Cardiology) 3-2-2
- 802.560 주산기학(Perinatology) 3-1-4
- 802.561 소아소화기학(Pediatric Gastroenterology) 3-1-4
- M2949.000100 선천성 심장질환의 이해(Understanding Congenital Heart Disease) 3-1-4

정신과학전공(Psychiatry Major)

- 802.3402 뇌과학의 최신지견(Updates in Neuroscience) 3-3-0
- 802.3503 수면의학의 이해(Understanding Sleep Medicine) 3-3-0
- M0000.007700 조현병의 이해(Understanding Schizophrenia) 3-3-0
- M2950.000300 자살의 이해(Understanding Suicide) 3-3-0
- M2950.000400 정신병리학(Psychopathology) 3-3-0
- M2950.000500 소아청소년의 발달과 신경발달장애(Development and Neurodevelopmental Disorders) 3-3-0
- M2950.000600 건강 뇌 노화의 이해(Understanding Healthy Brain Aging) 3-3-0
- M2950.000700 정신 약물영상학 개론(Neuropsychiatric Pharmacoinaging) 3-3-0
- M2950.000800 소아청소년 정신의학 연구(Studies in Child and Adolescent Psychiatry) 3-3-0

피부과학전공(Dermatology Major)

- 802.818 접촉피부염(Contact Dermatitis) 3-3-0
- M0000.010900 구진인설질환(Papulosquamous Disease) 3-3-0
- M2951.000100 피부병리학의 이해(Understanding Dermatopathology) 3-3-0
- M2951.000200 후성유전학과 피부질환(Epigenetics and Skin Diseases) 3-3-0
- M2951.000300 피부종양학(Cutaneous Oncology) 3-3-0
- M2951.000400 피부생물학 실험방법론(Experimental Methodology in Cutaneous Biology) 3-3-0
- M2951.000500 피부면역학(Skin immunology) 3-3-0

정형외과학전공(Orthopedic Surgery Major)

- M2952.000200 역행성 견관절 치환술의 이해와 임상적용(Understanding and Clinical Application of Reverse Total Shoulder Arthroplasty) 3-3-0
- M2952.000300 근골격계 생체재료학(Biomaterials in Musculoskeletal System) 3-3-0
- M2952.000400 상하지의 골절치료와 연부조직 재건(Treatment of Upper and Lower Limb Fractures and Soft Tissue Reconstruction) 3-3-0
- M2952.000500 소아스포츠의학(Pediatric Sports Medicine) 3-3-0
- M2952.000600 정형외과종양학원론(Principles of Orthopedic Oncology) 3-3-0
- M2952.000700 주관절학 연구(Studies on the Elbow Joint) 3-3-0

M2952.000800 골격계유전학(Genetics in Skeletal System) 3-3-0
 M2952.000900 척추변형 연구(Study of Spinal Deformity) 3-3-0
 M2952.001000 족부족관절의 생역학과 질환(Biomechanic and Diseases of the Foot and Ankle) 3-3-0
 M2952.001100 견관절 질환에서의 재생의학(Regenerative Medicine in Shoulder Disorders) 3-3-0
 M2952.001200 근골격계 재생의학(Musculoskeletal regenerative medicine) 3-3-0
 M2952.001300 노인 정형외과학(Orthogeriatrics) 3-3-0

흉부외과학전공(Thoracic Surgery)

802.634A 체외순환법개론(Introduction of Extracorporeal Circulation) 3-1-4
 802.635 혈관외과학연습(Seminar & Practice in Vascular Disease) 3-1-4
 802.992 폐이식술의 연구(Lung Transplantation) 3-1-4
 802.993 심근보호법의 연구(Myocardial Protection) 3-1-4
 M1923.002500 흉강경수술연구(Thoracoscopic Surgery) 3-1-4
 M2953.000100 흉부외과 영역의 기초연구(Basic Research in Cardiothoracic Surgery) 3-1-4
 M2953.000200 선천성 심장 질환 외과학(Surgery for Congenital Heart Disease) 3-1-4
 M2953.000300 흉부외과 수술의 최신 동향(The Latest Trends in Cardiothoracic Surgery) 3-1-4
 M2953.000400 흉부외과 영역의 최소 침습 수술(Minimally Invasive Approach in Cardiothoracic Surgery) 3-1-4
 M2953.000500 폐식도외과학(Pulmonary and Esophageal Surgery) 3-1-4

신경외과학전공(Neurosurgery Major)

802.3608 뇌종양학특론(Neuro-Oncology in Details) 3-3-0
 802.650 뇌혈관외과학(Surgery of the Cerebral Vessels) 3-2-2
 802.652 척수외과학(Surgery of the Spine and the Spinal Cord) 3-2-2
 802.653 신경내분비학(Neuroendocrinology) 3-3-0
 M2954.000100 뇌종양과 4차 산업혁명(Brain Tumor and Fourth Industrial Revolution) 3-3-0

비뇨의학전공(Urology Major)

802.3202 요로감염특강(Topics in Urogenital Tract Infection) 3-3-0
 802.659 요로결석증(Urolithiasis) 3-2-2
 802.660 남성과학(Andrology) 3-2-2
 802.661 폐쇄성요로질환(Obstructive Uropathy) 3-2-2
 802.662 비뇨생식기계의화학요법(Chemotherapy in Genitourinary System) 3-2-2
 M3139.000200 내시경 및 복강경 비뇨의학(Endoscopic and Laparoscopic Urology) 3-2-2
 M3139.000300 비뇨종양학(Urologic Oncology) 3-3-0
 M3139.000400 여성비뇨의학(Female Urology) 3-3-0
 M3139.000500 소아비뇨의학(Pediatric Urology) 3-3-0
 M3139.000600 로봇비뇨의학(Robotics in Urology) 3-2-2
 M3139.000700 하부요로증상 진단의 이해(Understanding Lower Urinary Tract Symptoms) 3-3-0
 M3139.000800 비뇨의학 연구의 최신지견(Recent Advances in Urologic Research) 3-3-0
 M3139.000900 비뇨의학에서의 레이저 응용(Urologic Applications of Lasers) 3-2-2
 M3139.001000 전이 비뇨암의 전신치료(Systemic Therapy for Metastatic Genitourinary Cancer) 3-2-2

이비인후과학전공(Otolaryngology Major)

802.2074 발성의 이해(Understanding Phonation) 3-0-6

802.3514 후각신경생리학(Neurophysiology of Olfaction) 3-1-4
 802.3515 비부비동생리학(Physiology of the Nose and Sinuses) 3-1-4
 802.967 고급청각학(Advanced Audiology) 3-3-0
 M0000.011800 두경부 재건술의 이해(Understanding Head & Neck Reconstruction) 3-3-0
 M0000.012000 코 임상면역학의 기초(The Basics of Clinical Nasal Immunology) 3-3-0
 M2956.000100 두경부종양의 이해(Comprehensive Understanding of Head & Neck Cancer) 3-3-0
 M2956.000200 청각 신경 생리학(Auditory Neurophysiology) 3-3-0

안과학전공(Ophthalmology Major)

802.679 전신병과눈(Systemic Ophthalmology) 3-3-0
 802.688 안광학(Ophthalmic Optics) 3-3-0
 M1923.001100 안구운동장애(Ocular Motility Disorders) 3-3-0
 M1923.001200 안과논문작성의 기초 및 심화(Writing a Ophthalmologic Paper; Basics and Advances) 3-3-0
 *M1923.002600 눈과 혈관신생개론(Introduction to the Ocular Angiogenesis) 3-3-0
 M1956.000100 안과 연구설계와 통계분석법(Research Design and Statistics in Ophthalmology) 3-3-0
 M2957.000100 눈과 부속기의 염증성 질환의 이해(Understanding Ocular Adnexal Inflammatory Diseases) 3-3-0
 M2957.000200 안외상(Ocular Trauma) 3-3-0
 M2957.000300 안질환의 진단(Diagnostics in Ophthalmology) 3-3-0

영상의학전공(Radiology Major)

802.2229A 초급복부영상의학(Basic Abdominal Radiology) 3-3-0
 802.2230A 중급복부영상의학(Intermediate Abdominal Radiology) 3-3-0
 802.2231A 고급복부영상의학(Advanced Abdominal Radiology) 3-3-0
 802.2232A 비뇨생식기계영상의학(Genitourinary Radiology) 3-3-0
 802.2233 뇌의 기능영상연구(Studies in Functional Imaging of the Brain) 3-3-0
 802.2234A 복부영상의학개론(Introduction to Abdominal Radiology) 3-3-0
 802.3311 의학입문자를 위한 우리몸의 구조이해(Understanding Basic Human Anatomy) 3-3-0
 802.5036 소아영상의학(Pediatric Radiology) 3-3-0
 802.5037 종양영상의학(Oncologic Radiology) 3-3-0
 802.5038 인터벤션종양학(Interventional Oncology) 3-3-0
 802.690 최신전산화단층영상학(Recent Advance of Computed Tomography) 3-2-2
 802.754A 영상의학물리학(Diagnostic Radiology Physics) 3-3-0
 802.831A 흉부영상의학(Thoracic Radiology) 3-3-0
 802.835A 근골격영상의학(Musculoskeletal Radiology) 3-3-0
 802.837A 응급영상의학(Emergency Radiology) 3-3-0
 802.838 자기공명분광법개론(Introduction of MR Spectroscopy) 3-3-0
 802.839 자기공명영상학(Magnetic Resonance Imaging) 3-3-0
 802.843 초음파진단학(Ultrasonographic Diagnosis) 3-3-0
 802.844A 중재적영상의학(Interventional Radiology) 3-3-0

마취통증의학전공(Anesthesiology and Pain Medicine Major)

802.1011 뇌신경마취과학(Neuroanesthesiology) 3-2-2
 802.2077 마취과에서 사용되는 공학기술(Technology in Anesthesia) 3-2-2
 802.2239 수술기수혈의학(Perioperative Transfusion Medicine) 3-3-0
 802.2241 마취와 자율신경계 2(Autonomic Nervous System in

802.3109 Anesthesia 2) 3-3-0
폐병태생리연구(Studies in Pulmonary Pathophysiology) 3-3-0
802.3110 급성통증치료학(Acute Pain Treatment) 3-3-0
802.706 응용호흡생리학(Applied Respiratory Physiology) 3-2-2
802.708 중환자관리법(Intensive Care) 3-2-2
802.709 소생법(Resuscitation) 3-2-2
802.714 전신마취과학(General Anesthesia) 3-2-2
802.716 산과마취과학(Obstetric Anesthesia) 3-2-2
802.824 장기이식마취(Anesthesia for Transplantation) 3-2-2
802.825 외래환자마취(Ambulatory Anesthesia) 3-2-2
802.826 통증관리(Pain Management) 3-2-2

성형외과학전공(Plastic Surgery Major)

802.3306 지방유래줄기세포연구(Adipose Cell Derived Stem Cell Research) 3-3-0
802.535 미세수술학(Practice in Microsurgery) 3-1-4
802.982 유방재건술(Breast Reconstruction) 3-2-2
802.983 구순열합동치료(Cooperative Treatment of the Cleft Lip) 3-2-2
802.985 성형외과학분야의 생체공학(Biomechanics in Plastic Surgery) 3-2-2
M2960.000100 피부 및 연조직 종양(Neoplasm of the Skin and Subcutaneous Tissues) 3-3-0
M2960.000200 복합조직 동종이식의 이해(Understanding of Composite Tissue Allotransplantation) 3-3-0
M2960.000300 손의 성형 및 재건(Plastic and Reconstructive Surgery of Hands) 3-3-0
M2960.000400 창상 치유 및 관리(Wound Healing and Management) 3-3-0

방사선종양학전공(Radiation Oncology Major)

802.784 임상방사선물리학(Clinical Radiation Physics) 3-2-2
802.785 방사선생물학특론(세포) 1(Advanced Radiation Biology 1(Cell)) 3-3-0
802.786 방사선생물학특론(거대분자) 2(Advanced Radiation Biology 2(Macromolecule)) 3-3-0
802.788 방사선생물학특론(종양) 4(Advanced Radiation Biology 4(Tumor)) 3-3-0
802.789 방사선방어특론(Topics in Radiation Protection) 3-2-2
802.790 방사선종양학특론(Recent Advanced in Radiation Oncology) 3-3-0
802.793 근접치료법연구(Studies in Brachytherapy) 3-3-0
802.797 두경부방사선종양학(Radiation Oncology of Head and Neck) 3-2-2
802.799 부인과방사선종양학(Gynecologic Radiation Oncology) 3-2-2
802.802 중추신경계방사선종양학(Radiation Oncology of C.N.S.) 3-2-2
M0000.008100 고정밀방사선종양학(High-precision Radiation Oncology) 3-3-0
M0000.008200 소화기방사선종양학(Radiation Oncology of GI) 3-3-0
M2961.000100 유방방사선종양학(Breast Radiation Oncology) 3-3-0
M2961.000200 흉부방사선종양학(Thoracic Radiation Oncology) 3-3-0

검사의학전공(Laboratory Medicine Major)

802.1005 분자진단학1(Molecular Diagnostics 1) 3-3-0
802.3519 혈전지혈학(Thrombosis and Hemostasis) 3-3-0
802.986A 임상화학(Clinical Chemistry) 3-3-0
*M1923.001300 임상미생물학(Clinical Microbiology, Basics and Updates) 3-3-0

M2962.000300 체외진단의료기기 및 체외진단소프트웨어 특강(Topics in IVD Medical Devices and IVD Software) 3-3-0
M2962.000400 성분채집술의 이해(Understanding Apheresis Techniques) 3-3-0
M2962.000500 이식면역과 검사(Laboratory Testing in Transplant Immunology) 3-3-0

재활의학전공(Rehabilitation Medicine Major)

802.5045 근골격계재활개론(Musculoskeletal Rehabilitation) 3-3-0
802.630 소아재활의학(Pediatric Rehabilitation Medicine) 3-2-2
802.780 뇌졸중재활개론(Stroke Rehabilitation) 3-3-0
M0000.012900 심장호흡재활(Cardiopulmonary Rehabilitation) 3-3-0
M2963.000100 척추재활치료개론(Introduction to Rehabilitation of the Spine) 3-3-0
M2963.000200 소아 환자의 근골격계 질환과 합병증 개론(Introduction of Pediatric musculoskeletal diseases and complications) 3-3-0
M2963.000300 척수의학에서 실제적인 이슈(Practical Issues in Spinal Cord Medicine) 3-3-0

핵의학전공(Nuclear Medicine Major)

802.3203 분자핵영상의학(Molecular Nuclear Imaging in Medicine) 3-3-0
802.3615 핵의학치료(Radionuclide Therapy) 3-3-0
802.863 신경핵의학(Nuclear Neurology) 3-3-0
802.864 심장핵의학(Nuclear Cardiology) 3-3-0
802.865 종양핵의학(Nuclear Oncology) 3-3-0
802.866 양전자단층촬영영법(Positron Emission Tomography) 3-3-0
M0000.014500 핵의학연구방법론(Methods of Research in Nuclear Medicine) 3-3-0
M2964.000100 종양핵의학의 분자생물학적 이해(Molecular Biological Understanding of Oncology in Nuclear Medicine) 3-3-0

가정의학전공(Family Medicine Major)

802.3520 일차의료특론(Advanced Primary Care) 3-3-0
802.5029 건강검진의학(Periodic Health Examination) 3-3-0
M0000.012700 일차의료 임상행동의학(Clinical Behavioral Medicine in Primary Care) 3-3-0
M1923.004100 일차의료에서의 NCD(NCD in Primary Care) 3-3-0
M1923.004200 일차의료에서의 글로벌의학(Global Medicine in Primary Care) 3-3-0
M2965.000100 건강기능식품의학개론(Introduction of Health Supplements Medicine) 3-3-0
M2965.000200 인간 마이크로바이옴과 건강(Human Microbiome and Health) 3-3-0
M2965.000300 일차의료와 인구집단건강 이해(Understanding Primary Care and Population Health) 3-3-0

응급의학전공(Emergency Medicine Major)

802.2111 소생의학(Resuscitation) 3-1-4
802.2116 응급의료체계(Emergency Medical Service System) 3-3-0
802.3411 응급중환자의학(Emergency Critical Care Medicine) 3-3-0
802.5013 전문소아응급처치(Advanced Pediatric Emergency Care) 3-2-2
M2966.000100 응급의학연구방법론(Research Methodology in Emergency Medicine) 3-3-0
M2966.000200 융합응급의학(Convergence Research in Emergency

Medicine) 3-3-0	3-3-0
의학교육학전공(Medical Education Major)	802.5051 신경근육질환의 이해(Understanding Neuromuscular Disorders) 3-3-0
801.2401 의학교육의 최신동향(Current Trends in Medical Education) 3-3-0	M1923.001400 중개의학분야에서 R&D개발동향(Understanding R&D in Translational Medicine) 3-3-0
801.2402 의학교육연구방법(Research Methodology in Medical Education) 3-3-0	M1923.001500 중개의학개론(Introduction to Translational Medicine) 3-3-0
801.2801 의료환경에서 효과적인 회의법(Meetings that Work in Medical Situation) 3-3-0	M1923.001700 유전체의학개론(Introduction to Genomic Medicine) 3-3-0
802.5018 임상실습교육방법론(Educational Methodology in Clinical Education) 3-2-2	M1923.004400 수면장애개론(Introduction to Sleep Disorders) 3-3-0
802.5031 의학교육 측정평가 이론(Measurement and Evaluation in Medical Education) 3-3-0	M2822.000300 중개연구를 위한 영장류학개론(Nonhuman Primatology for Translational Research) 3-3-0
802.5032 의학교육과정개발과 평가(Curriculum Development and Evaluation in Medical Education) 3-3-0	M2822.000400 호흡기점막의 선천성 면역기전(Understanding Respiratory Innate Mucosal Immunology) 3-3-0
M2745.000100 미국 근현대 의학교육사(History of American Medical Education) 3-3-0	M2822.000500 의과학에서의 sex, gender 연구(Sex and Gender Aspects in Biomedical Research) 3-3-0
중개의학전공(Translational Medicine Major)	M2022.000600 신경과학에서의 임상연구방법론의 적용 2 (Application of Clinical Research Methodology in Neuroscience Research 2) 3-3-0
802.2001 기초면역학개론(Introduction to Basic Immunology) 3-3-0	M2822.000700 뇌혈관질환의 이해(Understanding Cerebrovascular Diseases) 3-3-0
802.2002 임상면역학개론(Introduction to Clinical Immunology) 3-3-0	M2822.000800 신경과학에서의 임상연구방법론의 적용 1 (Application of Clinical Research Methodology in Neuroscience Research 1) 3-3-0
802.2004 자가면역질환론(Autoimmune Diseases) 3-3-0	M2822.000900 종양면역학(Immuno-Oncology) 3-3-0
802.2099 알레르기학개론(Introduction to Allergology) 3-3-0	M2822.001200 원숭이를 이용한 비임상 신약개발과 안전성 평가(The Nonhuman Primate in Nonclinical Drug Development and Safety Assessment) 3-3-0
802.3524 조직공학과 재생의학원론(Principles of Tissue Engineering and Regenerative Medicine) 3-3-0	M2822.001300 중개의학 연구설계와 정량적분석방법(Research Design and Quantitative Analysis Method in Translational Medicine) 3-3-0
802.3525 조직공학과 재생의학연구를 위한 질환모델동물학 개론(Introduction to the Animal Models for Tissue Engineering and Regenerative Medicine Research) 3-3-0	M2822.001400 뇌염의 이해(Topics in Encephalitis) 3-3-0
802.3413 분자내분비학총론(Introduction to Molecular Endocrinology) 3-3-0	*M2822.001500 척추학(The Spine and Its Disorders) 3-3-0
*802.3414 분자내분비학특강(Topics in Molecular Endocrinology) 3-3-0	융합전공 혁신의과학전공(Innovative Medical Science)
802.3415 내분비질환분자병인총론(Introduction to Molecular Pathogenesis of Endocrine Diseases) 3-3-0	M3314.000100 혁신의과학 총론(Overview of Innovative Medical Science) 3-3-0
802.3416 내분비질환분자병인특강(Topics in Molecular Pathogenesis of Endocrine Diseases) 3-3-0	*M3314.000200* 혁신의과학 세미나(Seminars on Innovative Medical Science) 3-3-0
802.5014 분자 및 중개소아신장학특론(Topics in Molecular and Translational Pediatric Nephrology) 3-3-0	M3314.000300 혁신의과학 데이터사이언스(Data-Science for Innovative Medical Science) 3-3-0
802.5049 소화기질환 분자생물학 실험기법 개론(Introduction to Molecular Biology Techniques for Gastrointestinal and Hepatobiliary Diseases) 3-3-0	M3314.000400 정밀의학 입문(Introduction of Digital Healthcare) 3-3-0
802.3114 조혈모세포이식개론(Introduction to Hematopoietic Stem Cell Transplantation) 3-3-0	M3314.000500 디지털 헬스케어 입문(Introduction of Digital Healthcare) 3-3-0
802.3528 임상시험과 이행성연구(Translational Research in Clinical Trials) 3-3-0	M3314.000600 인공지능의 의료 응용(Medical Application of Artificial Intelligence) 3-3-0
802.3529 분자표적항암제의 기전과 임상적용(Mechanisms and Clinical Applications of Molecular Targeted Agents) 3-3-0	M3314.000700 국제미래혁신의료와 건강관리(Global Future Innovative Medicine and Health Management) 3-3-0
802.3617 노인종양학(Geriatric Oncology) 3-3-0	M3314.000800 맞춤 약물요법 개발과 정밀의학적 적용(Development of Personalized Drug Therapy and Application of Precision Medicine) 3-3-0
802.2017 신경종양학(Neuro-Oncology) 3-3-0	M3314.000900 정량적 시스템 약리학 개론(Introduction to Quantitative Systems Pharmacology) 3-3-0
802.2105 안구운동신경생리학(Neurophysiology of Eye Movements) 3-3-0	M3314.001000 인체유래물 중개 연구(Translational Research Using Human Derived Materials) 3-3-0
M1914.000100 임상뇌파연구(Clinical electroencephalography research) 3-3-0	M3314.001100 항암제 후보물질의 임상개발(Clinical Development of Anticancer Drugs) 3-3-0
802.3118 신경병리학개론(Introduction to Neuropathology) 3-2-2	M3314.001200 유전성암과 암발병 예측(Hereditary Cancer and risk Assessment) 3-3-0
802.3119 신경계종양의 신경병리학(Neuropathology of Nervous System Tumors) 3-3-0	M3314.001300 암 중개연구 총론(Introduction to Translational Research in Cancer) 3-3-0
802.3206 이상운동질환의 이해(Understanding Movement Disorders) 3-3-0	M3314.001400 미래 건강의학: 질병관리와 예방(Future Health Medicine: disease Management and Prevention)
802.5017 소아뇌신경과학(Pediatric Clinical Neuroscience) 3-3-0	
802.5048 노인신경학입문(Introduction of Geriatric Neurology)	

- 3-3-0
- M3314.001500 환경-의료 융합 데이터사이언스 연구방법론(Environmental-Health Convergence Data Science Research Methodology) 3-3-0
- M3314.001600 혁신의과학 산업협력 실습(Industry-University Cooperation Practice in the Innovative Medical Sciences) 3-0-6
- *M3314.001700 혁신의과학 특강(Lecture on Innovative Medical Science) 3-3-0
- M3314.001800 의료기기 규제과학(Regulatory for Medical Devices) 3-3-0
- M3314.001900 의과학자를 위한 의생명 기초코딩(Introduction of Coding for Bioscientists) 3-3-0
- *M3314.002000 혁신의과학논문강독(Readings in Innovative Medical Science) 3-3-0
- M3314.002100 의공학 최신 동향 탐구(Recent trends in Biomedical Engineering) 3-3-0

타학과 학생을 위한 과목

(Courses for Non-major Students)

- 802.901 생리학특론 1(Advanced Physiology 1) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Medicine)

본 대학 학사위원회에서 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

학과내규에 의함.

806. 의과학과(Department of Biomedical Sciences)

- *806.501A* 의과학강독(Readings in Biomedical Sciences) 3-3-0
- *806.503 인체의 구조와 기능(Structure and Function of Human Body) 3-3-0
- *806.505 초급분자세포의과학(Basic Biomedical Molecular Cell Biology) 3-3-0
- *806.506 고급분자세포의과학(Advanced Biomedical Molecular Cell Biology) 3-3-0
- *806.508A 신경계질환의 병인기작 및 약물 개발 전략 (Pathogenic Mechanisms and Drug Development Strategy for Nervous-System Disorders) 3-3-0
- *806.513A 감염면역(Infection and Immunity) 3-3-0
- *806.524A 인체질환과 후성유전체학(Epigenomics in human disease) 3-3-0
- 806.526 생체분자영상개론(Introduction to Molecular Imaging) 3-3-0
- *806.622A 질병발생의 의과학적 이해(Biomedical Basis for Human Diseases) 3-3-0
- *806.623A 종양의학 총론(General Cancer Medicine) 3-3-0
- *806.625 유전체의학(Genomic Medicine) 3-3-0
- *806.630 맞춤형약물요법연구(Personalized Pharmacotherapy Research) 3-3-0
- *806.632 암대사학(Cancer Metabolism) 3-3-0
- *806.633 종양면역(Tumor Immunity & Immunotherapy) 3-3-0
- 806.634 분자생물학통계(Statistics for Biology and Health) 3-3-0
- *806.643 자가면역과 면역관용(Autoimmunity and Immune Tolerance) 3-3-0
- *806.646 인체세포 및 조직배양(Advances in Human Cell and Tissue Culture) 3-3-0
- *806.647 노화와 면역시스템(Aging and the Immune System) 3-3-0
- 806.803 대학원논문연구(Dissertation Research) 3-3-0
- *M1932.000100 심화면역학개론(Advanced Immunology) 3-3-0

- *M1932.000400 면역학의 이해(Introduction to Immunobiology) 3-3-0
- *M1932.000600 인체생리학분자생물학개론(General Physiology and Molecular Human Biology) 3-3-0
- *M1932.000700 선천면역학(Advanced Course of Innate Immunology) 3-3-0
- *M1932.000800 단백질체학(Proteomics) 3-3-0
- *M1932.001000 생체지표중개연구(Designing Translational Research on Biomarkers) 3-3-0
- *M1932.001100 시스템의학개론(Understanding Systems Medicine) 3-3-0
- *M1932.001200 심혈관-대사생리학(Cardiovascular Physiology and Metabolic Regulation) 3-3-0
- *M1932.001300 시냅스특론(Synaptology) 3-3-0
- *M1932.001400 신경과학개론 I(Neuroscience I) 3-3-0
- *M1932.001600 세포영상개론(Introduction to Cell Imaging) 3-3-0
- *M1932.001700 폐쇄성기도질환의 이해(Understanding Obstructive Airway Diseases) 3-3-0
- M1932.001800 전기생리학특론(Advanced Electrophysiology) 3-3-0
- *M1932.001900 신경과학개론 II(Neuroscience II) 3-3-0
- *M1932.002000 암세포 면역회피기전의 이해(Understanding Cancer Immune Evasion) 3-3-0
- *M1932.002100 핵의학분자영상특론I(Advanced Nuclear Medicine and Molecular Imaging) 3-3-0
- *M1932.002600 약작용의 원리(Principles of Drug Action) 3-3-0
- *M1932.002800 이온통로학개론(Introduction to Ion Channels) 3-3-0
- M1932.002900 B세포의 면역기능과 항체형성조절의 이해 (Understanding Immunobiology of B Lymphocytes and Antibody Production) 3-3-0
- M1932.003000 방사선물리학 및 측정학(Radiation Physics and Measurement) 3-3-0
- M1932.003300 자기공명영상(Magnetic Resonance Imaging) 3-3-0
- M1932.003400 시스템의학입문(Introduction to Systems Medicine) 3-3-0
- M1932.003500 핵의학물리특론(Advanced Nuclear Medicine Physics) 3-3-0
- M1932.003600 기초연구를 위한 자기공명분광-이론과 실습(Magnetic Resonance Spectroscopy for Basic Research - Theory and Practice) 3-3-0
- M1932.003700 바이오메디컬이미징특론(Special Issues in Biomedical Imaging) 3-3-0
- M1932.003800 점막면역학(Mucosal Immunology) 3-3-0
- M1932.003900 생체영상시스템(In Vivo Imaging System) 3-3-0
- M1932.004000 진단영상용 방사성의약품 개발(Development of Radiopharmaceuticals for Diagnostic Imaging) 3-3-0
- M1932.004100 맞춤형예방(Personalized Prevention of Cancer) 3-3-0
- M1932.004200 S PECT용 방사성의약품(Radiopharmaceuticals for SPECT) 3-3-0
- M1932.004300 에너지대사와 신경계에 의한 조절(Energy Metabolism and its Neuronal Control) 3-3-0
- M1932.004400 설명가능 의료 인공지능(Explainable Artificial Intelligence in Medicine) 3-3-0
- M1932.004500 세포생리학세미나(Cellular and Medical Physiology Seminar) 3-3-0
- M1932.004600 분자생리학세미나(Molecular Physiology Seminar) 3-3-0
- M1932.004700 항암면역시스템의 이해 및 치료제 개발 (Understanding of Anticancer Immune System and Development of Treatment) 3-3-0

- *M1932.004800 기생충감염증(Human Parasitic Infections) 3-3-0
- M1932.004900 에너지대사와 신경계 특론(Advanced Energy Metabolism and Nervous System) 3-3-0
- *M1932.005000* 우수의과학자세미나(Seminars in Biomedical Science) 3-3-0
- *M1932.005100 고급유전체의학(Advanced Genomic Medicine) 3-3-0
- M1932.005300 세균 생리학 특론(Advances in bacterial physiology) 3-3-0
- M1932.005400 약물요법의 이해(Understanding Pharmacotherapy) 3-3-0
- M1932.005500 세포분해생물학 1(Cellular Degradation Biology 1) 3-3-0
- *M2939.000300 병원 미생물 및 면역학 실험(Experiments in Medical Microbiology and Immunology) 3-0-6
- *M1932.005600 최신 종양연구의 이해(Understanding the recent cancer research) 3-3-0
- M1932.005800 의생명과학연구의 융합적 이해(Convergent Understanding Biomedical Research) 3-3-0

808. 임상외과학과(Department of Clinical Medical Sciences)

- 808.501* 임상외과학총론(Introduction for Clinician-Scientist) 3-3-0
- 808.502* 중개연구의 방법론(Methodology in Translational Research) 3-3-0
- 808.503* 중개연구의 최신동향(Current Trends in Translational Research) 3-3-0
- *808.509* 공공의료정책개론(Introduction to Public Health Policy) 3-3-0
- *808.510* 공공의료정책특론(Public Health Policy) 3-3-0
- 808.607 종양내과학특강(Topics in Medical Oncology) 3-3-0
- 808.609 임상간학특론(Recent Advances in Clinical Hepatology) 3-3-0
- 808.611 전정신경계의 해부 및 생리(Anatomy and Physiology of The Vestibular System) 3-3-0
- 808.613 췌담도질환특강(Topics in Pancreatobiliary Diseases) 3-2-2
- 808.619 피지선관련질환병인론(Pathogenesis of Sebaceous Gland-Related Diseases) 3-3-0
- 808.633 근세포생물학 및 운동의학(Muscle Biology and Exercise Medicine) 3-2-2
- *808.634 임상약리학특강(Topics in Clinical Pharmacology) 3-3-0
- 808.636 임상소화기학(Clinical Gastroenterology and Hepatology) 3-3-0
- 808.803 대학원논문연구(Dissertation Research) 3-3-0
- M1934.000500 임상심장전기생리학(Clinical Cardiac Electrophysiology) 3-3-0
- M1934.000800 근거중심분할방사선치료(Evidence based Fractionation of Radiotherapy) 3-3-0
- M1934.000900 방사선종양학의 최근동향(Recent Development in Radiation Oncology) 3-3-0
- *M1934.001100 이명의 연구(Studies of Tinnitus) 3-3-0
- M1934.001300 방사선종양학 임상연구특론(Clinical Trials in Radiation Oncology) 3-3-0
- M1934.001600 공중보건과 응급의료(Public Health and Emergency Care) 3-3-0
- M1934.001900* 증례로 배우는 알기 쉬운 임상연구방법론(Study Guide for Clinical Research Methodology) 3-3-0
- M1934.002300 정밀방사선치료(Precision Radiotherapy) 3-3-0
- M1934.002800* 질병발생기전에 따른 신약개발전략(Mechanisms

- of Disease and New Drug Development) 3-3-0
- M1934.003000 응급의료정보학(Emergency Medical Informatics) 3-3-0
- M1934.003100 체외진단의 최신동향(Recent Trend of in Vitro Diagnostics) 3-3-0
- M1934.003200 슬관절 인공관절학(Arthroplasty Surgery in the Knee Joint) 3-3-0
- M1934.003300 하지 변형과 보행(Lower Deformity and Gait) 3-3-0
- M1934.003400 중증응급질환에 대한 접근 및 치료(Understanding Emergency Critical Illness) 3-3-0
- M1934.003500 유방재건술특강(Topics in Breast Reconstruction) 3-3-0
- M1934.003600 임상마취과학(Clinical Anesthesia) 3-3-0
- M1934.003700 임상소아신장학(Clinical Pediatric Nephrology) 3-3-0
- M1934.003800 모체태아의학의 태반병리연구(Studies of Placental Pathology in Maternal Fetal Medicine) 3-2-2
- M1934.003900 유전체교정개론(Introduction to Genome Editing) 3-3-0
- M1934.004000 성별특성을 반영하는 의학연구(Biomedical Research Reflecting Sex and Gender Aspects) 3-3-0
- M1934.004100 기능유전체학의 이해(Understanding functional genomics) 3-3-0
- M1934.004200 외과영역의 최적의 치료에 대한 이해(Understanding Optimal Care of Surgery) 3-3-0
- M1934.004300 하부요로기능이상과 요역동학 원론 (Principles in Lower Urinary Tract Dysfunction and Urodynamics) 3-3-0
- M1934.004400 선천면역학 연구방법론 특강(Methodology in innate immunology research) 3-3-0
- M1934.004500 혁신적 심장판막치환술(Innovative heart valve surgery) 3-3-0
- M1934.004600* 질환기전기반 중개연구 동향(Trend in Translational Research based on Disease Pathobiology) 3-3-0
- M1934.004700 의료로봇의 공학적 이해(Understanding Medical Robots: An Engineering Perspective) 3-3-0

**교과목 이수규정
(Departmental Course Requirements)**
학과내규에 의함.

전공 인정과목
의과대학 대학원 의학과, 외과학과, 협동과정*에서 개설하는 모든 교과목>(*협동과정은 2012학년도 입학생부터 인정)

8080. 휴먼시스템의학과(Department of Human Systems Medicine)

- M3291.000300 재난과 질병(Disaster and Disease) 3-3-0
- M3291.000400 재난의료시스템(Disaster Medical Services System) 3-3-0
- M3291.000500 대학원논문연구(Dissertation Research) 3-3-0
- M3291.000600 의학교육학입문(Introduction to Medical Education) 3-3-0
- M3291.000700 의학교육방법론(Methodology in Medical Education) 3-3-0
- M3291.000800 의학교육 프로그램 개발과 평가(Development and Evaluation of Medical Education Program) 3-3-0
- M3291.000900 개념적 정신병리학(Conceptual Psychopathology) 3-3-0
- M3291.001000 진화의학(Evolutionary Medicine) 3-3-0

M3291.001100 임상적 의사결정을 위한 근거합성(Evidence Synthesis for Clinical Decision Making) 3-3-0
M3291.001200 재택의료(Home Based Care) 3-3-0
M3291.001300 공공의료와 지역사회(Public Healthcare in the Community) 3-3-0
M3291.001400 디지털 건강 모니터링을 이용한 지역사회 의료서비스(Community Medical Service with Digital Health Monitoring) 3-3-0
M3291.001500 의료인력 개론(Introduction to Human Resources for Medicine) 3-3-0
M3291.001600 의료환경에서의 집단대화촉진법 개론(Introduction to Group Facilitation in Medical Environment) 3-3-0
M3291.001700 효과적인 환자교육 및 상담방법론(Theories of Effective Patient Education and Counseling) 3-3-0
M3291.001800 대학생 정신건강의 이해(Understanding College Student Mental Health) 3-3-0
M3291.002000 글로벌의학의 이해와 접근전략(Understanding and Strategy of Global Medicine) 3-3-0
M3291.002100 글로벌의학과 인도주의(Humanitarianism in Global Medicine) 3-3-0
M3291.002200 글로벌의학 개론(Introduction to Global Medicine) 3-3-0
M3291.002300 적정과 필수 글로벌의료 기술(Appropriate and Essential Technology in Global Medicine) 3-3-0
M3291.002400 의료기술 평가방법론과 통계적 접근(Methodology for Health Technology Assessment and Statistical Approach) 3-3-0
M3291.002600 혼합적 연구방법을 활용한 사업/정책 평가(Program and Policy Evaluation using Mixed Methods) 3-3-0
M3291.002700 의료 커뮤니케이션의 이해(Understanding medical communication) 3-3-0
M3291.002800 생사와 행복에 대한 통합적 관점(Holistic perspectives on life, death, and happiness) 3-3-0

8081. 의료기기산업학과(Department of Medical Device Development)

M3380.000100* 의료기기를 위한 의학개론(Introduction to Medicine For Medical Device) 3-3-0
M3380.000200 글로벌 의료기기 허가 및 규제 개론(Introduction to Approval and Regulation For Global Medical Device) 3-3-0
M3380.000300 의료기기와 인공지능(Medical Device and AI) 3-3-0
M3380.000400 기술개발 프로젝트(Technical Development Project) 3-3-0
M3380.000500 글로벌 의료기기 기업 경영 이해(Understanding to Medical Device Administration of Enterprise) 3-3-0
M3380.000600 대학원논문연구(Dissertation Research) 3-3-0
M3380.000700* 의료공학개론(Introduction to Medical Engineering) 3-3-0
M3380.000800 의료기기 임상시험 설계(Design of Medical Device Clinical Trials) 3-3-0
M3380.000900 미래 첨단 의료기기 공학(Engineering Principles in Advanced Medical Devices) 3-3-0
M3380.001000 글로벌 의료기기 비즈니스모델 및 사업전략연구(A Study on the Global Medical Device Business and Business Strategy) 3-3-0
M3380.001100 글로벌 의료기기 산업 동향(Global Industrial Trends in Medical Device) 3-3-0
M3380.001200* 임상의료기기총론(Introduction to Clinical Medical Device) 3-3-0
M3380.001300 기획창업 프로젝트(Planning Startup Project) 3-3-0

<치의학대학원 주관>

852. 치의과학과(Department of Dental Science)

공통과목(Core Courses)

- 851.543 치의학특강(Introduction to Dentistry) 3-3-0
- 851.544 분자세포생물학 1(Molecular Cell Biology 1) 3-3-0
- 851.545 분자세포생물학 2(Molecular Cell Biology 2) 3-3-0
- 851.602 치학연구방법론(Methodology of Dental Research) 3-3-0
- 851.606 생물통계학(Biostatistics) 3-3-0
- 851.803 대학원논문연구(Reading and Research) 3-3-0
- 851.906 치의학 연구윤리(Ethics of Dental Research) 3-3-0
- M2188.001300 치의학 실험동물학(Laboratory animal models in Dentistry) 3-3-0
- M2188.001400 일반 및 구강조직학(General and Oral Histology) 3-3-0
- M2188.001500 치과재료의 평가(Evaluation of Dental Materials) 3-3-0
- M2188.001600 신의료기술 규제과학 최신동향(Advanced study of regulatory science for new medical technology) 3-3-0
- M2188.001700 치의과학 연구발표(Research Presentation in Dental Science) 3-3-0

구강악안면 해부 및 영상과학전공

((Head and neck) Anatomy and Imaging Science)

- 851.511 두경부응용해부학(Applied Anatomy of the Head and Neck) 3-3-0
- 851.546A 신경계신호전달(Signal Transduction in the Nervous System) 3-3-0
- 851.710A 치과영역의 중추신경학(Central Nervous System in Dental Fields) 3-3-0
- 851.900 가상치아 삼차원 재형성(Three Dimensional Reconstruction of Virtual Tooth) 3-3-0
- 851.901 신경줄기세포학(Neural Stem Cell Biology) 3-3-0
- 851.902A 기능신경해부학(Functional Neuroanatomy) 3-3-0
- 851.903 응용치아계측학(Applied Tooth Metrology) 3-3-0
- 851.904 응용악안면근육해부학(Applied Head and Neck Muscle Anatomy) 3-3-0
- 851.905 신경재생학(Neural regeneration) 3-3-0
- 851.907 임플란트 해부학(Anatomy for Implant Dentistry) 3-3-0
- 850.512 치과인류학(Dental anthropology) 3-3-0
- 850.514 치아 교합면 패턴 연구(Tooth Occlusal Morphologic Patterns) 3-3-0
- 850.516 얼굴 아름다움의 분석(Analysis of facial beauty) 3-3-0
- 850.517 두개안면부 성장예측(Craniofacial growth prediction) 3-3-0
- 850.518 가상 인체 라이브러리 구축(Virtual human anatomy library) 3-3-0
- 850.519 도해해부학(Illustration anatomy) 3-3-0
- 850.515 치아교합면 예측(Prediction of occlusal morphology) 3-3-0

예방치과학전공(Preventive and Social Dentistry)

- 851.804 기초구강보건통계학(Basic Oral Health Statistics) 3-3-0
- 851.805 고급구강보건통계학(Advanced Oral Health Statistics) 3-3-0
- 851.806 기초구강보건역학(Basic Oral Health Epidemiology) 3-3-0
- 851.807 고급구강보건역학(Advanced Oral Health Epidemiology) 3-3-0
- 851.809 산업구강보건증진학(Industrial Oral Health Promotion)

- 3-3-0
- 851.838 구강보건교육방법론(Oral Health Education Methodology) 3-3-0
- 851.878 학교구강보건증진학(School-Based Oral Health Promotion) 3-3-0
- 851.879 치주예방 및 치주건강증진론(Prevention and Management of Periodontal Disease) 3-3-0
- 851.880 구강암 예방 및 관리론(Prevention and Management of Oral Cancer) 3-3-0
- 851.881 지역사회구강보건사업개발론(Development of Community-Based Oral Health Program) 3-3-0
- 851.882 치과건강보험제도론(Oral Health Care Insurance) 3-3-0
- 851.883 근거중심구강보건정책론(Evidence-Based Oral Health Policy) 3-3-0
- 851.884 구강보건의료형평론(Equity in Oral Health Care) 3-3-0
- 851.885 장애인구강보건증진론(Oral Health Promotion for the Disabilities) 3-3-0
- 851.886 노인구강보건학(Geriatrial Oral Health) 3-3-0
- 852.563 최신 구강병 예방론(Advanced Preventive Dentistry) 3-3-0
- 852.564 임상 구강상병 예방술 개발 및 평가(Development & Evaluation of Clinical Dental Health Prevention) 3-3-0
- 852.566 생애주기별 구강보건관리(Oral Health Care throughout Lifecycle) 3-3-0

치과생체재료과학전공(Dental Biomaterials Science)

- 850.801 심미수복생체재료학(Esthetic Restorative Biomaterials) 3-3-0
- 851.509 치과용결합재(Dental Bonding Materials) 3-3-0
- 851.517 치과용세라믹(Ceramics for Dentistry) 3-3-0
- 851.518A 치과용 골 충전제 및 차폐막(Dental bone fillers and GBR membrane) 3-3-0
- 851.519 치과용폴리머(Polymeric Materials for Dentistry) 3-3-0
- 851.525 치과용기공재료(Laboratory Materials for Dentistry) 3-3-0
- 851.647 예방치과재료(Preventive Dental Materials) 3-3-0
- 851.728 치과용인상재(Dental Impression Materials) 3-3-0
- 851.769 치과생체재료의 생체적합성(Biocompatibility of Dental Biomaterials) 3-3-0
- 851.812A 생체재료의 생물학적 안전성 평가(Biological Safety Evaluation of Biomaterials) 3-3-0
- 851.813 치아재생재료학(Tooth Regenerative Materials) 3-3-0
- 851.815 기능성치과생체재료학(Functional Dental Biomaterial Research) 3-3-0
- M2188.000600 치과재료용 기기분석학 개론(Introduction to Instrumental Analytics for Dental Materials) 3-3-0

세포 및 발생생물학전공

(Cell and Developmental Biology)

- 850.703A 세포신호전달 1(Cellular Signal Transduction 1) 3-3-0
- 851.548 세포생물학특강 1(Topics in Cell Biology 1) 3-3-0
- 851.549 세포생물학특강 2(Topics in Cell Biology 2) 3-3-0
- 851.552 세포신호전달 2(Cellular Signal Transduction 2) 3-3-0
- 851.554 조직생물학특강(Topics in Tissue Biology) 3-3-0
- 851.796A 경조직생물학(Hard Tissue Biology) 3-3-0

신경생물학전공(Neuroscience)

- 851.556 시냅스생리학(Synapse Physiology) 3-3-0
- 851.557 신경생물학원론 1(Principles of Neurobiology 1) 3-3-0

- 851.558 신경생물학원론 2(Principles of Neurobiology 2) 3-3-0
 851.700 인체 생리학 특강(Advanced Human Physiology) 3-3-0
 851.829 신경생리학(Neurophysiology) 3-3-0
 852.591 신경교세포학(Glial Cell Biology) 3-3-0
 852.597 통증학(Pain in Dentistry) 3-3-0
 852.598 통증연구방법론(Methods in Pain Research) 3-3-0
 M2035.001500 고급 신경과학 세미나(Advanced Neuroscience Seminar) 3-3-0
 M2035.001600 통증인지과학(Pain Cognitive Science) 3-3-0
 M2035.002900 신경과학세미나 1(Seminars in Neuroscience 1) 3-3-0
 M2035.003000 신경과학세미나 2(Seminars in Neuroscience 2) 3-3-0
 M2035.001700 고급신경생리학(Advanced Neurophysiology) 3-3-0

치의재생생명공학전공

(Dental Regenerative Biotechnology)

- 851.567 재생치의학특강(Topics in Regenerative Dentistry) 3-3-0
 851.572 줄기세포분화론(Stem Cell Differentiation) 3-3-0
 852.881 치계조직공학(Dental Tissue Engineering) 3-3-0
 M2035.000100 줄기세포자기조직화능의이해(Stem cell Self-organization) 3-3-0
 M2035.000200 물리적스트레스를이용한줄기세포제어기술 (Regulation of Stem cell properties by physical stress) 3-3-0
 M2043.001400 줄기세포 기반 장기재생연구(Stem Cell Derived Organoid) 3-3-0
 M2043.001500 조직재생을 위한 내러티브 엔지니어링(Narrative Engineering of Tissue Regeneration) 3-3-0
 M2188.001800 조직재생 바이오 신소재 이론 및 설계 프로세스(Development process of innovative biomaterial forregenerative medicine) 3-3-0
 M2188.001900 조직공학 재생의학 신소재 상용화 총론(Biomaterials for Tissue engineering and Regenerative medicine) 3-3-0
 M2188.002000 재생치료 약물전달시스템 및 의약바이오 소재(Drug Delivery System for Regenerative medicine) 3-3-0
 M2188.002100 치의재생 치료 신약 및 신개발 의료기기 설계 기초(Basics on design of dental regenerative new drug and medical devices) 3-3-0
 M2188.002200 치의재생 바이오기술 특허분석 및 실무(Intellectual property for dental regenerative medicine and biotechnology) 3-3-0
 M2035.003100 오가노이드 최신지견(Advanced study of organoids) 3-3-0

면역 및 분자미생물학(Immunology and Microbiology)

- 851.627 구강미생물학특론(Advanced Oral Microbiology) 3-3-0
 851.633 미생물의 병원성(Molecular Basis of Microbial Pathogenicity) 3-3-0
 851.636A 기초면역학(Basic Immunology) 3-3-0
 851.739A 심층면역학(Advanced Immunology) 3-3-0
 851.763 분자미생물학(Molecular Microbiology) 3-2-2
 852.694 실험면역학(Experimental Immunology) 3-3-0

의료경영과 정보학전공

(Healthcare Management and Informatics)

- 850.501 전자 의무기록(Electronic Medical Record) 3-3-0
 851.533A 보건의학지식표현(Healthcare Knowledge Representation) 3-3-0

- 852.570 의생명 온톨로지 공학(Biomedical Ontology Engineering) 3-3-0
 852.583 의료용어의 표현(Expressiveness of Healthcare Vocabulary) 3-3-0
 M0000.010500 의생명정보학연구방법론(Research Methods in Biomedical Informatics) 3-3-0
 M2035.001200 치과 경영학의 이해(Understanding Dental Management) 3-3-0
 M2035.001300 임상주의 경영학적 사고(Business Thinking for Doctors) 3-3-0
 M2035.001400 임상의를 위한 고객 심리학(Customer Psychology for Doctors) 3-3-0

분자유전학전공(Molecular Genetics)

- 852.904 분자유전학 개론(Principles of Molecular Genetics) 3-3-0
 852.906 분자유전학특강(Current topics in molecular genetics) 3-3-0
 852.907 인체분자유전학(Human molecular genetics) 3-3-0
 852.911 임상유전학(Clinical genetics) 3-3-0
 852.912 세포유전학 특강(Current topics in Cytogenetics) 3-3-0
 852.913 기능유전학(Functional Genetics) 3-3-0
 852.919 생명공학 개념과 기법(Biotechnology Concepts and Techniques) 3-3-0
 852.893 발생공학실험기법(Methods in developmental biotechnology) 3-3-0
 852.895 발달생물학 특론(Advanced developmental biology) 3-3-0
 852.897 줄기세포생물학(Stem cell biology) 3-3-0
 852.898 줄기세포 실험기법(Methods in stem cell biotechnology) 3-3-0

구강병리학전공(Oral Pathology)

- 851.674 치아경조직의 병리(Pathology of Dental Hard Tissue) 3-3-0
 851.783 구강종양의 세포생물학(Cell Biology of Oral Tumors) 3-3-0
 851.785 종양표지자생물학(Biology of Tumor Markers) 3-3-0
 851.786 분자병리학개요(Introduction to Molecular Pathology) 3-3-0
 851.787 종양기질생물학(Tumor Matrix Biology) 3-3-0
 851.789 병리조직형태분석학(Histomorphometry in Pathology) 3-3-0
 851.793 두경부염증과 창상치유론(Head and Neck Inflammation and Wound Healing) 3-3-0
 M0000.017200 종양분자표적연구(Molecular Target of Cancer) 3-3-0
 M0000.017300 구강암 분자기작 연구(Molecular Mechanisms of Oral Cancer) 3-3-0
 M2035.000600 구강악안면골병리학(Oral and Maxillofacial Bone Pathology) 3-3-0
 M2035.000800 종양모델실험동물학(Experimental animal model for cancer) 3-3-0
 M2035.000900 세포자멸사(Apoptosis) 3-3-0

치과보철학전공(Prosthodontics)

- 852.514A 국소의치학특강(Topics in Partial Denture Prosthodontics) 3-3-0
 852.528 보철생역학연구(Studies in Biomechanics in Prosthodontics) 3-3-0
 852.529 보철수복연구(Studies in Prosthodontic Rehabilitation) 3-3-0
 852.531 고급보철치료계획(Advanced Prosthodontics Treatment Planning) 3-3-0
 852.780 가공의치학특수연구(Special Research in Crown and

852.781	Bridge Prosthodontics) 3-3-0 국소의치학특수연구(Special Research in Partial Denture Prosthodontics) 3-3-0	852.741A	악안면미세수술학(Maxillofacial Microsurgery) 3-3-0
852.782	고급임상보철학(Advanced Clinical Prosthodontics) 3-3-0	852.742A	두개악안면미용외과학(Craniomaxillofacial Cosmetic Surgery) 3-3-0
852.784	치과임플란트보철학(Implant Prosthodontics) 3-3-0	852.796A	상악동외과학(Surgical Management of Maxillary Sinus Pathology) 3-3-0
852.785	특수치과도재학(Advanced Dental Ceramics) 3-3-0	852.797A	악안면분자생물학(Molecular Biology for Maxillofacial Surgeons) 3-3-0
852.787A	악기능교합학(Stomatognathics Function and Occlusion) 3-3-0	852.799A	구강악안면기형학(Congenital Abnormalities in Oral and Maxillofacial Region) 3-3-0
852.860	임플란트보철학(Implant Prosthodontics) 3-3-0	852.800A	구강점막질환론(Diagnosis and Treatment for Oral Mucosal Pathology) 3-3-0
852.866	치과보철학연구방법론(Methodology of Prothodontic Research) 3-3-0	852.801A	악안면응급의학(Diagnosis and Management of Maxillofacial Emergencies) 3-1-4
850.804	CAD/CAM을 이용한 최신 보철 수복(comtemporary prosthetic restorations using CAD/CAM methods) 3-3-0	M2035.001800	구강악안면 종양학(Oral and Maxillofacial Oncology) 3-3-0
850.805	고급 보철수복연구(Advanced studies in prosthetic rehabilitation) 3-3-0	852.851A	두개악안면외상학(Craniomaxillofacial Traumatology) 3-3-0
850.806	최신 치과보철학 연구(Contemporary studies and issues in Dental Prosthodontics) 3-3-0	852.855A	구순구개열기형학(Cleft Lip and Palate) 3-3-0
850.807	고정성치과보철학특강(Topics in fixed prosthodontics) 3-3-0	852.926A	구강암 치료의 분자생물학적 접근(Molecular Biology of Human Oral Cancer and Its Treatment) 3-3-0
850.808	완전구강회복론(Theories of full mouth rehabilitation) 3-3-0	852.927A	악안면 골신장술(Maxillofacial distraction osteogenesis) 3-3-0
850.809	치과보철학 임상 시험 개론(Introduction to clinical trials in prosthodontics) 3-3-0	852.929	얼굴 표정 경영(Facial profile Management) 3-3-0
치과보존학전공(Conservative Dentistry)		M2035.002200	구강악안면 말초신경재생학(Basics and Advances in Peripheral Nerve Regeneration) 3-3-0
851.561	치과용 고분자물성 계측학 입문(Introduction to Instrumentation for Dental Polymer Characterization) 3-2-2	852.932A	코골이수면 무호흡증(Diagnosis and Treatment of Snoring and Sleep Apnea Syndrome) 3-3-0
852.510	치수자극(Pulp Irritant) 3-3-0	852.933A	턱얼굴미용외과학(Maxillofacial Cosmetic Surgery) 3-3-0
852.641	치수질환(Pulp Disease) 3-3-0	M2035.002300	턱관절질환과 안면비대칭의 치료(Diagnosis and Treatment of TMJ Disorder and Facial Asymmetry) 3-3-0
852.642	생활치수보존과 치수반응(Conservation of Pulp Vitality and Pulp Response) 3-3-0	소아치과학전공(Pediatric Dentistry)	
852.644	임상근관치료학실습(Practice in Clinical Endodontics) 3-0-6	852.523	병원치과학(Hospital Dentistry) 3-3-0
852.645	비외과적근관치료(Non-Surgical Endodontics) 3-3-0	852.679	소아의 심리학(Child Psychology) 3-3-0
852.646	외과적근관치료(Surgical Endodontics) 3-3-0	852.716	소아교정학(Orthodontics in Pediatric Dentistry) 3-3-0
852.647	수복물의 유지(Retention of Filling Materials) 3-3-0	852.725	최신소아치과학(Advanced Pediatric Dentistry) 3-3-0
852.710	치근단병인론(Periapical Pathosis) 3-3-0	852.744	소아예방교정학(Preventive Orthodontics in Pediatric Dentistry) 3-3-0
852.711	근관내세균(Microbiology in Endodontics) 3-3-0	852.805	장애아동치과학(Dentistry for Handicapped Child) 3-3-0
852.794	CAD/CAM 수복(CAD/CAM Restoration) 3-3-0	852.806	악안면발육과 치아의 맹출(Maxillofacial Growth and Teeth Eruption) 3-3-0
852.795	상아질-치수복합체생물학(Dentin-Pulp Complex Biology) 3-3-0	852.808	소아치과에서의 불소의 이용(Application of Fluorides in Pediatric Dentistry) 3-3-0
852.847	최신심미수복론(Contemporary Esthetic Restoration) 3-3-0	852.809	소아진정마취학(Sedation in Pediatric Dentistry) 3-3-0
852.848	미세근관치료학(Microscopic Endodontics) 3-3-0	852.810	소아구강외과학(Oral Surgery in Pediatric Dentistry) 3-3-0
852.854	보존적심미수복학(Conservative Esthetic Restoration) 3-3-0	850.872	소아치과학 연구방법론(Methods in Research of Pediatric Dentistry) 3-3-0
850.849	복합레진수복의 생역학(Biomechanics in Composite Restoration) 3-3-0	850.873	소아심미수복학(Pediatric Esthetic Restoration) 3-3-0
구강악안면외과학전공(Oral and Maxillofacial Surgery)		M2035.001000	유치 및 미성숙 영구치의 외상(Traumatic Injuries to Primary and Developing Tooth) 3-3-0
M2035.002100	타액선 외과학(Surgical Management of Salivary Gland Pathology) 3-3-0	M2035.001100	유치 및 미성숙 영구치의 치수치료(Pulp Treatment for Primary Teeth) 3-3-0
M2035.001900	턱관절 기능구조 및 장애론(Functional Anatomy and Disorders of Temporomandibular Joints) 3-3-0	치주과학전공(Periodontology)	
M2035.002000	구강악안면 치성 감염학(Diagnosis and Treatment of Maxillofacial Infections with Odontogenic Origins) 3-3-0	850.895	구강 연조직 이식술(Oral Soft Tissue Grafting Techniques) 3-3-0
M2035.002500	턱교정 외과학(Orthognathic Surgery) 3-3-0	850.896	임플란트주위염(Peri-Implantitis) 3-3-0
852.730A	악안면재건외과학(Maxillofacial Reconstructive Surgery) 3-3-0	852.713	치주조직의 생리학(Biology of Periodontium) 3-3-0
852.735A	보철을 위한 구강악안면외과학(Pre-prosthetic Oral and Maxillofacial Surgery) 3-3-0	852.714	치주조직이식학(Transplantation of Periodontal Tissue) 3-3-0
852.736A	악안면매식학(Maxillofacial Implantology) 3-3-0		

852.812	치주수복보철학(Periodontic-Prosthodontic- Restorative Dentistry) 3-3-0	852.633	악구강근학(Orofacial Myology) 2-2-0
852.816	심미치과매식학(Esthetic Implantology) 3-3-0	852.639	악구강동통기능장애론(Myofascial Pain Dysfunction Syndrome) 2-2-0
852.817	치주조직재생유도술(Guided Tissue Regeneration) 3-3-0	852.691	노인치과학(Geriatric Dentistry) 2-2-0
852.937	치주성형수술(Periodontal plastic surgery) 3-3-0	852.723	두개안면통증론(Craniofacial Pain) 2-2-0
852.938	치과 임플란트 시술을 위한 골유도재생술(Guided bone regeneration in implant dentistry) 3-3-0	852.752	임상법치의학(Clinical Forensic Odontology) 2-2-0
852.939	치주미생물학(Periodontal microbiology) 3-3-0	852.753	근막동통(Myofascial Pain) 2-2-0
852.940	치주과학 연구 기법(Research methods for Periodontology) 3-3-0	852.754	두통 및 안면통(Headache and Facial Pain) 2-2-0
M2035.000500	치주질환의 진단 및 치료의 예후(Diagnosis of Periodontitis and Prognosis of Periodontal Therapy) 3-3-0	852.755	악운동묘사법(Gnathography) 2-2-0
M2035.002800	고급 골재생학론(Advanced theory of bone regeneration) 3-3-0	852.756	개인식별(Individual Identification) 2-2-0
영상치의학전공(Oral and Maxillofacial Radiology)		852.757A	교흔(Bite Marks) 2-2-0
852.547	삼차원영상진단학(Three Dimensional Imaging Diagnosis) 3-3-0	852.758	치과심리학(Psychology in Dentistry) 2-2-0
852.746	구강악안면방사선해부학(Radiographic Anatomy of Oral & Maxillofacial Region) 3-3-0	852.759A	구강연조직 면역학(Oral Soft Tissue Immunology) 2-2-0
852.748	구강악안면방사선학연습(Seminars on Oral & Maxillofacial Radiology) 3-3-0	852.826	타액학(Sialology) 2-2-0
852.750	두경부초음파진단학(Ultrasonography of Head and Neck) 3-3-0	852.827	수면장애와 치의학(Sleep Disorders in Dentistry) 2-2-0
852.818	측두하악관절진단영상학(Diagnostic Imaging of Temporomandibular Joint) 3-3-0	852.828	물리치료학(Physical Therapy) 2-2-0
852.820	타액선진단영상학(Diagnostic Imaging of Salivary Gland) 3-3-0	치과교정학전공(Orthodontics)	
852.821	부비동진단영상학(Diagnostic Imaging of Paranasal Sinuses) 3-3-0	850.964	기능성 교정장치 치료학(Functional Appliance Treatment) 3-3-0
852.823A	디지털영상학개론(Principles of Digital Imaging) 3-3-0	850.965	치과교정학 행동과학(Behavioral Science in Orthodontics) 3-3-0
852.824	임플란트영상학(Implant Imaging) 3-3-0	850.966	치열 발육 연구론(Dentition Development) 3-3-0
852.853	영상물리학(Imaging Physics) 3-3-0	850.967	교정용 미니-임플란트를 이용한 생역학(Biomechanics Using Orthodontic Mini-Implant) 3-3-0
852.862	구강악안면영상진단학(Imaging Diagnosis of Oral and Maxillofacial Region) 3-3-0	851.574	악안면정형학(Dentofacial Orthopedics) 3-3-0
852.551	방사선 보건 물리학(Radiation Health Physics) 3-3-0	852.830A	가철식 교정장치(Removable Orthodontic Appliance) 3-3-0
852.556	구강악안면 감염영상학(Imaging for Oral and Maxillofacial Infection) 3-3-0	852.831A	치과교정학발달사(History of Orthodontics) 3-3-0
852.558	컴퓨터를 이용한 구강진단 및 치료계획(Computer Assisted Oral Diagnosis and Treatment Planning) 3-3-0	852.832	부정교합진단학(Diagnosis of Malocclusion) 3-3-0
M2188.000200	구강악안면영상분석학(Analysis for Oral and Maxillofacial Imaging) 3-3-0	852.836A	두부X선계측 사진학(Roentgenographic Cephalometrics) 3-3-0
M2035.002600	인공지능 치과의료 응용(Application of Artificial Intelligence in Dentistry) 3-3-0	852.837B	부정교합 원인론(Etiology of Malocclusion) 3-3-0
M2035.002700	영상치의학 최신 연구기법(Latest Research Techniques in Imaging Dentistry) 3-3-0	852.839	악안면성장발육론(Maxillofacial Growth and Development) 3-3-0
구강내과진단학전공(Oral Medicine and Oral Diagnosis)		852.840	교정생역학(Orthodontic Biomechanics) 3-3-0
851.563	치과의료행위와 의료문서(Dental Practice and Documents) 2-2-0	852.841	순구개열교정학(Orthodontics for Cleft Lip and Palate) 3-3-0
852.505	구강진단학 및 구강내과학연구(Research of Oral Diagnosis and Oral Medicine) 2-2-0	852.843	교정재료학(Materials in Orthodontics) 3-3-0
852.506	구강진단학 및 치료계획(Oral Diagnosis and Treatment Planning) 2-2-0	852.844	악안면기형교정학(Orthodontics for Maxillofacial Deformity) 3-3-0
852.629	치과응급환자의 진단(Diagnosis of Emergencies in Dental Practice) 2-2-0	852.845	교정심미학(Esthetics in Orthodontics) 3-3-0
852.630	치과진단세포학(Diagnostic Cytology in Dentistry) 2-2-0	852.846	하악운동학(Mandibular Kinesiology) 3-3-0
852.631	구강연조직병소론(Principles of Differential Diagnosis of Oral Soft Tissue Lesions) 2-2-0	M2188.000700	두개악안면기능교합학(Craniofacial Functional Occlusion) 3-3-0
852.632	구강진단을 위한 검사법(Laboratory Aids for Diagnostic Stomatology) 2-2-0	치과마취과학전공(Dental Anesthesiology)	
		851.562	치과 장애인환자 마취관리(Anesthesia for Dental Treatment of Disabled Patients) 3-3-0
		852.765A	마취와 호흡기계(Anesthesia and Respiratory System) 3-3-0
		852.770	마취와 환자감시법(Anesthesia and Patient Monitoring) 3-3-0
		852.775	외래환자마취(Outpatient Anesthesia) 3-3-0
		852.856	진정법(Sedation) 3-3-0
		852.857	통증관리(Pain Control) 3-3-0
		852.858	치과응급처치(Emergencies in the Dental Office) 3-3-0
		852.864	소아치과마취(Pediatric Dental Anesthesia) 3-3-0
		치의학교육학전공(Dental Education)	
		M2035.000400	보건의료 교육학 개론(Introduction to the Education of Health Sciences Professionals) 3-3-0
		M2035.000300	가상현실 및 시뮬레이션 교육(Virtual Reality and

- M2035.000700 Simulation-based Training) 3-3-0
보건의료교육 교육프로그램 평가이론(Theories of Program Evaluation for Health Sciences Education) 3-3-0
- M2188.001000 치의학임상교육 개론(Introduction to Clinical Dental Education) 3-3-0
- M2043.001600 환자중심 커뮤니케이션 교육(Patient Centered Communication) 3-3-0
- M2043.001700 치의학교육학 세미나(Seminar on Dental Education) 3-3-0

교과목 이수규정

(Departmental Course Requirements)

- ① 치의학 전공자는 '851.602 치학연구방법론'을 치의학 비전공자는 다음 다섯 교과목 중 한 과목을 반드시 이수하여야 함. '851.543 치의학특강', 'M2188.001300 치의학 실험동물학', 'M2188.001400 일반 및 구강조직학', 'M2188.001500 치과재료의 평가', '851.807 고급구강보건의학'
- ② 석사과정 2학년 1학기에는 공통과목으로서 '851.606 생물통계학'을 이수할 것을 권장함.
- ③ 석사, 박사 및 석박사통합 과정생은 과정 중 '851.906 치의학 연구윤리'를 이수하여야 함.
- ④ '대학원논문연구'는 석사과정 중 6학점, 박사과정 중 6학점 또는 석·박사 통합과정에서는 12학점을 통산이수학점에 포함함.
- ⑤ 2022학년도 신입생부터 석사, 박사 및 석박사통합과정생은 대학원 공통역량 교과목 중 기초역량 교과목을 최소 3학점 이상 이수하여야 하며, 대학원 공통역량 교과목은 석사, 박사의 경우 최대 6학점, 석박사통합과정생의 경우 최대 9학점 까지 수료학점으로 인정 가능함. (단 851.906 치의학 연구윤리 교과목은 대학원 공통역량 교과목 기초역량 이수학점에 포함하며 연구윤리를 이수한 것으로 인정함.)
- ⑥ 2022학년도부터 기초 전공 신입생은 지정된 핵심 교과목을 치의학대학원 내규에 따라 이수하는 것을 권장 하며 핵심교과목 리스트는 치의학대학원 홈페이지에 공지함.

※ 적용대상: 2022학년도 1학기부터 소급 적용

855. 융합치의학과(Department of Integrated Dentistry)

- M3520.000100 융합치의학개론(Introduction to Integrated Dentistry) 3-3-0
- M3520.000200 치의학 활용 첨단기술세미나 1(Seminars in Cutting Edge Technology applied in Dentistry 1) 3-3-0
- M3520.000300 치의학 활용 첨단기술세미나 2(Seminars in Cutting Edge Technology applied in Dentistry 2) 3-3-0
- M3520.000400 미래치의학 개론(Introduction to Future Dentistry) 3-3-0
- M3520.000500 질환과 구강관련 삶의 질 고찰(Seminar in Diseases and Oral Related Quality of Life) 3-3-0
- M3520.000600 최고위 치의학 세미나(Seminar in Supreme Dental Industry Management) 3-2-2
- M3520.000700 인공지능 치과의료 개론(Introduction to Artificial Intelligence for Digital Dentistry) 3-3-0
- M3520.000800 디지털 덴티스트리 활용(Application of Digital Dentistry) 3-3-0

- M3520.000900 딥러닝 치과의료 응용(Application of Deep Learning in Dentistry) 3-3-0
- M3520.001000 딥러닝 치과의료 실습(Practice of Deep Learning in Dentistry) 3-2-2
- M3520.001100 치과의료 빅데이터 특론(Advanced Theory of Bigdata in Dentistry) 3-3-0
- M3520.001200 치과의료 가상 및 증강 현실 응용(Application of Virtual Reality and Augmented Reality in Dentistry) 3-3-0
- M3520.001300 디지털 치의학 개론(Introduction to Digital Dentistry) 3-3-0
- M3520.001400 디지털 치과의료기기 세미나(Digital Dental Medical Device Seminar) 3-3-0
- M3520.001500 치과보철학의 이해(Understanding of Prosthodontics) 3-3-0
- M3520.001600 임플란트 치의학개론(Introduction to Implant Dentistry) 3-3-0
- M3520.001700 임플란트 치과의료기기 세미나(Implant Dental Medical Device Seminar) 3-3-0
- M3520.001800 지적재산권 개론(Introduction to Intellectual Property) 3-1-4
- M3520.001900 바이오벤처학 개론(Introduction to Bioventures) 3-2-2
- M3520.002000 신소재 조직재생 의료기기 개발 프로세스 (Development Process of Regenerative Medical Device Based on Innovative Biomaterials) 3-3-0
- M3520.002100 의약품 인허가(Drug Approval Process) 3-2-2
- M3520.002200 융복합 의료기기의 생물학적 안전성 평가 (Biological Safety Evaluation of Integrated Medical Devices) 3-3-0
- M3520.002300 의료기기 평가, 표준 및 인허가(Evaluation, Standards and Approval of Medical Devices) 3-3-0
- M3520.002400 융복합 의료기기 임상시험 설계(Clinical Trial Design of Integrated Medical Devices) 3-3-0
- M3520.002500 임상치과생체재료의 적용(Application of Clinical Dental Biomaterials) 3-3-0
- M3520.002600 조직공학 재생의학 신소재 총론(Biomaterials for Tissue Engineering and Regenerative Medicine) 3-3-0
- M3520.002700 임상치과생체재료의 선택 기준(Criteria for Selection of Clinical Dental Biomaterials) 3-3-0
- M3520.002800 임상치과재료의 평가(Evaluation of Dental Materials) 3-3-0
- M3520.002900 공공치과의료정책 개론(Public Dental Health Policy) 3-3-0
- M3520.003000 구강건강 증진 및 질병관리개론(Oral Health Promotion and Disease Control) 3-3-0
- M3520.003100 기술현장 탐방 프로젝트 1(Field Study in Dental Technology 1) 3-1-4
- M3520.003200 기술현장 탐방 프로젝트 2(Field Study in Dental Technology 2) 3-1-4
- M3520.003300 임상치의학입문(Introduction to Clinical Dentistry) 3-3-0

교과목 이수규정

(Departmental Course Requirements)

학과 내규에 의함

<보건대학원 주관>

902.693A 도시건강과 커뮤니티 연구(Urban Health and Community Research) 3-3-0

박사과정(Doctoral Courses)

공통과목(Core Courses)

900.803 대학원논문연구(Reading and Research) 3-3-0
901.742 보건학특론(Advanced Studies in Public Health Sciences) 3-3-0

903. 환경보건학과(Department of Environmental Health Sciences)

901. 보건학과(Department of Public Health Sciences)

보건학전공(Division of Public Health)

901.745 범주형자료분석(Categorical Data Analysis) 1-1-0
M2073.001000 유전체역학1(Genome Epidemiology 1) 3-3-0
901.774 인구학세미나(Seminar in the Study of Human Population) 3-3-0
901.778A 진화, 인구집단 유전학과 건강(Evolution, population genetics and health) 3-3-0
901.779 금연과 건강(Tobacco Control and Health) 3-3-0
902.687 보건사업평가방법론(Evaluation methodology for health promotion program) 3-3-0
902.698 바이오인포매틱스 특강(Topics in Bioinformatics) 3-3-0

901.758A 환경오염물질이동특론(Topics on Fate and Transport of Environmental Pollutants) 1-1-0
901.766A 환경독성학연구(Studies in Environmental Toxicology) 3-3-0
901.769 분자보건미생물학(Molecular Public Health Microbiology) 3-3-0
903.509A 환경영향평가특론(Environmental Impact Assessment) 3-3-0
903.533 작업환경허용기준(Scientific Basis for Occupational Exposure Standards) 2-2-0
903.543 산업안전보건관리(Occupational Health and Safety Management) 3-3-0
903.561 기후변화특론(Topics in Climate Change) 3-3-0
903.563 작업환경 노출평가론(Stratgy and Assessment of Working Environment Exposure) 3-3-0
903.564 노출분석학특론(Advanced Exposure Analysis) 3-3-0
M0000.031100 고급 수질화학 특론(Topics on Advanced Water Chemistry) 3-0-0
903.575 보건대기미생물학특론(Current Topics on Aerobiology and Public Health) 3-3-0
903.577A 국제환경보건(Global environmental health) 3-3-0
M2191.000800 환경 화학물질과 건강(Environmental Chemicals and Human Health) 1-1-0

보건정책관리학전공

(Division of Health Care Management and Policy)

900.540B 보건정치경제학(Political Economy of Health System and Policy) 3-3-0
901.749B 비판건강정책(Critical Health Policy) 3-3-0
901.776 사회이론과 건강(Social Theory of Health) 3-3-0
902.624B 건강증진기획(Health Promotion Program Planning) 1-1-0
902.678 보건의료의 계량경제분석 II(Econometrics in Health Care II) 3-3-0

**교과목 이수규정
(Departmental Course Requirements)**
학과내규로 정함.

<행정대학원 주관>

Administration) 3-3-0

921. 행정학과(Department of Public Administration)

박사과정(Doctoral Courses)

공통과목(Core Courses)

- 920.701 연구방법론(Research Methodology) 3-3-0
- 920.702 질적 연구방법론(Qualitative Research Methods for Social Sciences) 3-3-0
- *920.703 특강(Topics in Public Administration and Policy) 3-3-0
- 920.803 대학원논문연구(Reading and Research) 3-3-0
- M2083.001300 계량분석3(Quantitative Analysis III for Public Administration and Policy) 3-2-2
- M2083.001400 계량분석 4-1: 응용경제 계량분석(Quantitative Analysis IV-1: Applied Econometrics) 3-2-2
- M2083.000800 계량분석 4-2: 계열분석과 공공정책(Quantitative Analysis IV-2: Time Series Analysis and Public Policy) 3-2-2
- M2083.000900 계량분석 4-3: 다변량분석(Quantitative Analysis IV-3: Multivariate Analysis)3-2-2
- M2083.000100 계량분석 4-4: 프로그래밍(Quantitative Analysis IV-4: Programming) 3-2-2

921A. 행정학전공(Public Administration Major)

- 921.707A 행정과 민주주의(Public Administration and Democracy) 3-3-0
- 921.728B 지방행정연구(Local Administration Research) 3-3-0
- 921.742 조직구조연구(Research for Organizational Structure) 3-3-0
- 921.743 조직행태 연구(Research for Organizational Behavior) 3-3-0
- 921.746 예산과정론(Theory of Budgeting Process) 3-3-0
- 921.759A 국가행정론세미나(Seminar in the State, Civil Society, and Public Administration) 3-3-0
- 921.760 행정법제도론(Administrative Law and Legal Policy) 3-3-0
- 921.764A 거버넌스와 공공리더십(Governance and Public Leadership) 3-3-0
- 921.766A 인적자원관리연구(Studies in management of Human Resources) 3-3-0
- 921.769 행정이론과 철학(Theories and Philosophy of Public

- 921.772 환경행정과 지속가능한 발전(Environment and Sustainable Development) 3-3-0
- 921.776 도시공공서비스론(Urban Public Services) 3-3-0
- 921.777 공공관리실증연구(Empirical Research on Public Management) 3-3-0
- M2193.000700 정부회계(Government Accounting) 3-3-0
- M2083.001500 공공성과관리세미나(Public Performance Management) 3-3-0
- M2084.000100 공공안전정책 세미나(A Seminar on Public Safety Policy) 3-3-0

921B. 정책학전공(Public Policy Major)

- 924.724 정책평가연구(Policy Evaluation Research) 3-3-0
- 924.725 정책수단론(Research on Policy Instruments) 3-3-0
- 924.727 게임과 정보이론(Game and Information Theory) 3-3-0
- 924.728 경쟁정책연구(Competition Policy Seminar) 3-3-0
- 924.730 불평등과 공공정책(Inequality and Public Policy) 3-3-0
- 924.733 환경문제와 글로벌 거버넌스(Environmental Issues and Global Governance) 3-3-0
- 924.747 정책과정이론연구(Research for Policy Process Theory) 3-3-0
- 924.748 정책분석연구(Studies in Policy Analysis) 3-3-0
- 924.749 정책과정실증연구(Research for Policy Process) 3-3-0
- 924.761 규제제도연구(Research on the Regulatory Systems and Institutions) 3-3-0
- 924.762 방송통신정책연구(Studies in Communications Policy) 3-3-0
- 924.768 전자정부연구(Studies in E-government) 3-3-0
- 924.769 공공정책의 정치이론(Political Theories of Public Policy) 3-3-0
- M2193.000900 글로벌 공공정책과 국제개발협력(Global Public Policy and International Development Cooperation) 3-3-0

**교과목 이수규정
(Departmental Course Requirements)**

학과내규로 정함.

<환경대학원 주관>

941. 환경계획학과(Department of Environmental Planning)

박사과정(Doctoral Courses)

- 941.696A 정치생태학(Political Ecology) 3-3-0
- 941.706A 비용편익분석(Cost Benefit Analysis) 3-3-0
- 941.710C 부동산시장분석(Real Estate Market Analysis) 3-3-0
- 941.715A 공간구조연구(Studies in Spatial Structure) 3-3-0
- 941.717 교통공학연구(Studies in Traffic Engineering) 3-3-0
- 941.718 교통계획연구(Theory in Transportation Planning) 3-3-0
- 941.721 환경생태연구(Studies in Environmental Ecology) 3-3-0
- 941.726A 도시성장관리(Urban Growth Management) 3-3-0
- 941.731 계획모형연구(Mathematical Models Building in Planning) 3-3-0
- 941.735 대기관리모형연구(Air Quality Modeling) 3-3-0

- 941.741 교통경제학연구(Studies in Transportation Economics) 3-3-0
- M0000.006900 유해화학물질 환경동태모형(Fate and Transport Modeling for Assessing Exposure to Chemicals in the Environment) 3-3-0
- 941.746B 도시컴퓨팅(Urban Computing) 3-3-0
- 941.748 도시·지역경제연구(Studies in Urban and Regional Economics) 3-3-0
- 941.749A 공간의 문화사회학(Cultural Sociology of Space) 3-3-0
- 941.750 생지화학(Biogeochemistry) 3-3-0
- 941.751 지속가능한 에너지 정책과 계획(Sustainable Energy Policy and Planning) 3-3-0
- M2097.002500 인공지능과 도시계획 및 설계 2(Artificial Intelligence in Urban Planning and Design 2) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Environmental Planning)

환경대학원 환경계획학과 과목 이수규정 참조

<인문대학 주관>

**131. 협동과정 서양고전학전공
(Program in Classical Studies)**

- *131.501 고전문헌학개론(Introduction to Classical Philology) 3-3-0
- *131.503A 그리스문체연습(Studies in Greek Stylistics) 3-3-0
- *131.505A 고전그리스문헌강독 1(Readings in Classical Greek Texts 1) 3-3-0
- *131.506A 고전그리스문헌강독 2(Readings in Classical Greek Texts 2) 3-3-0
- *131.507 고전라틴문헌강독 1(Readings in Classical Latin Texts 1) 3-3-0
- *131.508 고전라틴문헌강독 2(Readings in Classical Latin Texts 2) 3-3-0
- *131.509A 고전그리스문헌연구 1(Studies in Classical Greek Texts 1) 3-3-0
- *131.510A 고전그리스문헌연구 2(Studies in Classical Greek Texts 2) 3-3-0
- *131.511 고전라틴문헌연구 1(Studies in Classical Latin Texts 1) 3-3-0
- *131.512 고전라틴문헌연구 2(Studies in Classical Latin Texts 2) 3-3-0
- *131.513 고전문학이론강독(Readings in Theories of Classical Literature) 3-3-0
- *131.516A 고전그리스문학연습 1(Seminar in Classical Greek Literature 1) 3-3-0
- *131.517A 고전그리스문학연습 2(Seminar in Classical Greek Literature 2) 3-3-0
- *131.518 고전라틴문학연습 1(Seminar in Classical Latin Literature 1) 3-3-0
- *131.519 고전라틴문학연습 2(Seminar in Classical Latin Literature 2) 3-3-0
- *131.520A 고전그리스산문선독 1(Selected Readings in Classical Greek Prose 1) 3-3-0
- *131.521A 고전그리스산문선독 2(Selected Readings in Classical Greek Prose 2) 3-3-0
- *131.522 고전라틴산문선독 1(Selected Readings in Classical Latin Prose 1) 3-3-0
- *131.523 고전라틴산문선독 2(Selected Readings in Classical Latin Prose 2) 3-3-0
- *131.524 고전문학비평연습 1(Seminar in Classical Literary Criticism 1) 3-3-0
- *131.525 고전문학비평연습 2(Seminar in Classical Literary Criticism 2) 3-3-0
- 131.526 고전문학과 근대문학 1(Classical Literature and Modern Literature 1) 3-3-0
- 131.527 고전문학과 근대문학 2(Classical Literature and Modern Literature 2) 3-3-0
- *131.528 라틴문체연습(Studies in Latin Stylistics) 3-3-0
- *131.529 고전문학이론연구(Studies in Ancient Literary Criticism) 3-3-0
- 131.803 대학원논문연구(Reading and Research) 3-3-0

**과목 이수규정
(Course Requirements)**
협동과정 내규에 의함.

**132. 협동과정 인지과학전공
(Program in Cognitive Science)**

- *132.502 인지과학방법론(Methodology in Cognitive Science) 3-3-0

- *132.504 인지과학연습 1(Seminar in Cognitive Science 1) 3-3-0
- 132.505 인지과학제문제(Issues in Cognitive Science) 3-3-0
- 132.510 논리철학과 인지과학연구(Studies in Philosophy of Logic and Cognitive Science) 3-3-0
- 132.511 과학철학과 인지과학연구(Studies in Philosophy of Science and Cognitive Science) 3-3-0
- 132.520 통사-의미구조와 인지(Syntactic and Semantic Structure and Cognition) 3-3-0
- 132.530 정보처리연구(Studies in Information Processing) 3-3-0
- 132.531 인지과정의 모델링(Modeling of Cognitive Processes) 3-3-0
- *132.540 신경과학과 두뇌연구 1(Studies in Neuroscience and Brain 1) 3-3-0
- 132.541 인지신경과학연습 (Seminar in Cognitive Neuroscience) 3-3-0
- 132.550 지식표현과 추론과정연구(Studies in Knowledge Representation and Reasoning Process) 3-3-0
- 132.551 계산학적지능모델(Computational Models of Intelligence) 3-2-2
- 132.560 자연언어처리연구(Studies in Natural Language Processing) 3-3-0
- *132.600 인지과학연습 2(Seminar in Cognitive Science 2) 3-3-0
- *132.601 인지과학응용연습(Seminar in Application of Cognitive Science) 3-3-0
- 132.611 심리철학과 인지과학연구(Studies in Philosophy of Mind and Cognitive Science) 3-3-0
- 132.620 언어구조와 인지(Language Structure and Cognition) 3-3-0
- 132.630 인지심리학연습(Seminar in Cognitive Psychology) 3-3-0
- *132.631 인지과학실험설계 및 통계분석(Seminar in Experimental Design and Statistical Analysis) 3-2-2
- 132.640 신경과학과 두뇌연구 2(Studies in Neuroscience and Brain 2) 3-3-0
- 132.641 인지장애 연구(Studies in Cognitive Dysfunction) 3-3-0
- 132.642 기능적뇌영상법실습(Experiments in Functional Neuroimaging) 3-0-6
- 132.650 인공지능과 인지과정연구(Studies in Artificial Intelligence and Cognitive Process) 3-3-0
- 132.803 대학원논문연구(Reading and Research) 3-3-0

**과목 이수규정
(Course Requirements)**
협동과정 내규에 의함.

**133. 협동과정 비교문학전공
(Program in Comparative Literature)**

- 133.501 비교문학연구방법(Research Methods in Comparative Literature) 3-3-0
- *133.502 문학일반이론(General Theories of Literature) 3-3-0
- 133.503 번역의 이론과 실제(Theory and Practice of Translation) 3-3-0
- 133.504 문체론(Stylistics) 3-3-0
- *133.505 동서비교문학(Comparative Studies in Asian and Western Literature) 3-3-0
- *133.506 동양비교문학(Comparative Studies in Asian Literature) 3-3-0
- *133.508 제3세계비교문학(Comparative Studies in the Third World Literature) 3-3-0

- *133.509 문학과 인접예술(Literature and Other Arts) 3-3-0
- *M1282.000100 비교문학주제연구(Studies in Comparative Literature) 3-3-0
- *133.511 비교문학특강 1(Topics in Comparative Literature 1) 3-3-0
- *133.512 비교문학특강 2(Topics in Comparative Literature 2) 3-3-0
- *133.602 문학사조비교연구(Comparative Studies in the History of Literary Ideas) 3-3-0
- *133.603 문학갈래비교연구(Comparative Studies in Literary Genres) 3-3-0
- *133.605 비교문학연습 1(Seminar in Comparative Literature 1) 3-3-0
- *133.606 비교문학연습 2(Seminar in Comparative Literature 2) 3-3-0
- 133.803 대학원논문연구(Dissertation Research) 3-3-0

과목 이수규정
(Course Requirements)
협동과정 내규에 의함.

135. 협동과정 공연예술학전공
(Program in Performing Arts Studies)

- *135.501 동양연극이론의 역사(History of Performing Arts Theories in Asia) 3-3-0
- *135.502 서양연극이론의 역사(History of Performing Arts Theories in Europe) 3-3-0
- 135.503 한국전통연희연구(Studies in Korean Traditional Theatrical Arts) 3-3-0
- 135.504 한국현대극연구(Studies in Modern Korean Theatre) 3-3-0
- 135.505 공연예술미학(Aesthetics of Performing Arts) 3-3-0
- *135.506 공연예술학연습(Seminar Performing Arts) 3-3-0
- 135.508 공연예술사회학(Sociological Studies in Performing Arts) 3-3-0
- *135.509 현대공연예술특수연구(Special Studies in Modern Performing Arts) 3-3-0
- *135.510 비교공연예술학연구(Comparative Studies in Performing Arts) 3-3-0
- 135.602A 매체공연예술론(Studies in Media Performing Arts) 3-3-0
- 135.603 공연예술비평론(Performing Arts Criticism) 3-3-0
- 135.609 음악극연구(Studies in Music Dramas) 3-3-0
- 135.610 무용극연구(Studies in Dance Theatre) 3-3-0
- 135.611 공연예술제작연습(Seminar in Producing Performing Arts) 3-3-0
- M1284.000100 중국연극이론의 역사(History of Performing Arts Theories in China) 3-3-0
- M1284.000200 일본연극이론의 역사(History of Performing Arts

- Theories in Japan) 3-3-0
- 135.803 대학원논문연구(Dissertation Research) 3-3-0

과목 이수규정
(Course Requirements)
협동과정 내규에 의함.

137. 협동과정 기록학전공
(Program in Archival Studies)

- M2169.004900 기록학연구방법론(Research Methods in Archival Studies) 3-3-0
- *134.515A 기록학특강(Topics in Archival Science) 3-3-0
- *M2919.000100 기록학실습(Archival Management Practice) 3-2-2
- *M2919.000200 한국 기록관리의 역사(History of Archival Management in Korea) 3-3-0
- *M2919.001000 전자기록특강(Topics in Electronic Records) 3-3-0
- M2919.001100 기록물 메타데이터(Metadata in Archival Resources) 3-3-0
- *M2919.001300 민간기록류특강(Topics in Private Records) 3-3-0
- M2920.000100 기록관리법령연구(Studies in Legal System Related to Records and Archives) 3-3-0
- M2920.000200 기록관 운영(Managing Archival and Manuscript Repositories) 3-3-0
- M2920.000300 수집·평가론(Theories of Acquisition and Appraisal) 3-3-0
- M2920.000400 정리와 기술(Arrangement and Description) 3-3-0
- M2920.000500 보존처리론(Theories of Preservation Processing) 3-3-0
- *M2920.000600 국외 기록관리의 역사(History of Archival Management in Foreign Country) 3-3-0
- *M2920.000700 고문서 연구(Studies in Manuscripts) 3-3-0
- *M2920.000800 근현대기록 연구(Studies in the Modern and Contemporary Archives) 3-3-0
- M2920.000900 전자정부론(Theories of e-Government) 3-3-0
- M2920.001000 전자기록관리론(Theories of Archival Computing Management) 3-3-0
- M2920.001100 기록정보서비스론(Theories of providing Reference Services for Archives) 3-3-0
- *M2920.001200 조선시대 기록 연구(Studies in Archives of the Joseon Dynasty) 3-3-0
- 134.601 대학원논문연구(Dissertation Research) 3-3-0

과목 이수규정
(Course Requirements)
협동과정 내규에 의함.

<사회과학대학 주관>

**213. 협동과정 여성학전공
(Program in Gender Studies)**

- 213.502 페미니즘이론연구(Theories in Gender Studies) 3-3-0
- 213.505 여성사연구(Studies in History of Women) 3-3-0
- 213.506 여성운동연구(Studies in Women's Movements) 3-3-0
- 213.507 성과 계급(Gender and Class) 3-3-0
- 213.508 성과 가족(Gender and Family) 3-3-0
- 213.511 여성주의문화이론(Feminist Theories on Culture) 3-3-0
- 213.513 여성학연구방법 1 : 양적연구방법(Research Methods in Gender Studies 1 : Quantitative Methods) 3-3-0
- 213.514 여성학연구방법 2 : 질적연구방법(Research Methods in Gender Studies 2 : Qualitative Methods) 3-3-0
- 213.515 페미니즘 사상사(History of Feminist Thought) 3-3-0
- M1316.000500 젠더정책과 국가(Gender Policy and Modern State) 3-3-0
- *213.602 성과 법(Gender and Law) 3-3-0
- 213.609A 여성과 문학(Women and Literature) 3-3-0
- 213.614A 젠더, 경제, 노동(Gender, Economy and Labor) 3-3-0
- *213.618 여성주의 문화연구(Studies in Feminist Cultures) 3-3-0
- 213.620 남성성과 젠더(Masculinity and Gender) 3-3-0
- 213.621 페미니즘 이론 심화 연구(Advanced Studies in Feminist Theories) 3-3-0
- 213.622 성평등 교육의 이론과 실천(Theories and practice in Feminist Education) 3-3-0
- 213.803 대학원논문연구(Dissertation Research) 3-3-0
- *M1316.000200 섹슈얼리티 연구(Feminist Studies on Sexuality) 3-3-0
- *M1316.000300 여성학 특강I(Special Topics in Gender StudiesI) 3-3-0

- *M1316.000100 여성학 특강II(Special Topics in Gender StudiesII) 3-3-0
- M1316.000400 여성학핵심연구(Intensive Seminar in Gender Studies) 3-3-0
- M0000.028900 디지털 미디어와 페미니즘(Digital Media and Feminism) 3-3-0

**과목 이수규정
(Course Requirements)**
협동과정 내규에 의함.

**214. 평화통일학전공
(Program in Peace and Unification Studies)**

- *M2170.005100 평화 연구(Peace Studies) 3-3-0
- M2170.005300 북한사회 연구(Studies of North Korea Society) 3-3-0
- M2170.005500 인권 연구(Topics in Human Rights) 3-3-0
- M2170.005600 핵확산/비확산 연구(Nuclear Proliferation/Non-proliferation) 3-3-0
- M2170.005700 인구 변동과 사회 갈등(Demographic Changes and Social Conflict) 3-3-0
- M2170.005800 탈북자 연구(Studies on North Korean Defectors) 3-3-0
- M3226.000100 평화·통일학 연습(Seminar in Peace and Unification Studies) 3-3-0
- *M3226.000200 통일학 연구의 쟁점과 과제(Issues and Challenges on Unification Studies) 3-3-0
- M3226.000300 탈공산 이행 경험과 북한(Post-Communist Transitions and North Korea) 3-3-0
- M3227.000100 대학원논문연구(Reading and researchh) 3-3-0

**과목 이수규정
(Course Requirements)**
협동과정 내규에 의함.

<자연과학대학 주관>

**322. 협동과정 유전공학전공
(Program in Genetic Engineering)**

- *322.511 유전공학특론 1(Advanced Genetic Engineering 1) 3-3-0
- *322.512 유전공학특론 2(Advanced Genetic Engineering 2) 3-3-0
- 322.518 유전공학콜로키움 1(Colloquium in Genetic Engineering 1) 2-2-0
- 322.519 유전공학콜로키움 2(Colloquium in Genetic Engineering 2) 2-2-0
- *322.520 유전공학특론 3(Advanced Genetic Engineering 3) 3-3-0
- *322.523 유전공학특론 4(Advanced Genetic Engineering 4) 3-3-0
- 322.526 대사성질환의 이해(Understanding Metabolic Disease) 3-3-0
- 322.527 의생명과학연구방법론(Methodology in Medical Bioscience) 3-3-0
- 322.529A 면역세포분화론특강(Topics in Immune Cell Differentiation) 3-3-0
- 322.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Program in Genetics Engineering)
서울대학교 대학원과정 과목 중 지도교수가 추천하고 전공주임교수의 승인을 얻은 과목

과목 이수규정

(Course Requirements)

전공 필수과목인 '322.511 유전공학특론 1', '322.512 유전공학특론 2' 과목은 반드시 수강해야 한다.

3391. 협동과정 뇌과학전공(Program in Neuroscience)

- 3391.502 세포신경생리학(Cellular Neurophysiology) 3-3-0
- 3391.503 분자신경생물학(Molecular Neurobiology) 3-3-0
- 3391.506 컴퓨터신경과학(Computational Neuroscience) 3-3-0
- 3391.507 신경과학의 원리 1(Principles of Neuroscience 1) 3-3-0
- 3391.508 신경과학의 원리 2(Principles of Neuroscience 2) 3-3-0
- 3391.601A 뇌과학세미나 1(Seminars 1 in Neuroscience) 2-2-0
- 3391.602A 뇌과학세미나 2(Seminars 2 in Neuroscience) 2-2-0
- M1427.000200 뇌과학방법론 1(Methods in Brain Science 1) 3-3-0
- M1427.000100 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Program in Neuroscience)
서울대학교 대학원과정 과목 중 지도교수의 추천에 의하여 협동과정 뇌과학 전공주임이 인정하는 과목

과목 이수규정

(Course Requirements)

- ① '3391.507 신경과학의 원리 1'은 필수과목으로 반드시 수강해야 하며, 기타 '3391.508 신경과학의 원리 2', '3391.502 세포신경생리학', '3391.503 분자신경생물학', '3391.701 신경해부학', '3391.506 컴퓨터 신경과학' 등 5개 과목 중 1개 과목을 선택하여 수강해야 한다.
- ② 자연과학대학을 포함한 기타 여러 단과대학에서 개설되는 신경과학 관련 과목을 전공선택과목으로 인정한다.
- ③ 기타 사항은 협동과정 뇌과학전공 내규에 의함.

**3393. 협동과정 생물정보학전공
(Program in Bioinformatics)**

- 3393.501A 생물정보학 및 실습 1(Bioinformatics and Practice 1) 5-3-4
- 3393.502A 생물정보학 및 실습 2(Bioinformatics and Practice 2) 4-3-2
- *3393.506 생물정보학세미나(Seminars in Bioinformatics) 1-1-0
- *3393.508 생물정보학특론 1(Advanced Bioinformatics 1) 3-3-0
- 3393.510 생물정보학 및 실습 3(Bioinformatics and Practice 3) 4-3-2
- 3393.602 단백질구조분석(Analysis of Protein Structure) 3-3-0
- 3393.607 생물정보통계학(Statistics for Bioinformatics) 3-3-0
- 3393.705 바이오칩정보학(Integrative Biochip Informatics) 3-3-0
- M1429.000100 생물정보학을 위한 IT 기초(IT Fundamentals for Bioinformatics) 3-3-0
- M1429.000300 다중오믹스-보건 자료 통합 분석 방법론Integrative Analysis Methods with Multi-Omics and Public Health Data) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Program in Bioinformatics)

본 협동과정에서 신설하는 과목과 참여교수 해당학부 혹은 학과에 개설되어 있는 과목 중 전공지도교수의 추천에 의하여 전공주임이 인정하는 과목으로 내규에 정한 과목들로 한다.

과목 이수규정

(Course Requirements)

- ① 전공필수과목인 '3393.501 생물정보학 및 실습 1', '3393.502 생물정보학 및 실습 2'와 '3393.510 생물정보학 및 실습 3'을 전공필수과목으로 전부 이수한 후 본 협동과정에서 개설한 과목 중에서 논문연구과목을 제외하고 10학점 이상을 필수로 이수하여야 한다.
- ② 필요한 경우 지도교수의 추천에 의해 전공주임은 본교 학부과정 개설과목 중 선수과목 지정할 수 있다. (학부과정개설 과목은 한 학기 3학점 초과 또는 석사과정 중 6학점을 초과하는 학점에 대하여는 인정하지 않는다)
- ③ '3393.506 생물정보학 세미나', '3393.508 생물정보학 특론 1'와 '3393.509 생물정보학 특론 2'는 이군교과목입니다. 부재목이 상이한 경우에는 과목이수 및 학점처리에 있어 별개의 과목으로 중복이수가 가능하다.

3394. 협동과정 계산과학전공

(Program in Computational Science and Technology)

- 3394.503 과학적 병렬계산(Parallel Scientific Computation) 3-3-0
- 3394.504 과학계산모델링(Scientific Computational Modeling) 3-3-0
- 3394.505 계산과학 자료구조론 및 알고리즘(Data Structure & Algorithm for Scientific Computation) 3-3-0
- 3394.506 고급수치선형대수(Advanced Matrix Computation) 3-3-0
- 3394.508 편미분방정식의 수치해법(Numerical Methods for Partial Differential Equations) 3-3-0
- 3394.509 고급과학계산특강 1(Topics in Advanced Scientific Computation 1) 3-3-0
- 3394.513 고급계산모델링특강 1(Topics in Advanced Computational Modeling 1) 3-3-0
- 3394.514 고급계산모델링특강 2(Topics in Advanced Computational Modeling 2) 3-3-0

M1430.002300 과학계산 프로그래밍(Scientific Computing Programming) 3-3-0
 M1430.002400 사회문제해결형 계산과학(Computational Sciences for Societal Problems) 3-3-0
 3394.803 대학원논문연구(Dissertation Research) 3-3-0

전공선택 인정과목
 (Credited as Major Elective for Program in Computational Science and Technology)
 서울대학교 대학원과정 과목 중 지도교수가 추천하고 전공주임교수의 승인을 얻은 과목

과목 이수규정
 (Course Requirements)
 학과내규로 정함.

3396. 협동과정 생물물리 및 화학생물학전공
(Program in Biophysics and Chemical Biology)

*M1430.000100 물리생물학(Physical Biology) 3-3-0
 M1430.001500 BPCB 세미나 I(BPCB seminar I) 2-0-4

M1430.001600 BPCB 세미나 II(BPCB seminar II) 2-0-4
 M1430.001700 BPCB 세미나 III(BPCB seminar III) 2-0-4
 M1430.001800 BPCB 세미나 IV(BPCB seminar IV) 2-0-4
 *M1430.002000 화학생물학 특강(Special topics in chemical biology) 2-2-0
 *M1430.002100 BPCB 특수연구(Special research of biophysics and chemical biology) 3-3-0

전공선택 인정과목
 (Credited as Major Elective for Dept. of Biological Sciences)
 본교 대학원에서 제공하는 모든 과목 중 학과장이 인정하는 과목

교과목 이수규정
 (Departmental Course Requirements)

- ① 본 학과가 제공하는 과목 중 세미나 및 특수연구 과목 중 석사는 2과목, 박사는 4과목; 강의 과목 중 석사는 2과목, 박사는 3과목 이상을 필히 수강하여야 한다.
- ② 자연과학대학 및 대학원을 포함하여 본교 학부 및 대학원에서 제공하는 물리학, 화학 및 생명과학 관련 과목 중에서 석사는 12학점까지, 박사는 18학점까지 인정한다. 단, 박사과정에 대해서는 석사과정에서 이수한 핵심과목을 인정함.
- ③ 기타 세부이수는 내규로 정한다.

<공과대학 주관>

450. 협동과정 우주시스템전공
(Interdisciplinary Program in Space Systems)

- M2795.009400 위성 시스템 특강(Topics in Satellite System) 3-3-0
- M2795.009500 발사체 시스템 특강(Topics in Launch System) 3-3-0
- M2795.010200 우주시스템 공학 실험(Space System Engineering Lab.) 3-1-4
- M2795.010400 우주비행체 설계 및 실습(Spacecraft Design) 3-1-4
- M3152.000100 대학원논문연구(Dissertation Research) 3-3-0
- M3152.000200 인공위성자료의 이해와 활용(Understanding and Application of Satellite Data) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Interdisciplinary Program in Space Systems)

협동과정 내규에 의함.

과목 이수규정(Course Requirements)

협동과정 내규에 의함.

453. 협동과정 도시설계학전공
(Program in Urban Design)

- 453.501 도시설계스튜디오 1(Urban Design Studio 1) 4-4-0
- 453.502 도시설계스튜디오 2(Urban Design Studio 2) 4-4-0
- 453.503 도시설계스튜디오 3(Urban Design Studio 3) 4-4-0
- 453.504 도시설계세미나 1(Urban Design Seminar 1) 2-2-0
- 453.505 도시설계세미나 2(Urban Design Seminar 2) 2-2-0
- 453.506 도시설계세미나 3(Urban Design Seminar 3) 2-2-0
- 453.507 도시설계론(Introduction to Urban Design) 3-3-0
- 453.508 도시형태론(Theory of Urban Form) 3-3-0
- 453.510 환경디자인론(Environmental Design) 3-3-0
- 453.516 도시건축연구방법론(Research Methods in Architecture and Urbanism) 3-3-0
- 453.517 도시설계스튜디오 4(Urban Design Studio 4) 4-2-4
- 453.518 경관계획과 설계(Scenic Landscape Planning and Design) 3-2-2
- 453.803 대학원논문연구(Reading and Research) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Interdisciplinary Program in Urban Design)

협동과정 내규에 의함.

과목 이수규정(Course Requirements)

협동과정 내규에 의함.

454. 협동과정 인공지능전공
(Program in Artificial Intelligence)

- M3309.000100 인공지능의 원리(Principles of Artificial Intelligence) 3-3-0
- M3309.000200 강화학습(Reinforcement Learning) 3-3-0
- M3309.000300 인공지능 세미나(Artificial Intelligence Seminar) 1-1-0
- M3309.000400 최신 인공지능 기술(Recent Topics in Artificial Intelligence) 3-3-0
- M3309.000500 소리에서 의미로(From Sound To Meaning) 3-3-0
- M3309.000600 딥러닝기반 컴퓨터비전(Deep Learning for

- Computer Vision) 3-3-0
- M3309.000900 딥러닝 원리 및 실습(Principles and Practices of Deep Learning) 3-2-2
- M3309.001000 인공지능을 위한 컴퓨터구조(Computer Architectures for Artificial Intelligence) 3-3-0
- M3309.001100 대학원논문연구(Dissertation Research) 3-3-0
- M3309.001200 지능형 컴퓨터비전(Intelligent Computer Vision) 3-3-0
- M3309.001300 정보융합 통계분석(Statistical Analysis for Information Studies) 3-3-0
- M3309.001400 영상 및 비디오 신호처리(Image and Video Signal Processing) 3-3-0
- M3309.001500 패턴인식(Pattern Recognition) 3-3-0
- M3309.001600 추정이론(Estimation Theory) 3-3-0
- M3309.001700 기계학습(Machine Learning) 3-3-0
- M3309.001800 기계지능특강(Topics in Machine Intelligence) 3-3-0
- M3309.001900 최적화기법(Optimization Theory and Applications) 3-3-0
- M3309.002000 스토캐스틱 제어 및 강화학습(Stochastic Control and Reinforcement Learning) 3-3-0
- M3309.002100 자연언어처리(Natural Language Processing) 3-3-0
- M3309.002200 고급인공지능(Advanced Artificial Intelligence) 3-3-0
- M3309.002300 인공신경망(Artificial Neural Networks) 3-3-0
- M3309.002400 확률 그래프 모델(Probabilistic Graphical Models) 3-3-0
- M3309.002500 생물정보학을 위한 기계학습(Machine Learning in Bioinformatics) 3-3-0
- M3309.002600 인공지능 및 빅데이터시스템(Artificial Intelligence and Big Data Systems) 3-3-0
- M3309.002700 지능형시스템수학(Mathematics for Intelligent Systems) 3-3-0
- M3309.002800 소셜컴퓨팅(Social Computing) 3-3-0
- M3309.002900 컴퓨터 청각(Machine Listening) 3-3-0
- M3309.003000 정보융합 뉴럴 네트워크(Neural Networks for Information Convergence Studies) 3-3-0
- M3309.003100 지능시스템을 위한 패턴인식(Pattern Recognition for Intelligent Systems) 3-3-0
- M3309.003200 지능시스템을 위한 VLSI 설계(VLSI Design for Intelligent Systems) 3-3-0
- M3309.003300 데이터센터 구조의 융합적 접근(A Holistic Approach to Datacenter Architecture) 3-3-0
- M3309.003400 창의 자율 인공지능 연구 1(Creative and Independent AI Research 1) 3-3-0
- M3309.003500 창의 자율 인공지능 연구 2(Creative and Independent AI Research 2) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Program in Urban Design)

협동과정 내규에 의함.

과목 이수규정(Course Requirements)

협동과정 내규에 의함.

461. 협동과정 바이오엔지니어링전공
(Program in Bioengineering)

- 461.502 컴퓨터의학응용(Computer Application in Medicine) 3-3-0
- 461.503 의학물리(Medical Physics) 3-3-0
- 461.504 바이오엔지니어링개론 1(Introduction to Bioengineering 1) 3-3-0
- 461.505 바이오엔지니어링개론 2(Introduction to Bioengineering

461.602	2) 3-3-0 단백질공학특강(Topics in Protein Engineering) 3-3-0
461.603	항체공학(Antibody Engineering) 3-3-0
461.604	생물정보학과 응용(Bioinformatics and Its Applications) 3-3-0
461.605	생물신소재와 조직공학(Biomaterials and Tissue Engineering) 3-3-0
461.606	의용계측(Biomedical Instrumentation) 3-3-0
461.607	생체현상에 대한 공학적 해석(Engineering Aspects of Physiological Phenomena) 3-3-0
461.614	의용생체신호해석론 (Bio-medical Signal Analysis) 3-3-0
461.615	의학영상응용(Medical Image Processing) 3-3-0
461.616	인공장기특강(Topics in Artificial Organ Research) 3-3-0
461.617	의용생체시스템해석(Bio-medical System Analysis) 3-3-0
461.618	의료정보시스템설계(Design of Medical Information System) 3-3-0
461.619	의용생체공학특강(Topics in Bio-medical Engineering) 3-3-0
461.620	바이오엔지니어링세미나 1(Bioengineering Seminar 1) 1-1-0
461.621	바이오엔지니어링세미나 2(Bioengineering Seminar 2) 1-1-0
461.622	바이오엔지니어링세미나 3(Bioengineering Seminar 3) 1-1-0
461.628	신경공학(Neuroengineering) 3-3-0
461.629	생물전자기학(Bioelectro-magnetic Phenomena) 3-3-0
461.630	마이크로머신과 바이오로봇공학(Micromachines and Biorobotics) 3-3-0
461.631	생체모방학(Biomimetics and Design) 3-3-0
461.634	재활공학(Rehabilitation Engineering) 3-3-0
461.635	의료기기학(Medical Instrumentation) 3-3-0
461.701	바이오엔지니어링특강(Topics in Bioengineering) 3-3-0
M1590.0001000	의용생체역학(Medical Biomechanics) 3-3-0
M1590.000200	자연어처리를 이용한 의료정보추출 및 분석 (Natural Language Processing Based Information Extraction in Medical Domain) 3-3-0
M1590.000300	공학자를 위한 임상개론 1(Introduction to Clinical Science for Engineers 1) 2-2-0
M1590.000400	공학자를 위한 임상개론 2(Introduction to Clinical Science for Engineers 2) 2-2-0
M1590.001000	합성생물학특론(Advanced Synthetic Biology) 3-3-0
M1590.001100	재생공학특론(Advanced Regenerative Engineering) 3-3-0
M1590.001200	생물모사공학(Biomimetic Engineering) 3-3-0
M1590.001300	생물공정공학특론(Advanced Bioprocess Engineering) 3-3-0
M1590.001400	분자생물공학특론(Advanced Molecular Biochemical Engineering) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Program in Bioengineering)
협동과정 내규에 의함.

과목 이수규정
(Course Requirements)
협동과정 내규에 의함.

463. 협동과정 기술경영·경제·정책전공(Program in Technology Management, Economics and Policy)	
*463.501	기술경영경제정책입문(Introduction to Technology Management, Economics, and Policy) 3-3-0
463.502	기술경영경제정책방법론(Methodologies for Technology Management, Economics, and Policy) 3-3-0
*463.503	기술경영경제정책세미나(Seminar in Technology Management, Economics, and Policy) 3-3-0
463.504	경영통계론(Managerial Statistics) 3-3-0
463.505	기술경영계량분석(Econometric Analysis of Technology Management) 3-3-0
463.509	기술전략분석론(Analysis on Technology and Strategy) 3-3-0
463.510	기술시장분석방법론(Methodologies for Technology Market Analysis) 3-3-0
463.511	기술사업화론(Technology and Commercialization) 3-3-0
463.512	기술혁신론(Technological Innovation) 3-3-0
463.513	신기술패러다임분석론(Analysis of New Technology Paradigm) 3-3-0
463.514	첨단기술과창업(High Technology and Entrepreneurship) 3-3-0
463.515	기술경영의사결정론(Decision Making in Technology Management) 3-3-0
*463.517	산업기술세미나(Seminar on Industrial Technology) 3-3-0
*463.518	융합기술세미나(Seminar on Technology Convergence) 3-3-0
463.519	기술혁신의이론과 실제(Theory and Practice of Technological Innovation) 3-3-0
463.520	지식경영론(Theory and Practice of Knowledge Management) 3-3-0
463.521	기술예측론(Technology Forecasting) 3-3-0
463.522	연구개발관리론(R&D Management) 3-3-0
463.524	기술경영전략론(Strategic Management of Technology) 3-3-0
463.525	기술가치평가론(Technology Valuation Assessment) 3-3-0
463.526	지적재산권관리론(Management of Intellectual Property Rights) 3-3-0
*463.530A	에너지 산업 분석론(Analysis of Energy Industry) 3-3-0
*463.531	에너지경영정책론(Analysis on Energy Business and Policy) 3-3-0
463.534	정보기술응용론(Information Technology Enabled Resource Sharing) 3-3-0
463.536	정보통신비용분석론(Information Technology Cost Analysis) 3-3-0
463.537	신기술수요분석론(Demand Analysis of New Technology) 3-3-0
463.538	신기술확산론(Diffusion of New Technology) 3-3-0
463.539	첨단기술마케팅론(Marketing of High Technology) 3-3-0
463.541	기술산업조직론(Industrial Technology Organization) 3-3-0
463.542A	기술혁신의 경제학(Economics of Technological Innovation) 3-3-0
463.545	신기술세미나(Seminar on Emerging Technologies) 3-3-0
463.546A	혁신과 개발(Innovation and Development) 3-3-0
463.547	정보 및 통신산업정책(Information and Telecommunication Industry Policy) 3-3-0
*463.548	산업경영정책사례분석(Case Studies in Industrial Policy and Management) 3-3-0

- *463.549 기술경영경제정책문제연구(Special Topics in Technology Management, Economics, and Policy) 3-3-0
- 463.551 바이오 및 보건의료 기술경영론(Managing Biotechnology and Health Care) 3-3-0
- 463.555 인터넷기반 정보통신기술의 사회연결망(Social Networks in Internet-based Information Communication Technology) 3-3-0
- 463.803 대학원논문연구(Dissertation Research) 3-3-0
- M1592.000100 디지털 융합론(Theories of digital convergence) 3-3-0
- M1592.000400 사회경제체제에 대한 행위자기반모형 (Agent-Based Modeling of Socio-Economic Complex Systems) 3-3-0
- M1592.000500 기술경영경제정책의사결정방법론(Decision Analysis for Technology Management, Economics, and Policy) 3-3-0
- *M1592.000600 산업과 에너지환경전략(Industrial Energy and Environmental Strategy) 3-3-0
- M1592.000700 기술정책정량분석(Quantitative Analysis of Technology Policy) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Program in Technology and Management)

서울대학교 대학원과정 과목 중 지도교수가 추천하고 전공주임교수의 승인을 얻은 과목

과목 이수규정

(Course Requirements)

협동과정 내규에 의함.

**414B. 융합전공 스마트 오션 모빌리티
(Smart Ocean Mobility Convergence)**

- M3507.000100 스마트 오션 모빌리티 융합 입문(Introduction to Smart Ocean Mobility Convergence) 3-3-0
- M3507.000200 조선소 생산계획을 위한 인공지능(Artificial Intelligence for Shipyard Production Planning and Scheduling) 3-3-0
- M3507.000300 친환경 선박해양 공정시스템 고급설계(Advanced Design of Environmental-Friendly Process Systems for Ship and Offshore Platform) 3-3-0
- M3507.000400 친환경 및 디지털 선박 구조 기술(Green and Digital Ship Structural Technology) 3-3-0
- M3507.000500 스마트 오션 모빌리티 융합기술 세미나1(Technology Seminar 1 for Smart Ocean Mobility Convergence) 3-3-0
- M3507.000600 스마트 오션 모빌리티 융합기술 세미나2(Technology Seminar 2 for Smart Ocean Mobility Convergence) 3-3-0
- M3507.000700 스마트 오션 모빌리티 융합기술 세미나3(Technology Seminar 3 for Smart Ocean Mobility Convergence) 3-3-0
- M3507.000800 스마트 오션 모빌리티 융합기술 세미나4(Technology Seminar 4 for Smart Ocean Mobility Convergence) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Program in Smart Ocean Mobility Convergence)

융합전공 내규에 의함.

과목 이수규정

(Course Requirements)

융합전공 내규에 의함.

**463B. 융합전공 스마트시티 글로벌전공
(Smart City Global Convergence)**

- M3311.000100 스마트시티 글로벌 융합 입문(Introduction to Smart City Global Convergence) 3-3-0
- M3311.000200 스마트시티와 디지털전환(Smart City and Digital Transformation) 3-3-0
- M3311.000400 스마트시티 법제도와 정책(Smart City Law and Policy) 3-3-0
- M3311.000500 그린인프라와 스마트시티(Green Infrastructure in Smart Cities) 3-3-0
- M3311.000600 대학원논문연구(Dissertation Research) 3-3-0
- M3311.000700 스마트시티 산업기술세미나(Smart City Seminar on Industrial Technology) 3-3-0
- M3311.000800 스마트시티 융합기술세미나(Smart City Seminar on Technology Convergence) 3-3-0
- M3311.000900 스마트시티 기술경영경제정책세미나(Smart City Seminar in Technology Management, Economics and Policy) 3-3-0
- M3311.001000 스마트시티 글로벌 융합 문제연구(Special Topics in Smart City Global Convergence) 3-3-0
- M3311.001300 스마트시티 글로벌 융합 사례분석(Smart City Global Convergence Case Analysis) 3-3-0
- M3311.001400 스마트시티 특허와 첨단기술창업 (Smart City Patent and High Technology Entrepreneurship) 3-3-0
- M3311.001500 스마트시티 과학기술혁신과 국제개발(Smart City Science Technology Innovations and International Development) 3-3-0
- M3311.001600 스마트시티 신기술실무응용(Field Application of Smart City Emerging Technologies) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Program in Technology and Management)

융합전공 내규에 의함.

과목 이수규정

(Course Requirements)

융합전공 내규에 의함.

<농업생명과학대학 주관>

539. 협동과정 농림기상학전공
(Program in Agricultural and Forest Meteorology)

- 539.501 농림기상학(Agricultural and Forest Meteorology) 3-2-2
- 539.503 생물기상 관측(Biometeorological Measurement) 3-2-2
- 539.505 실험설계와 과학논문작성(Experimental Design and Scientific Writing) 3-3-0
- 539.601A 기후변화와 농림생태계(Climate Change and Agricultural and Forest Ecosystems) 3-3-0
- 539.603A 생명과 지구의 비평형 열역학(Non-Equilibrium Thermodynamics of Life and Earth) 3-3-0
- 539.605 생태계 구조와 기능의 원격탐사(Remote Sensing of Ecosystem Structures and Functions) 3-3-0
- 539.607A 농림기상학세미나 1(Seminar in Agricultural and Forest Meteorology 1) 1-0-2
- 539.611 농림기상학인턴십 1(Internship 1 in Agricultural and Forest Meteorology) 3-0-6
- 539.701A 생태·사회시스템의 물질·에너지·정보의 순환 (Matter·Energy·Information Cycles in Ecological-Societal Systems) 3-3-0
- 539.703A 농림생태계 질병 및 해충 관리(Disease and Insect Pests Management in Agricultural and Forest Ecosystems) 3-3-0
- 539.707A 농림기상학세미나 2(Seminar in Agricultural and Forest Meteorology 2) 1-0-2
- 539.801 책임, 정의 그리고 지속가능성 과학(Responsibility, Justice and Sustainability Science) 3-3-0
- 539.803 대학원논문연구(Dissertation Research) 3-3-0
- 539.811 농림기상학 인턴십 2(Internship 2 in Agricultural and Forest Meteorology) 3-0-8
- M0000.021300 농림기상 빅데이터 분석 및 활용(Analysis and Application of Big Data on Agricultural and Forest Meteorology) 3-2-2
- M0.001700 농림기상 빅데이터 분석 특강2(Special Lectures on Big Data Analytics in Agricultural and Forest Meteorology 2) 3-3-0
- M0.002100 농림기상 빅데이터 분석 특강 1(Special Lectures on Big Data Analytics in Agricultural and Forest Meteorology 1) 3-3-0

과목 이수규정
(Course Requirements)

석사과정은 ‘농림기상학 인턴십 1’(539.611), 박사과정은 ‘농림기상학 인턴십 2’(539.811)를 필수로 이수해야 함.

541. 협동과정 농생명유전체학전공
(Program in Agricultural Genomics)

- M0000.027000 농생명유전체화학특론(Advanced Chemistry in Agricultural Genomics) 3-3-0
- M2743.000200 농생명유전체학콜로퀴엄1(Agricultural Genomics Colloquium 1) 1-0-2
- M0000.020800 농생명유전체학콜로퀴엄2(Agricultural Genomics Colloquium 2) 1-0-2
- M2743.000100 농생명유전체학세미나1(Agricultural Genomics Seminar 1) 1-0-2
- M0000.020700 농생명유전체학세미나2(Agricultural Genomics Seminar 2) 1-0-2
- M2743.000600 농생명유전체학세미나3(Agricultural Genomics Seminar 3) 1-0-2

- M0000.026900 농생명유전체학세미나4(Agricultural Genomics Seminar 4) 1-0-2
- 531.513 농업분자시스템생물학(Agricultural Molecular Systems Biology) 3-3-0
- 531.514 식품유전체학(Genomics for Food) 3-3-0
- 531.515 진핵미생물유전체학(Genomics of Eukaryotic Microorganism) 3-3-0
- M0000.022300 대학원논문연구(Graduate Thesis Research) 3-3-0
- M0000.021100 식물소기관 유전체학(Plant Organelle Genomics) 3-3-0
- M0000.021000 농생명후성유전체학특론(Special Topics in Agricultural Epigenomics) 3-3-0
- M2743.000800 농생명유전체정보분석실습1(Practice in Bioinformatics and Agricultural Genomics1) 3-2-2
- M2743.000700 농생명유전체정보분석실습2(Practice in Bioinformatics and Agricultural Genomics2) 3-2-2

과목 이수규정
(Course Requirements)
해당사항 없음.

520E. 융합전공 지역·공간분석학
(Convergence Major in Global Smart Farm)

- M3312.000100 지역·공간분석학 융합이론 세미나(Seminar in Theoretical Approaches of Regional Studies and Spatial Analytics) 3-3-0
- M3312.000200 지역·공간분석학 융합방법 세미나(Seminar in Methodological Approaches of Regional Studies and Spatial Analytics) 3-3-0
- M3312.000300 지역·공간분석학 융합이론 실습(Practice in Theoretical Approaches of Regional Studies and Spatial Analytics) 3-3-0
- M3312.000400 지역·공간분석학 융합방법 실습(Practice in Methodological Approaches of Regional Studies and Spatial Analytics) 3-3-0
- M3312.000500 지역 재난과 복원의 경제 분석(Economic Analysis of Regional Disaster and Resilience) 3-3-0
- M3312.000600 지역 산업 및 인구(Regional Industry and Population) 3-3-0
- M3312.000700 지역·지속가능성을 위한 경제성 평가 방법론(Economic Assessment Method for Regional Sustainability) 3-3-0
- M3312.000800 지역·지역산업 데이터과학 응용(Data Science Application to Rural Industry) 3-3-0
- M33123000900 지역 농식품 클러스터 전략(Strategies for Regional Agri-Food Cluster) 3-3-0
- M3312.001000 공간융합사회과학론 세미나(Seminar on Spatially Integrated Social Science) 3-3-0
- M3312.001100 지역경관분석 이론과 실제(Theory and Practice of Physical Landscape Analysis) 3-3-0
- M3312.001200 산촌지역정책연구(Studies in Mountain Village Development Policy) 3-3-0

5702. 융합전공 글로벌 스마트팜
(Convergence Major in Global Smart Farm)

- M3313.000100 스마트팜 산업과 기술(Smart Farm Industry and Technology) 3-3-0
- M3313.000200 스마트팜 시설환경공학 개론(Environmental Engineering of Smart Farm) 3-3-0

M3313.000300 노지 스마트팜 작물학개론(Introduction to Crop Science for Outdoor Smart Farm) 3-3-0
M3313.000400 스마트팜 노지 자동화 개론(Introduction to Smart Automation of Field Operations) 3-3-0
M3313.000600 농식품 스마트 유통 개론(Introduction to Smart Distribution of Agri-products) 3-3-0
M3313.000700 스마트팜 비즈니스(Smart Farm Business) 3-3-0
M3313.000800 스마트팜 기업가정신(Smart Farm Entrepreneurship) 3-2-2
M3313.000900 스마트팜 캡스톤 디자인 프로젝트(Smart Farm Capstone Design Project) 3-3-0
M3313.001000 스마트팜 실무 융합 적용 인턴십(Smart Farm Practice Convergence Application Internship) 3-0-6

M3313.001100 대학원논문연구(Dissertation Research) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Program in Technology and Management)

서울대학교 대학원과정 과목 중 지도교수가 추천하고 전공주임교수의 승인을 얻은 과목

교과목 이수규정
(Course Requirements)
융합전공 내규에 의함.

<미술대학 주관>

3392. 협동과정 미술경영전공
(Program in Art Management)

- 614.502 예술경영전략(Management Strategy for the Arts) 3-3-0
- 614.509A 예술재원조성(Development and Fund Raising for Arts) 3-3-0
- 614.512 전시기획 실습(Practice in Organizing Exhibition) 3-3-0
- 614.514 공공정책과 예술(Public Policy and Arts) 3-3-0
- 614.515A 미술문화관련법(Seminar in Art and Law) 3-3-0
- 614.577 미학과 예술경영(Aesthetics and Art Management)
- 614.608A 예술과 법(Law and the Art) 3-3-0
- 614.206 예술문화 정책 세미나(Seminar in Art and Cultural Policy) 3-3-0
- 614.606 미술품감정 및 평가연구(Studies in Connoisseurship and Appraisal) 3-3-0
- M1784.000200 한국미술세미나(Seminar in Korean Art)
- M1784.000300 서양미술세미나(Seminar in Western Art)

전공선택 인정과목

(Credited as Major Elective for Interdisciplinary Program in Arts Management)

- ① 115.507 미술사론연습, 115.612 미술양식론연습, 115.613 미술비평사연구, 115.623 예술철학연습 1, 115.626 예술학연습, 115.638 현대미술연구 1, 115.713 미술심리학연습, 115.714 미술사회학연습, 115.716 조형예술론연습, 115.718 미술비평론연습, 251.579

- 서비스마케팅, 270.680 지적소유권법특수연구, 600.537 현대미술담론연구, 600.542 공공미술연구, 600.543 미술과대중매체특강, 600.703 아시아현대미술작품분석연구, 600.704 중국근현대미술작품분석연구, 601.617 일본미술사연구, 602.540 현대서양회화비평특론, 6102.5310 현대서양미술사연구, 920.651 조사방법론, 920.658 정책이론, 920.611 행정이론, 921.505A 공공조직론, 6103.506 한국조각사특강, 6103.508 서양조각사특강, 924.662 정책분석, 251.564A 촉진관리론 세미나
- ② 기타 전공주임 또는 지도교수가 전공 선택으로 인정하는 과목(학부과목 6학점 포함). 학부과목: 251.101 경영학원론, 251.424 경영전략, 251.205 회계원리, 251.301 재무관리, 251.303 인사관리, 251.322 국제경영, 251.327 소비자행동, 251.321 마케팅관리

과목 이수규정

(Course Requirements)

- ① 전공 선택과목 중 614.501 예술경영원론, M1784.000200, 한국미술세미나, M1784.000300 서양미술세미나, 614.502 예술경영전략, 614.507A 비영리 조직 마케팅, 614.577 미학과 예술경영, 614.514 공공정책과 예술, 115.716 조형예술론 연습, 270.638 무체재산권 특수연구(저작권법 연구), 614.609 미술품지적소유권 계약 및 사례 연구 중 9학점(3과목)을 포함하여 30학점을 이수해야 하며 “30학점 외에” 석사와 박사는 각각 3, 6학점의 논문연구 학점을 이수하여야 한다.

[경과조치]

위 규정은 2020년 2학기부터 적용한다.

- ② 그 외 세부 이수 규정은 학과내규에 따른다.

<사범대학 주관>

**704A. 협동과정 음악교육전공
(Program in Music Education)**

- 704.550A 음악교육학 1(Foundation of Music Education 1) 3-3-0
- 704.551A 음악교육학 2(Foundation of Music Education 2) 3-3-0
- 704.555 음악교육심리학(Psychology of Music Education) 3-3-0
- 704.556 음악교육철학(Philosophy of Music Education) 3-3-0
- 704.559 음악교육과정 및 평가(Curriculum and Assessments in Music Education) 3-3-0
- 704.563A 가창지도법(Teaching Methodology of Vocal Music) 3-3-0
- 704.572B 음악교수법(Music Teaching Methods) 3-3-0
- 704.577 음악창작지도법(Teaching Methodology of Musical Composition) 3-3-0
- 704.579 국악교육론 및 국악교수법(Foundation and Methodology of Korean Music Education) 3-3-0
- 704.580 국악실기지도법(Practical Teaching Methods of Korean Music) 3-3-0
- 704.581 국악이론과 실제(Theory and Practice of Korean Music) 3-3-0
- M1840.000100 음악분석 및 형식론(Analysis & Form in Music) 3-3-0
- M1840.000200 음악교육연구방법 2(Research Methods in Music Education 2) 3-3-0
- M1840.000300 음악교육연구방법 1(Research Methods in Music Education 1) 3-3-0
- M1840.000400 음악 창작 및 감상지도법(Teaching Methodology of Musical Composition and Appreciation) 3-3-0
- M1840.000500 음악교육과 테크놀로지(Music Education and Technology) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Program in Music Education)
서울대학교 과목 중 지도교수 및 전공주임이 인정하는 과목

과목 이수규정
(Course Requirements)
전공내규에 의함.

**704B. 협동과정 미술교육전공
(Program in Fine Arts Education)**

- 704.522A 미술교육과 비평이론(Critical Theory in Art Education) 3-3-0
- 704.523A 한국의 시각문화와 미술교육(Korean Visual Culture and Art Education) 3-3-0
- 704.524 현대미술교육연구(Studies in Contemporary Arts Education) 3-3-0
- 704.525 아동미술교육연구(Studies in Art Education for Children) 3-3-0
- 704.528 미술치료세미나(Seminar in Art Therapy) 3-3-0
- 704.530 미술교육평가연구(Studies in Evaluation in Art Education) 3-3-0
- 704.539 미술교육학 방법론 Research Methods of Art Education 3-3-0
- 704.540 미술교육과 지역사회 Studies in Community-based Art Education 3-3-0
- 704.542 미술문화교육정책특강(Topics in Policy of Culture and

- Education) 3-3-0
- 704.549B 아시아미술교육연구(Studies in Asian Art Education) 3-3-0
- 704.601 현대미술교육철학사(History of Philosophy in Contemporary Art Education) 3-3-0
- 704.602 미술교재연구(Studies in Teaching Materials in Art Education) 3-3-0
- 704.603A 미술교육과 미술사(Studies in Art Education and Art History) 3-3-0
- 704.614C 다문화미술교육연구(Studies in Multicultural Art Education) 3-3-0
- 704.618A 한국현대미술이론특강(Topics in Contemporary Korean Art Theory) 3-3-0
- M1841.000100 박물관·미술관 교육연구 Studies in Museum Education 3-3-0
- M1841.000200 박물관·미술관 교육프로그램 개발 Museum Education Program Development 3-3-0

전공선택 인정과목
(Credited as Major Elective for Program in Fine Arts Education)
701.584 경험과학적연구과학론, 701.629 현저연구와질적분석, 701.813 현대교육철학연구, 701.698A 교육과 생애사 연구방법론 (이상 사범대), 111.613 중국문화사연구, 114.714 종교와 문화연습, 115.507 미술사론연습, 115.612 미술양식론연구, 115.613 미술비평사연구, 115.713 미술심리학연습, 115.714 미술사회학연습, 115.716 조형예술론연습, 115.718 미술비평론연습, 116.610 한국미술사연구, 116.642 동양미술사연구 (이상 인문대), 2751.506 국제지적재산권, 2751.512 지적재산사업화 (이상 법대), 251.101 경영학원론, 251.675 마케팅세미나, (이상 경영대), 207.512 고급지각심리학, 207.516 고급발달심리학, 207.739 고급정서(이상 사회대)

과목 이수규정
(Course Requirements)
전공내규에 의함.

**704C. 협동과정 가정교육전공
(Program in Home Economics Education)**

- *704.501A 가정과교육특강(Topics in Home Economics Education) 3-3-0
- 704.502A 가정교육연구방법론(Research Methodology in Home Economics Education) 3-2-2
- 704.504 소비자경제교육론(Consumer Education) 3-3-0
- 704.506 영양학교육론(Nutrition Education) 3-3-0
- 704.508 의복구성교육론(Clothing Construction Education) 3-3-0
- 704.661 소비자문제분석특강(Topics in Analysis of Consumer Issues) 3-3-0
- 704.664A 가정교육질적연구방법론(Qualitative Research Methods in Home Economics Education) 3-3-0
- 704.665 가정과교육평가론(Evaluation of Home Economics Education) 3-3-0
- *704.666 가정과교수법(Theory of Home Economics Teaching) 3-3-0
- 704.667A 가정과교육과정연구(Studies in Home Economics Education Curriculum) 3-3-0
- 704.669 청소년문제와 가정환경세미나(Seminar on Development Problems of Adolescence and Family Environment) 3-3-0
- 704.674 복식학교육특강(Topics in Clothing Education) 3-3-0
- 704.676 가정생활과 복지(Family Life and Welfare) 3-3-0
- M1842.000400 주거학특강(Topics in Housing Studies) 3-3-0
- M1842.000500 아동가족학특강(Topics in Childlopment and Family Studies) 3-3-0

M1842.000600 의류소재 및 의복환경(Clothing Scienced and Comfort) 3-3-0
M1842.000700 조리과학특강(Topics in Culinary Science) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Program in Home Economics Education)

서울대학교 과목 중 지도교수 및 전공주임이 인정하는 과목

과목 이수규정
(Course Requirements)
전공내규에 의함.

723. 협동과정 특수교육전공
(Program in Special Education)

723.507 학습장애아교육론(Teaching Children with Learning Disabilities) 3-3-0
723.509A 정서 및 행동문제와 교육상담(Emotional and Behavioral Problems and Educational Counseling) 3-3-0
723.511 통합교육론(Seminar in Inclusion) 3-3-0
723.513 특수아진단및평가(Assessment of Children with Special Needs) 3-3-0
723.515 특수아동상담세미나(Seminar in Counseling with Special Children) 3-3-0
723.701 응용행동분석 및 단일사례연구(Research in Applied Behavior Analysis and Single Subject) 3-3-0
723.703 특수교육연구세미나
(Seminar on Special Education Research) 3-3-0
723.705 고급학습장애세미나(Advanced Seminar on Learning Disabilities) 3-3-0
M1887.000100 지적장애교육(Teaching Children with Intellectual Disability) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Program in Special Education)

701.503 한국교육사연구, 701.535 교육인류학연구, 701.571 교육평가 이론, 701.574A 교육사회학연구, 701.577A 교육철학 세미나, 701.611A 동양교육사상사세미나, 701.612 서양교육사상사, 701.632 학습과 인지, 701.73 문화전달이론, 701.76 교육과정사, 701.781 문항반응이론, 701.813 현대교육철학연구, 701.859 교육사연구특강, 701.911 교육측정세미나, 701.930A 교육프로그램평가, 701.938 교육역사사회학연구, 701.939 한국교육사특수연구, 701.941 근대한국교육의 형성, 701.953A 교육통계세미나, 701.955B 교육사회학연구세미나, 701.979 아시아교육사연구, 701.984A 지능과 교육, 701.988 교육심리학세미나, 701.990 교육과정개발세미나, 701.991 교육과정이론세미나, 701.992 학교교육과정연구, 701.993 학습동기연구, 701.999 서양교육사연구, 701.5001 교육심리학 연구, 701.5002 영재교육이해, 701.5003 재능개발교육연구, 701.5004 창의성과 교육, 701.5005 창의성 이론과 실제, 701.5006 창의/영재교육비평, 701.5008 학교심리문제연구, 701.5009 학교학습과교육심리, M1835.000100 교육심리논문작성, M1835.000200 자기주도성과교육

※전공주임 교수와 협의하여 전공선택 과목 인정

과목 이수규정
(Course Requirements)
협동과정 내규에 의함.

724. 협동과정 환경교육전공
(Program in Environment Education)

*724.501 환경교육세미나(Seminar on Environment Educations) 3-3-0

724.505A 토지이용변화와 환경교육(Change of Land Use and Environment Education) 3-3-0
724.510A 대기환경론(Atmospheric Environment) 3-3-0
724.511B 환경교육특강(Topics in Environmental Education) 3-3-0
724.514 환경교육 논리 및 논술(Logic and Essay Writing in Environment Education) 3-3-0
724.515 인간과 지구환경(Man and Global Environment) 3-3-0
M0000.004700 그린리더십교육론세미나(Seminar in Teaching of Green Leadership) 3-3-0
M1888.000300 환경교육교수학습방법실습(Instructional Design and Teaching Methods and Practice in Environmental Education) 3-2-2
M1888.000500 국토와 환경교육연구 실습(Practical Studies in Our Living Place and Environment Education) 3-2-2
M1888.000600 도시환경론 실습(Urban Environment Theory Practice) 3-2-2
M1888.000100 환경교육교재개발실습(Development of Teaching Materials and practice in Environmental Education) 3-2-2
M1888.000400 환경교육프로그램개발실습(Development of Environmental Education Program and practice) 3-2-2
M1888.000700 환경지리학세미나 실습(Seminar on Environmental Geography and Practice) 3-2-2
M1888.000200 환경교육연구방법실습(Research Methods and practice in Environmental Education) 3-2-2

과목 이수규정(Course Requirements)
협동과정 내규에 의함.

742. 협동과정 유아교육전공
(Program in Early Childhood Education)

360.501 유아교육론세미나(Seminar in Foundations of Early Childhood Education) 3-3-0
360.504 영유아발달세미나(Seminar in Early Childhood Development) 3-3-0
360.505 유아교육과정연구(Curriculum for Early Childhood Education) 3-3-0
360.508 유아언어교육세미나(Seminar in Language Arts for Young Children) 3-3-0
360.511A 유아수학교육세미나(Seminar in Mathematics for Young Children) 3-3-0
360.512 유아사회교육세미나(Seminar in Social Studies for Young Children) 3-3-0
360.515 유아발달 진단(Assessment of Early Childhood Development) 3-3-0
360.516A 유아놀이 지도(Play in Early Childhood Education) 3-3-0
360.517A 특수아동의 이해(Teaching Children with Special Needs) 3-3-0
360.518 유아교육실습(Teaching Practicum in Early Childhood Education) 3-0-6
360.520A 유아교과교육론(Theory in Early Childhood Education) 3-0-6
360.521 고급유아상담(Advanced Course of Counseling for Young Children) 3-3-0
360.523 부모교육세미나(Seminar in Parent Education) 3-3-0
360.524A 유아교과교재연구 및 지도법(Studies in Materials and Methods for Early Childhood Education) 3-3-0
360.526 고급유아연구방법론(Advanced Course of Research Methods in Early Childhood Education) 3-3-0

- 360.527 유아교육기관운영관리세미나(Seminar in Planning and Management of Early Childhood Programs) 3-3-0
- 360.531 유아과학교육세미나(Seminar in Science for Young Children) 3-3-0
- 360.803 대학원논문연구(Dissertation Research) 3-3-0
- 742.601 영아발달과 교육프로그램연구(Advanced Studies in Infant Development and Educational Programs for Infants and Toddlers) 3-3-0
- 742.602 영유아교육 및 보육정책세미나(Seminar on the Policy of Early Childhood Education and Care) 3-3-0
- 742.603 유아 인지발달 및 창의성 연구(Advanced Studies in Children's Cognitive Development and Creativity) 3-3-0
- 742.604 유아교육질적연구세미나(Seminar on Qualitative Research Methods in Early Childhood Education) 3-3-0
- 742.605 유아교육연구법(Quantitative Research Method in Early Childhood Education) 3-3-0
- 742.606 유아교사론세미나(Seminar on Early Childhood Teacher Education) 3-3-0
- 742.607 유아교육의 쟁점과 최근 동향(Current Issues and Trends in Early Childhood Education) 3-3-0
- 742.608 유아건강교육세미나(Seminar on Health Education for Young Children) 3-3-0
- 742.609 유아교육프로그램연구(Advanced Study on Early Childhood Program) 3-3-0
- 742.610 유아교육 개인연구(Independent Study in Early Childhood Education) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Program in Early Childhood Education)

- 359.552 아동발달특론, 359.553A 아동과 전통문화, 359.555A 고급영 유아사회성교육론, 359.556A 고급영유아인지교육론, 359.557A 고급영 유아언어교육론, 359.651 아동놀이이론 및 실제, 359.653 영유아교육 실습, 359.657 유아교육현장실습, 359.752 부모 자녀관계특론, 359.753A 다문화와사회화, 359.756 고급아동상담이론 359.758 영유아 보육정책론, 359.771 아동실험관찰연구법 (아동가족학과 13과목), 701.632 학습과인지, 701.822A 다변량통계분석법(교육학과 2과목), 704.572B 음악교수법(협동과정 음악교육전공 1과목), 704.525 아동미술교육연구 704.604A 미술영재교육연구(협동과정 미술교육전공 2과목), 723.507 학습장애아교육론, 723.514 특수교육교수학습연구(협동과정 특수교육전공 2과목)

**743. 협동과정 글로벌교육협력전공
(Program in Global Education Cooperation)**

- *743.502 한국교육발전론(Korean Education and National Development) 3-3-0
- 743.605 지속가능발전교육(Education for Sustainable Development) 3-3-0
- 743.606 교육과 성 평등(Education and Gender Equity) 3-3-0
- 743.607 국제교육론(Theories of International Education) 3-3-0
- *743.701 교육개발협력세미나(Seminar in International Education Development) 3-3-0
- *743.702 교육개발협력 전략연구세미나(Advanced Seminar in International Education Development Strategies) 3-3-0
- *743.801 교육개발프로젝트구안(Education Development Project Design) 3-0-6
- 743.802 연구제안서작성법연구(Practice of Writing Research Proposal) 3-0-6
- 743.803 대학원논문연구(Dissertation Research) 3-3-0
- 743.804 글로벌교육협력 실습(R&D Practicum) 3-0-6
- M1905.000100 국제교육개발: 이론과 실제(International Education Development: Theories and Practices) 3-3-0
- M1905.000200 개발도상국의 교육과 개발(Education and Development in Developing Countries) 3-3-0
- M1905.000300 비정부민간단체의 교육개발협력(Education Development Cooperation of NGOs) 3-3-0
- M1905.000400 국제정치경제와 교육개발(International Political Economics and Education Development) 3-3-0
- M1905.000500 국제교육개발협력평가(Evaluation of International Education and Development Cooperation) 3-3-0
- M1905.000600 모든 이를 위한 교육: 이론과 실제(Education for All: Theories and Practice) 3-3-0
- M1905.000700 한국의 교육개발협력정책(Education Development Cooperation Policies of Korea) 3-3-0
- M1905.000800 교육개발협력연구방법론(Research Methodology for Education Development Cooperation) 3-3-0
- M1905.000900 글로벌교육개발의제연구(Study of Global Education Development Agenda) 3-3-0

<의과대학 주관>

**803. 협동과정 중앙생물학전공
(Program in Cancer Biology)**

- 803.511 중앙학개론(General Concept of Oncology) 3-3-0
- 803.512 중앙생물학방법론(Methodology of Tumor Biology) 3-3-0
- 803.601 분자세포생물학개론 1(Molecular Cell Biology 1) 3-3-0
- 803.602 분자세포생물학개론 2(Molecular Cell Biology 2) 3-3-0
- 803.701 암분자역학(Molecular Cancer Epidemiology) 3-3-0
- 803.702 임상종양학(Clinical Oncology) 3-3-0
- 803.802 종양줄기세포(Cancer Stem Cell) 3-3-0
- 803.803 종양단백질체학(Cancer Proteomics) 3-3-0
- 803.808 유전성종양(Hereditary Tumor) 3-3-0
- 803.809 발암기전과 화학적암예방(Molecular Mechanisms of Carcinogenesis and Cancer Chemoprevention) 3-3-0
- 803.810 암에피제네틱스 1(Cancer Epigenetics 1) 3-3-0
- 803.811 중앙생물학특론(Topics in Cancer Biology) 3-3-0
- 803.812 중앙생물학의 최신 동향 I(Current Topics in Cancer Biology I) 3-3-0
- 803.813 중앙생물학의 최신동향 II(Current Topics in Cancer Biology II) 3-3-0
- M1925.000100 중앙생물학의 최신동향 III(Current Topics in Cancer Biology III) 3-3-0
- M1925.000200 중앙생물학의 최신동향 IV(Current Topics in Cancer Biology IV) 3-3-0
- M1925.000300 중앙연구특론 I(Advanced Topics in Cancer Research I) 3-3-0
- M1925.000400 중앙연구특론 II(Advanced Topics in Cancer Research II) 3-3-0
- M1925.000500 간암세포학(The Principles of Pathophysiology of Hepatocellular Carcinoma) 3-3-0
- M1925.000600 암면역치료연구기법(Research Techniques of Cancer Immunotherapy) 3-3-0
- M1925.000700 내분비종양연구(Studies in Endocrine Neoplasms) 3-3-0
- M1925.000800 고형암의 전이과정(The Processes of Metastasis in Solid Tumors) 2-2-0
- M1925.000900 고형암의 이행성 연구 개관(Survey of Translational Research in Solid Cancer) 3-3-0
- M1925.001000 방사선 중앙 생물학 개론(Introduction to Radiation Cancer Biology) 3-3-0

**과목 이수규정
(Course Requirements)**
협동과정 내규에 의함.

**804. 협동과정 임상약리학전공
(Program in Clinical Pharmacology)**

- 804.501 임상시험세미나 1(Seminar in Clinical Trials 1) 3-3-0
- 804.503 신약평가,허가및관리제도(Regulatory Affairs in Drug Registration) 3-3-0
- 804.504 임상약물유전학(Clinical Pharmacogenetics) 3-3-0
- 804.506 임상약물상호작용(Clinical Aspects of Drug Interactions) 3-3-0
- 804.507 약물이상반응과 과민반응(Adverse Drug Reactions and Hypersensitivity) 3-3-0
- 804.509 약물요법특론(Advances in Pharmacotherapy) 3-3-0

- 804.510 특수환자집단의적정약물요법(Optimum Therapy in Special Patients) 3-3-0
- 804.701 임상시험세미나 2(Seminar in Clinical Trials 2) 3-3-0
- 804.702 약동학/약력학모델링특론(Advances in PK/PD Modeling) 3-3-0
- 804.703 임상약력학및임상평가법(Clinical Pharmacodynamics and Evaluation Methods) 3-3-0
- M1930.000100 약리대사체학(Pharmacometabolomics) 3-3-0
- M1930.000200 신약후보물질의 탐색적 임상개발(Exploratory Clinical Development of New Molecular Entities) 3-3-0
- M1930.000300 인공지능의 신약개발과 임상 적용(Artificial Intelligence for New Drug Development and Clinical Application) 3-3-0
- M1930.000400 임상약동학특론(Advances in Clinical Pharmacokinetics) 3-3-0
- M1930.000500 임상약리학개론(Introduction to clinical pharmacology) 3-3-0

**과목 이수규정
(Course Requirements)**
협동과정 내규에 의함.

**807. 협동과정 의료정보학전공
(Program in Medical Informatics)**

- 807.501 의료정보학기초와 응용(Introduction and Application of Medical Informatics) 3-3-0
- 807.502 의료정보학연구방법론(Research Methods in Medical Informatics) 3-3-0
- 807.503 의학용어표현이론(Representation of Medical Concept) 3-3-0
- 807.504 의료정보시스템분석 및 설계(Medical Information System Analysis and Design) 3-3-0
- 807.505 임상의료정보학(Clinical Informatics) 3-3-0
- 807.506 의학통계추론(Statistical Inference in Medicine) 3-3-0
- 807.509 의학자료자연어처리 및 검색(Natural Language Processing and Information Retrieval of Medical Data) 3-3-0
- 807.510 전자건강기록시스템(Electronic Health Record System) 3-3-0
- 807.521 소비자건강정보학세미나(Seminar in Consumer Health Informatics) 3-3-0
- M1933.000200 의학연구를 위한 통계적모델링(Statistical Modelling for Medical Research) 3-3-0
- M1933.000300 디지털 헬스케어 세미나(Seminar in Digital Healthcare) 3-3-0
- M1933.000400 의료경영과 소비자 이해(Medical Management and Consumer Understanding) 3-3-0
- M1933.000500 의료데이터 사이언스의 이해와 실습 1 (Introduction to Medical Data Science & Practicum 1) 3-2-2
- M1933.000600 의료빅데이터세미나(Seminar in Medical Big Data) 3-3-0
- M1933.000700 의료데이터 사이언스의 이해와 실습 2 (Introduction to Medical Data Science & Practicum 2) 3-2-2
- M1933.000800 의료 통계 프로그래밍(Medical statistics programming) 3-3-0
- M1933.000900 생명정보학 데이터 분석 입문(Introduction to Bioinformatics Data Analysis) 3-3-0

과목 이수규정
(Course Requirements)
협동과정 내규에 의함.

809. 협동과정 줄기세포생물학전공
(Program in Stem Cell Biology)

- M2860.000100* 줄기세포의 분자-세포생물학(Molecular & Cellular Biology of Stem Cells) 3-3-0
- M2860.000700* 줄기세포생물학의 응용 및 재생의학(Regenerative Medicine Using Stem Cells) 3-3-0
- M2860.000900 줄기세포생물학 석사인턴십 I(Internship (I) in Stem Cell Biology) 3-0-6
- M2860.001000 줄기세포생물학 박사인턴십 II(Internship (II) in Stem Cell Biology) 3-0-6
- M2860.001200 줄기세포생물학세미나(Seminar in Stem Cell Biology) 1-0-2
- M2860.001300 학위논문세미나(Thesis Seminar) 1-0-2
- M2860.001400 첨단생명공학 & 연구윤리(Advanced Biotechnology & ELSI(Ethical, Legal and Social Implications)) 3-3-0
- M2860.001500 난치성 질환에서 줄기세포 치료 및 조직공학의 적용(Stem Cell Therapy and Tissue Engineering Approach for Intractable Disease) 3-3-0

과목 이수규정
(Course Requirements)
협동과정 내규에 의함.

<환경대학원 주관>

951. 협동과정 조경학전공
(Program in Landscape Architecture)

박사과정(Doctoral Courses)

- 951.701 환경미학특론(Topics in Environmental Aesthetics) 3-3-0
- 951.707 경관평가이론연구(Studies in Landscape Assessment) 3-3-0
- 951.714 관광특론(Tourism and Recreation Studies) 3-3-0
- 951.715A 현대도시설계론(Contemporary Issues in Urban Design) 3-3-0
- 951.717A 주거환경계획론(Advanced Study in Residential Environment) 3-3-0
- 951.724 조경연구방법론(Research Methods in Landscape Architecture) 3-3-0
- 951.725A 도시건축론(Advanced Study in Architecture and Urbanism) 3-3-0
- 951.731 정원예술론(Theory of Garden Art) 3-3-0
- 951.732 환경정보수집기법연구(Advanced Study in Environmental Data Collection Methodologies) 3-3-0
- 951.733 경관사상론(Readings in Landscape Thoughts) 3-3-0
- 951.736 정성적 경관연구방법론(Qualitative Landscape Research Method) 3-3-0
- 951.737 환경생태학특강(Advanced Topics in Environmental Ecology) 3-3-0
- 951.738 기후변화적응계획론(Advanced Study of Adaptation Planning for Climate Change) 3-3-0
- M2102.000300 재해분석과 환경복원계획(Disaster and Ecological Restoration Field Lab) 3-3-0
- M2195.000200 자원순환형 도시설계 연구(Studies in Urban Design and Resource Management) 3-3-0
- M2195.000300 생지화학 모델 기반 그린인프라스트럭처 연구(Studies in Green Infrastructure using Biogeochemistry Modeling) 3-3-0
- M0000.005600 한국의 풍경문화연구(Studies on Korean Landscape Culture) 3-3-0
- M0000.005800 현대조경론(Theory of Contemporary Landscape Architecture) 3-3-0
- M2102.000400 조경 논문 작성(Writing landscape papers) 3-3-0
- M2102.000500 그린인프라스트럭처 경제성평가(Economic Assessment of Green Infrastructure) 3-3-0
- M2102.006000 응용조경통계(Statistics for Applied Research in Landscape Architecture) 3-3-0
- M2102.007000 생태계 관리론(Ecosystem Management) 3-3-0
- M0000.028500 고급 도시환경분석과 데이터 시각화(Advanced Urban Environment Analysis and Data Visualization) 3-3-0
- M0000.029400 녹색복원 특론(Special Topics on Green Restoration) 3-2-2
- M2102.000900 지능형에코사이언스 실무응용(Field Operations of Intelligent Eco-Science) 3-1-4
- M2102.001100 지능형에코사이언스 개론(Introduction to Intelligent Eco-Science) 3-3-0

과목 이수규정

(Course Requirements for Program in Landscape Architecture)

전공내규에 의함.

900. 보건대학원 (Graduate School of Public Health)

공통과목(Extrdepartmental Courses)

석사과정(Master's Courses)

- 900.502A 지역사회보건실습(Community Health Field Training) 3-0-6
- 900.504A 역학원론 및 실습(Principles of Epidemiology) 3-2-2
- 900.579A 보건통계학개론(Principles of Biostatistics) 3-2-2
- 900.803 대학원논문연구(Reading and Research) 3-3-0
- 902.661 보건학개론(Introduction to Health Science and Services) 3-3-0

902. 보건학과 (Department of Public Health Sciences)

석사과정(Master's Courses)

904. 보건정책관리학전공(Health Care Management and Policy)

- 900.511A 보건사(History of Health and Medical Care) 3-3-0
- 900.513A 보건경제학원론(Introduction to Health Economics) 3-3-0
- 900.529A 보건의료조직론(Theories of Health Care Organization) 3-3-0
- 900.530B 보건재정정책과 관리(Health Care Financing Policy and Management) 3-3-0
- 900.536 여성건강(Women's Health) 3-3-0
- 901.762B 건강과 보건의료의 형평연구(Research in Equity for Health and Healthcare) 3-3-0
- 902.507B 노인보건(Aging and Public Health) 3-3-0
- 902.517B 건강보장론(Theory and Practice of Health Security) 3-3-0
- 902.536B 비교보건제도와 정책(Comparative Health Systems and Policy) 3-3-0
- 902.540B 공공보건정책론(Studies in Health Care Policy) 3-3-0
- 902.544B 보건의료 경제성평가(Methods of Research in Health Economics) 3-3-0
- 902.575A 보건사회학(Medical Sociology) 3-3-0
- 902.618B 국제보건(Global Health) 3-3-0
- 902.620B 보건조사방법론(Research Methods of Health Care) 3-3-0
- 902.656B 노령화와 장기요양정책(Aging and Long-term Care Policy) 3-3-0
- 902.675A 보건커뮤니케이션(Health Communication) 1-1-0
- 902.676A 지역사회건강증진 모형과 동향(Community Health Promotion: Models and Current Issues) 3-3-0
- 902.677 보건의료의 계량경제분석 1(Econometrics in Health Care 1) 3-3-0
- 902.679 경제성평가 모형연구(Modeling for Health Economic Evaluation) 3-3-0
- 902.680 의약품 경제와 정책(Pharmaceutical Economics and Policy) 3-3-0
- 902.683 장기요양 시스템과 관리(Long-term Care Systems and Administration) 3-3-0
- 902.685 보건의료 질, 성과, 테크놀로지(Health Care Quality, Outcomes, and Technology) 3-3-0
- 902.689 보건의료관리와 전략(Advanced Seminar in Organizational Analysis of Health Care Field) 3-3-0
- 902.690 건강위험관리와 커뮤니케이션(Health Risk Perception and Communication) 1-1-0
- 902.691 보건조직연구특론(Advanced Seminar in Organizational Analysis of Health Care Field) 3-3-0

- 902.692A 국가, 시장, 의료전문직(The state, economy and medical profession) 3-3-0
- 902.704 국제보건정책(Global Health Policy) 3-3-0
- M2191.000100 보건시스템과서비스 연구(Studies in Health Systems and Services) 3-3-0
- M2191.000200 정신보건세미나(Seminar in Mental Health) 3-3-0
- M2059.000100 건강정책의 정치분석(Political Analysis of Health Policy) 3-3-0
- M2072.000200 거시보건경제세미나(Seminar in Macro Health Economics) 3-3-0
- M2072.000400 보건윤리(Public Health Ethics) 3-3-0
- M2072.000500 지역사회 건강증진연구 세미나(Community Health Promotion Research Seminar) 3-3-0
- M2072.000600 근거중심 보건정책(Evidence Based Health Policy) 3-3-0
- M2072.000700 보건경제세미나(Seminar in Health Economics) 3-3-0
- M2072.000800 보건산업의 이해(Seminar on Health Care Industry) 3-3-0
- M2072.000900 다차원 건강증진과 통합접근(Multilevel Health Promotion and Integrated Approaches) 3-3-0
- M2072.001000 보건정보기술과 정책(Health Information Technology and Policy) 3-3-0
- M2072.001100 보건관리와 정책을 위한 머신러닝 응용(Application of Machine Learning to Healthcare Management and Policy) 3-3-0
- M2072.001200 네트워크와 건강(Networks and health) 3-3-0
- M2072.001300 젠더주류화의 방법과 도구(Methods and Tools for Gender Mainstreaming) 1-1-0
- M2072.001400 보건정책 분석을 위한 프로그램평가 방법론 활용(Application of Program Evaluation Methods for Health Policy Analysis) 1-1-0
- M2072.001500 보건학을 위한 텍스트 분석(Text analysis for Public Health) 1-1-0
- M2073.001900 국제보건실습(Global Health Field Practicum) 3-0-6
- M2073.002000 국제보건연구방법론(Global Health Research Methods) 3-3-0
- M2072.000300 건강연구 질적조사방법(Qualitative Methods in Health Research) 3-3-0
- M2191.001400 보건의사결정분석(Decision Analysis in Public Health) 3-3-0
- M2191.001500 국제보건세미나(Seminar on Global Health Issues) 1-1-0
- M2191.001600 국제보건사업 개발 및 평가(Planning and Evaluation of Global Health Programs) 3-3-0

905. 보건학전공(Public Health)

- 900.516A 환경역학(Environmental Epidemiology) 3-3-0
- M2191.002200 산업역학(Occupational Epidemiology) 3-3-0
- 901.777A 출산력분석(Analysis of Human Fertility) 3-3-0
- 902.524B 만성병역학(Epidemiology of Chronic Non-communicable Disease) 3-3-0
- 902.538B 노화역학(Epidemiology of Aging) 1-1-0
- 902.571 보건통계자료처리론(Data Processing in Health Research) 3-3-0
- 902.611 선형통계분석(Linear Statistical Analysis) 3-3-0
- 902.621A 보건영양역학(Nutritional Epidemiology in Public Health) 3-3-0
- 902.650A 보건영양학(Public Health Nutrition) 3-3-0
- 902.652A 지역사회영양평가(Nutritional Assessment) 3-3-0
- 902.655 역학특강 및 백신학(Topics in Epidemiology and Vaccinology) 2-2-0
- 902.662B 기후변화와 건강특론(Topics of Climate Change and Health) 3-3-0

902.668	사회역학론(Social Epidemiology) 3-3-0	3-3-0
902.670A	감염병역학(Epidemiology of infectious diseases) 3-3-0	M2073.003100 보건학을 위한 기계학습(Machine Learning For Public Health Sciences) 3-3-0
902.671	보건통계학 연습(Practice of Biostatistics) 1-1-0	M2073.003200 재난역학(Disaster Epidemiology) 3-3-0
902.673	가족-쌍둥이 분석방법론(Analytic Methods in family-twin study) 3-3-0	M2073.003300 보건공간정보실습(Practice for Public Health Spatial Data Technologies) 3-3-0
902.674	맞춤형 보건의료론(Personalized Health and Medicine) 3-3-0	M2073.003600 임상시험디자인 통계분석 2 (Statistical Analysis for Clinical Trial 2) 3-3-0
902.682A	다빈도 복합질환의 역학 1(Common Complex Disease Epidemiology 1) 3-3-0	M2073.003700 다중오믹스-보건 자료 통합 분석(Integrative analysis methods with multi-omics and public health data) 3-3-0
902.686	보건학통계방법론(Statistical methods in Public Health) 3-3-0	M2073.003800 건강 복합재난 세미나 1 (Seminar on complex public health disasters) 1-1-0
902.694	최신 역학연구 동향 세미나1: 방법론(Seminar on recent trends in epidemiologic research 1: Methodology) 1-1-0	M2073.003900 보건학을 위한 생존분석(Survival Analysis For Public Health Sciences) 3-3-0
902.695	최신 역학연구 동향 세미나2: 새로운 성과(Seminar on recent trends in epidemiologic research 2: New results) 1-1-0	M2073.004000 인구추계의 적용과 활용(Advanced Application of Population Projection) 1-1-0
902.701	국제보건역학(Global Health Epidemiology) 3-3-0	M2073.004300 중급역학: 인과성과 인과적 분석-1 유전적 무작위 배정과 공개자료 활용(Intermediate Epidemiology: Causality Inference-1 Mendelian Randomization and Application) 1-1-0
902.703	mHealth의 이해(Understanding mHealth) 3-3-0	
M2059.000200	유행병 모형 연구(Research in Epidemic Models) 1-1-0	
M2073.000100	역학실습세미나1: 사례연구(Seminar on Practice of Epidemiology 1: Case Studies) 1-1-0	
M2073.000200	역학실습세미나2: 적용(Seminar on Practice of Epidemiology 2: Application) 1-1-0	
M2073.000300	통계실습세미나1: 사례연구(Seminar on Practice of Biostatistics 1: Case Studies) 1-1-0	
M2073.000400	통계실습세미나2: 적용(Seminar on Practice of Biostatistics Application) 1-1-0	
M2073.000600	고급보건통계이론 Advanced(Theory for Health Statistics) 3-3-0	
M2073.000700	유전체 역학2(Genome Epidemiology2) 3-3-0	
M2073.000800	생명정보학의 이해(Understanding Bioinformatics) 3-3-0	
M2073.000900	생명정보학 응용(Application of Bioinformatics) 3-3-0	
M2073.001100	최신 역학연구 동향 세미나 3 : 보건학적 함의 (Seminar on recent trends in epidemiologic research 3: Public Health Implications) 1-1-0	
M2073.001200	최신 역학연구 동향 세미나 4 : ICT 기술 및 Big Data(Seminar on recent trends in epidemiologic research 4: ICT Technology and Big Data) 1-1-0	
M2073.001300	ICT 기술기반 지역사회 건강증진 및 실습 (ICT-based community health promotion and practice) 3-1-4	
M2073.001400	지역사회보건 서비스 디자인 및 실습 (community health service design and practice) 3-2-2	
M2073.001500	시공간역학 및 실습(Spatiotemporal Epidemiology in Practice) 3-2-2	
M2073.001600	손상역학(Injury Epidemiology) 3-2-2	
M2073.001700	법역학(Forensic Epidemiology) 3-3-0	
M2073.001800	역학고전강독(Reading the Classics of Epidemiology) 3-3-0	
M2073.002100	R과 Python을 이용한 역학연구(Epidemiologic Research with R and Python) 3-3-0	
M2073.002200	인구학 방법론(Research Techniques for Demography) 1-1-0	
M2073.002300	인구학의 이해(Understanding Demography) 3-3-0	
M2073.002400	고급보건자료처리론(Advanced Computational Programming for Public Health Data Analysis) 3-3-0	
M2073.003500	임상시험디자인 통계분석 1 (Statistical Analysis for Clinical Trial 1) 3-3-0	
M2073.002600	통계적 인과성추론(Statistical Causal Inference)	

교과목 이수규정

(Departmental Course Requirements)

- ① 박사과정 보건학과 과목을 전공과목으로 이수할 수 있음.
- ② 석사 2부생의 학위취득 최소소요학점 : 24학점

903. 환경보건학과

(Department of Environmental Health Sciences)

석사과정(Master's Courses)

901.771A	환경미생물학 및 실험(Environmental Microbiology and Laboratory), 3-2-2
903.501A	환경화학(Environmental Chemistry) 3-3-0
903.503A	대기오염개론(Introduction to Air Pollution) 1-1-0
903.524	수질오염관리(Water Pollution Management) 3-3-0
903.532B	작업환경측정 및 실험(Sampling and Analysis of Industrial Environment) 3-2-2
903.534	산업독성학(Industrial Toxicology) 2-2-0
903.535	산업의학개론(Introduction to Occupational Medicine) 3-3-0
903.549	산업환기(Industrial Ventilation) 3-3-0
903.550B	산업위생학(Industrial Hygiene) 3-3-0
903.555A	에어로졸오염관리개론(Introduction to Aerosol Science and Technology) 3-3-0
903.556B	환경보건특강 및 세미나(Environmental Health Seminar) 1-1-0
903.557A	환경독성학개론(Introduction to Environmental Toxicology) 3-3-0
903.558B	환경보건개론(Introduction to Environmental Health) 3-3-0
903.560B	환경보건위해성평가론(Environmental Health Risk Assessment) 3-3-0
903.565	실내환경학(Indoor Environmental Quality) 3-3-0
903.566	노출평가개론(Introduction to Exposure Assessment) 3-3-0
903.567	생물학적 유해요인과 환경보건(Biological Agents and Environmental Health) 3-3-0
903.570	환경보건학을 위한 독물 동력학(Toxicokinetics in Environmental health) 3-3-0
903.574	보건대기미생물학개론(Aerobiology and Public Health) 3-3-0
903.576	환경보건물리학(Physics for Environmental Health Sciences) 3-3-0

903.578	미생물유전체 연구(Advanced Studies on Microbial Genomics) 3-3-0
M0.003100	신종 유해화학물질과 노출체(Emerging Contaminants and Exposome) 3-3-0
M0.004300	소비자노출위해성평가(Consumer Exposure and Risk Assessment) 1-1-0
M0.004400	대기 화학 특론(Advanced Atmospheric Chemistry) 3-3-0
M0.004500	입자 물리 화학(Aerosol Chemistry and Physics) 3-3-0
M0.004600	소비자 통합노출위해성평가의 적용(Application of Integrated Exposure and Risk Assessment for Consumer) 1-1-0
M0.005400	직업역학(Occupational Epidemiology) 3-3-0
M0000.016400	인체 마이크로비옴 및 건강 특강(Topics in Human Microbiome and Health) 3-3-0
M0000.016600	전자산업의 산업보건(Occupational Health in Electronic Industry) 3-3-0
M0000.021400	환경보건정책의 이해(Understanding Environmental Health Policy) 3-3-0
M0000.029800	환경보건 진로탐구(Workshop for Career Development in Environment and Policy) 2-1-2
M0000.020200	지속가능한 환경보건(Sustainable Health and Environment With Global Perspectives) 2-2-0
M2191.001100	환경보건 자료분석(Statistical analysis for environmental health data) 3-3-0
M2191.001200	바이오모니터링과 인체노출평가(Human exposure assessment using biomonitoring) 3-3-0
M2191.001300	환경보건 분자독성학 원론(Principles and practices of human exposure assessment) 3-3-0
M2191.000800	환경 화학물질과 건강(Environmental Chemicals and Human Health) 1-1-0
M2070.000200	글로벌환경보건실습(Global Environmental Health Practicum) 3-0-6

교과목 이수규정

(Departmental Course Requirements)

- ① 박사과정 보건학과 과목을 전공과목으로 이수할 수 있음.
- ② 석사 2부생의 학위취득 최저소요학점 : 24학점

920. 행정대학원

(Graduate School of Public Administration)

921. 행정학과

(Department of Public Administration)

석사과정(Master's Courses)

공통과목(Core Courses)

- 920.501 공공인턴십(Public Internship) 3-0-6
- 920.611 행정이론(Administrative Theory) 3-3-0
- 920.620 경제분석(Economic Analysis) 3-3-0
- 920.621 행정법(Administrative Law) 3-3-0
- 920.622 공공윤리와 리더십(Ethics and Leadership) 3-3-0
- M2083.001200 계량분석 1(Quantitative Analysis I for Public Administration and Policy) 3-2-2
- M2083.000700 계량분석 2(Quantitative Analysis II for Public Administration and Policy) 3-2-2
- 920.651 조사방법론(Research Methods for Public Administration and Policy) 3-3-0
- 920.658 정책이론(Theories of Public Policy) 3-3-0
- M2083.001100 인공지능과 공공정책(Artificial Intelligence and Public Policy) 3-3-0

921A. 행정학전공(Public Administration)

석사과정(Master's Courses)

- 921.505A 공공조직론(Theories of Public Organizations) 3-3-0
- 921.506A 인적자원관리(Human Resource Management in the Public Sector) 3-3-0
- 921.507A 재무행정론(Financial Administration) 3-3-0
- 921.513A 지방행정론(Local Administration) 3-3-0
- 921.516 비교행정(Comparative Administration) 3-3-0
- 921.529 정부간관계론(Intergovernmental Relations) 3-3-0
- 921.530 현대 복지국가의 거버넌스(Governing the Welfare State in Post-modern Era) 3-3-0
- 921.567 환경과 행정(Environment and Public Administration) 3-3-0
- 920.571 공기업론(Government Enterprise) 3-3-0
- 921.614A 행정정보체계론(Administrative Information System) 3-3-0
- 921.615B 부패와 정부(Corruption and Government) 3-3-0
- 921.616B 성과관리론(Performance Management in Public Sector) 3-3-0
- 921.617A 시민참여론(Civil Participation) 3-3-0
- 921.618 국가와 행정(State and Public Administration) 3-3-0
- 921.619 행정과 사회이론(Public Administration and Social Theory) 3-3-0
- 921.623 한국행정사(History of Korean Public Administration) 3-3-0
- 921.652 행정과 기업(Public Administration and Business) 3-3-0
- 921.665 도시정책(Urban Policy) 3-3-0
- 921.679A 행정과 커뮤니케이션(Public Administration and Communication) 3-3-0
- M2193.000600 기업과 정부회계(Corporate and Government Accounting) 3-3-0
- M2083.000200 글로벌 비교정치학(Global Comparative Politics) 3-3-0
- M2083.000300 미국의 외교정책론(US Foreign Policy Study) 3-3-0

921B. 정책학전공(Public Policy)

석사과정(Master's Courses)

- 924.523 재정정책(Fiscal Policy) 3-3-0

- 924.544 경제정책(Economic Policy) 3-3-0
- 924.556 비용편익분석(Cost-Benefit Analysis) 3-3-0
- 924.591 외교정책(Foreign Policy) 3-3-0
- 924.595 산업정책(Industrial Policy) 3-3-0
- 924.600 규제정책(Regulatory Policy) 3-3-0
- 924.601 통상정책(Trade Policy) 3-3-0
- 924.659 정책과정론(Policy Process Theory) 3-3-0
- 924.661 계획론(Planning Theory) 3-3-0
- 924.662 정책분석(Policy Analysis) 3-3-0
- 924.666 문화정책(Cultural Policy) 3-3-0
- 924.667 방송통신정책(Communications Policy) 3-3-0
- 924.669 경쟁정책(Competition Policy) 3-3-0
- 924.671 교육인적자원정책(Education and Human Resources Policy) 3-3-0
- 924.673 대통령의 정책관리(Presidential Management of Public Policies) 3-3-0
- 924.674 환경정책과 법(Environmental Policy and Law) 3-3-0
- 924.677 정보화와 전자정부(Information Society and Electronic Government) 3-3-0
- 924.678 인터넷정책과 법(Internet Policy and Law) 3-3-0
- M2083.000100 금융시장 규제정책(Financial Market Regulatory Policy) 3-3-0
- M2083.000400 발전국가와 산업정책(Developmental State and Industrial Policy) 3-3-0
- M2083.000500 과학기술정책연구(Science and Technology Policy) 3-3-0

921C. 글로벌행정전공(Global Public Administration)

석사과정(Master's Courses)

- M2856.000100 글로벌 행정이론(Theories of Global Public Administration) 3-3-0
- M2856.000200 통계분석(Statistical Analysis of Public Administration) 3-2-2
- M2856.000300 사회조사방법론(Social Research Methods of Public Administration) 3-3-0
- M2856.000400 글로벌 리더십과 공공윤리(Global Leadership and Public Ethics) 3-3-0
- M2083.001700 글로벌 정책이론(Theories of Global Public Policies) 3-3-0
- M2856.000600 경제와 행정(Economics and Public Administration) 3-3-0
- M2856.000700 인사행정론(Public Personnel Administration) 3-3-0
- M2856.000800 정부와 투명성(Government and Transparency) 3-3-0
- M2856.000900 조직과 행정(Organization and Public Administration) 3-3-0
- M2856.001000 도시정부론(Urban Government) 3-3-0
- M2856.001100 글로벌시대의 발전정책(Development Policies in the Global Context) 3-3-0
- M2856.001200 외교와 정책(Diplomacy and Policy) 3-3-0
- M2856.001300 국제정치론(International Politics) 3-3-0
- M2856.001400 중앙-지방 관계(Central-local Relations) 3-3-0
- M2856.001500 국제통상정책론(International Trade Policy) 3-3-0
- M2856.001600 정부와 시장(Government and Market) 3-3-0
- M2856.001800 공공정책과 커뮤니티 웰빙(Public Policy and Community Wellbeing) 3-3-0
- M2856.001900 증거기반 공공정책 관리(Evidence-based public policy and management) 3-3-0

925. 공기업정책학과
(Department of Public Enterprise Policy)

석사과정(Master's Courses)

- 925.501 공기업조사통계(Statistics for Public Enterprise Management) 3-2-2
- 925.502 공기업정책론(Policy of Public Enterprise) 3-3-0
- 925.503 공기업 조직·인사론(Management of Public Enterprises) 3-3-0
- 925.504A 공기업 재무회계(Financial Accounting) 3-3-0
- 925.505 공기업 경영전략(Public Enterprise Strategy) 3-3-0
- 925.506 공기업과 성과관리(Performance Management in Public sector) 3-3-0
- 925.507 공기업과 지역사회(Public Enterprise and Community) 3-3-0
- 925.511 공기업과 커뮤니케이션(Public Enterprise and Communication) 3-3-0
- 925.512 거버넌스와 공기업정책(Policy Making and Implementation of Public Enterprises in the Era of Governance) 3-3-0
- 925.513 공기업 정책분석·평가 (Policy Analysis and Evaluation) 3-3-0
- 925.514 공기업 정책과정(Policy Process of Public Enterprise) 3-3-0
- 925.515 공기업 규제개혁론(Issues of Regulatory Reform :

- Case-Study Approach) 3-3-0
- 925.518A 공기업법(Public Enterprise Law) 3-3-0
- 925.519 공기업 의사결정론(Decision Making Theory in Public Enterprise) 3-3-0
- 925.520 공공정책과 갈등관리(Conflict Management and Public Policy) 3-3-0
- 920.651 조사방법론(Research Methods for Public Administration and Policy) 3-3-0
- M0000.004900 공기업과 도시공공서비스(Public Corporation and Urban Public Services) 3-3-0
- M0000.006500 사회기반시설 정책(Infrastructure Policy) 3-3-0
- M2089.000100 공기업 정책수단론(Public Enterprise and Policy Instruments) 3-3-0
- M2089.000200 시장과 정부(Market and Government) 3-3-0
- 920.620 경제분석(Economic Analysis) 3-3-0
- M2193.001000 공기업과 산업·통상정책(Public Enterprise and Industrial Policy) 3-3-0
- 925.508 공기업 정보정책 및 관리(Corporate Information Policy and Management) 3-3-0
- M2193.001100 공기업과 공공정책(Public Policy and Public Enterprise) 3-3-0

교과목 이수규정
(Departmental Course Requirements)

학과내규에 의함.

940. 환경대학원

(Graduate School of Environmental Studies)

공통과목(Extrdepartmental Courses)

- 940.501 환경계획·설계(Environmental Planning and Design) 3-3-0
- 940.803 대학원논문연구(Reading and Research) 3-3-0
- M2195.000800 도시·환경 국제개발워크숍(International Development Workshop on Urban and Regional Environment) 3-2-2
- M0000.007400 도시·환경 인턴십(Internship on City and Environment) 2-0-4
- M2097.000600 공간융복합연구방법(Spatially Integrated Research Methods) 3-2-2
- M2195.001100 지속가능성: 현안과 도전(Sustainability Current Issues and Challenges) 3-3-0

941. 환경계획학과

(Department of Environmental Planning)

석사과정(Master's Courses)

공통과목(Core Courses)

- 941.511 계획이론(Planning Theory) 3-3-0
- 941.610 지리정보체계(Geographic Information System) 3-2-2
- 941.614B 도시통계분석(Statistical Methods for Planning) 3-3-0
- *941.687A 도시 및 환경정책세미나(Seminar in Urban and Environmental Policy) 3-3-0
- M2097.000300 기후변화적응전략 세미나(Seminar on Climate Change Adaptation Strategies) 3-3-0
- M2097.000400 기후변화적응: 이론과 실제(Climatic Change Adaptation: Theory and Practice) 3-3-0
- M2097.002100 고급도시계량분석(Advanced Urban Quantitative Analysis) 3-3-0

도시 및 지역계획학전공(Urban and Regional Planning Major)

- 941.512A 도시·지역분석(Urban and Regional Analysis) 3-3-0
- 941.513B 기반시설계획론(Infrastructure Planning) 3-3-0
- 941.514B 도시·지역경제학(Urban and Regional Economics) 3-3-0
- 941.521B 토지이용계획론(Land Use Planning) 3-3-0
- 941.522 계획법(Planning Law) 3-3-0
- 941.533A 도시계획사(Planning History) 3-3-0
- 941.622A 도시계획론(Urban Planning) 3-3-0
- 941.623B 도시재생(Urban Regeneration) 3-3-0
- 941.641B 국토·지역계획론(Regional Planning) 3-3-0
- 941.659B 토지·주택정책(Land and Housing Policy) 3-3-0
- 941.660A 도시사회론(Urban Sociology) 3-3-0
- *941.663 도시·지역세미나(Seminar in Urban and Regional Issues) 3-3-0
- M2097.000700 도시 형태와 에너지(Urban Form and Energy) 3-3-0
- M2097.000800 통일과 도시계획(Korean Unification and Urban Planning) 3-3-0
- M2097.000900 스마트도시의 계획과 관리(Planning and Management of Smart City) 3-3-0
- M2097.001100 젠더와 도시계획(Gender and Urban Planning) 3-3-0
- M2097.001200 도시 모델링 및 계획지원시스템(Urban Modeling and Planning Support Systems) 3-3-0
- M2097.001500 공간계획 질적연구방법론(Qualitative Methodologies in Spatial Planning) 3-3-0
- M0.001800 지속가능도시를 위한 시스템 접근법(Systems

- Approach for Sustainable Cities) 3-3-0
- M0.001900 지속가능한 문화기반 도시재생(Sustainable Culture-led Urban Regeneration) 3-3-0
- M0.002400 문화와 전환도시(Culture and Transition City) 3-3-0
- M0.002500 지속가능한 지역혁신(Sustainable Regional Innovation) 3-3-0
- M0.002600 스마트도시와 사회혁신 1(Smart City and Social Innovation 1) 3-3-0
- M0.002900 인공지능과 도시 계획 및 설계 1(Artificial Intelligence in Urban Planning and Design 1) 3-3-0
- M0.003800 탄소중립 도시계획 (Urban Planning for Carbon-Neutral Cities) 3-3-0

교통학전공(Transportation Studies Major)

- 941.527 교통공학(Traffic Engineering) 3-3-0
- 941.528 교통계획(Transportation Planning) 3-3-0
- 941.530 교통경제학(Transportation Economics) 3-3-0
- 941.531A 교통신호운영(Traffic Signal Operation) 3-3-0
- 941.587 대중교통관리(Mass Transit Management) 3-3-0
- M0.004100 물류체계(Logistics Systems) 3-3-0
- *941.592A 물류체계세미나(Seminar in Logistics Systems) 3-3-0
- 941.671 교통공학실습(Traffic Engineering Practice) 3-2-2
- M0.004000 철도교통(Rail Transportation) 3-3-0
- M0.003900 지속가능한 교통(Sustainable Transportation) 3-3-0
- M0.004200 교통정책(Transportation Policy) 3-3-0
- M0000.029600 교통안전(Transport Safety) 3-3-0
- M0.002700 보행교통(Pedestrian Transport) 3-3-0
- 941.589B 지능형교통체계세미나(Seminar in Intelligent Transportation System) 3-3-0
- 941.590 교통계획세미나(Seminar in Transportation Planning) 3-3-0

환경관리학전공(Environmental Management Major)

- 941.551 환경학의 최신이슈(Current Issues in Environmental Studies) 3-3-0
- 941.576 대기관리(Air Quality Management) 3-3-0
- 941.577 수질관리(Water Quality Management) 3-3-0
- 941.578 환경생태학(Environmental Ecology) 3-3-0
- 941.581 기후변화정책(Climatic Change Policies) 3-3-0
- 941.680 토양환경학(Soil Environment) 3-3-0
- 941.688 환경원격탐사(Remote Sensing of Environment) 3-3-0
- *941.689A 환경관리특강(Topics in Environmental Management) 3-3-0
- 941.690 환경실험(Environmental Laboratory) 3-0-6
- *941.693A 환경관리세미나(Seminar in Environmental Management) 3-3-0
- 941.699 환경경제학(Environmental Economics) 3-3-0
- M0000.006700 지속가능한 폐기물관리(Sustainable Waste Management) 3-3-0
- M0000.006800 유해화학물질의 환경동역학(Process Dynamics of Hazardous Chemicals in The Environment) 3-3-0
- M2097.001000 기후변화와 환경오염(Climatic Change and Environmental Pollution) 3-3-0
- M0000.028800 도시 기후생태학(Urban ecological climatology) 3-3-0

도시·사회혁신전공(Urban and Social Innovation Major)

- M2097.001300 공공민간협동개발(Public and Private Development) 3-3-0
- M2097.001400 도시사회혁신 리빙랩I(Urban and Social Innovation Living Lab I) 3-3-0
- M2097.001600 도시사회혁신 리빙랩II(Urban and Social Innovation Living Lab II) 3-3-0
- *M2097.001700 도시혁신 세미나(Seminars in Urban Innovation)

- 3-3-0
- M3206.000100 사회적 경제와 정책(Social Economy and Policy) 3-3-0
- M3206.000200 실험 및 준실험적 정책평가(Experimental and Quasi-experimental Policy Evaluation) 3-3-0
- M3206.000300 도시웰빙(Urban Well-Being) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Environmental Planning)
환경대학원 환경계획학과 교과목 이수규정 참조

942. 환경조경학과
(Department of Landscape Architecture)

석사과정(Master's Courses)

공통과목(Core Courses)

- 942.631 환경보전과 관리(Environmental Conservation and Management) 2-2-0
- 942.641 도시오픈스페이스계획과 설계(Urban Open Space Planning and Design) 4-4-0
- 942.653A 역사속의 환경설계(Environmental Design in History) 2-2-0
- 942.666 경관의 역사(Seminar on Landscape System Analysis) 3-3-0
- 942.670 조경공간·형태 설계스튜디오(Landscape Form and Space Design Studio) 4-4-0
- 951.672 도시공원 계획과 관리(Urban Park Planning and Management) 2-2-0
- M2100.001300 가상경관 설계기법(Virtual Landscape Design Techniques) 3-3-0

환경조경학전공(Environmental Landscape Major)

- M0000.005700 환경설계와 디지털 미디어(Environmental Design and Digital Media) 3-3-0
- M0000.017700 생태과정과 디자인 워크숍(Workshop for Ecological Process and Design) 3-3-0
- M0000.017900 조경세미나(Seminar in Landscape Architecture) 2-2-0
- M0000.018000 광역조경계획(Regional Landscape Planning) 4-4-0
- M0000.018100 생물다양성과 환경계획(Biodiversity and Environmental Planning) 2-2-0
- M0000.018200 환경모니터링과 평가(Environmental Monitoring and Assessment) 3-3-0
- M0000.018300 환경·생태계획(Environmental and Ecological

- Planning) 3-3-0
- M0000.018400 조경식물소재(Plant Materials) 3-3-0
- M0000.018500 재식설계(Planting Designs) 4-4-0
- M0000.018600 여가공간설계(Leisure and Recreational Space Design) 4-4-0
- M0000.018700 경관의해석(The Interpretation of Landscapes) 3-3-0
- M0000.018900 문화와공간행태(Culture and Spatial Behavior) 3-3-0
- M0000.019100 경관체계분석 세미나(Seminar on Landscape System Analysis) 3-3-0
- M0000.019400 정원 설계(Garden Design) 4-4-0
- M0000.028400 커뮤니티 참여디자인 방법론(Community Participatory Design Method) 3-3-0

도시환경설계전공(Urban Environmental Design Major)

- M2968.000100 문화환경세미나(Seminar in Cultural Environment) 3-3-0
- M2968.000200 커뮤니티계획과설계(Community Planning and Design) 4-4-0
- M2968.000300 도시재생 스튜디오(Urban Regeneration Studio) 4-4-0
- M2968.000400 도시설계의 과제와 방법(Issues and Methods in Urban Design) 2-2-0
- M2968.000500 환경설계 스튜디오(Environmental Design Studio) 4-4-0
- M2968.000600 단지설계(Site Design) 4-4-0
- M2968.000700 도시공간 연구 스튜디오(Urban Space Research Studio) 4-4-0
- M2968.000800 도시장소와도시건축(Urban Places and Urban Architecture) 2-2-0
- M2968.000900 도시설계리빙랩(Urban Design Living Lab) 4-4-0
- M0000.019200 도시경관시스템 스튜디오(Urban Landscape System Studio) 4-4-0
- M2100.001400 도시환경 연구설계의 이해(Understanding Analytical Methods for Urban Environmental Research Design) 2-2-0
- M2968.001200 정량적 도시환경 연구 방법론(Quantitative Research Methods in the Urban Environment) 3-3-0
- M2968.001400 도시디자인·개발실습 세미나(City Design Practice Seminar) 2-2-0

전공선택 인정과목

(Credited as Major Elective for Dept. of Landscape Architecture)
환경대학원 환경조경학과 과목 이수규정 참조

870. 국제대학원
(Graduate School of International Studies)

875. 국제학과
(Department of International Studies)

공통과목(Core Courses)

- 875.512 국제경제관계의 이해(International Economic Relations) 3-3-0
- 875.520 국제협력의 이해(International Cooperation) 3-3-0
- 875.532 동아시아지역의 이해(Understanding East Asia) 3-3-0
- 875.810 조사방법론(Research Methodology and Skills) 3-2-2
- 875.823 비교방법론(Comparative Methodology) 3-2-2
- M2048.000300 국제지역 개발의 융합적 접근(Interdisciplinary Approaches to Studies of International Area and Development) 3-2-2
- M2048.000400 국제지역·개발 연구를 위한 연구윤리 (Research Ethics of International Area Studies and Development) 1-1-0
- M2048.000600 국제개발의 이해 (Understanding International Development) 3-3-0
- M2050.001500 국제법 실무의 이해 (Understanding International Law Practice) 3-3-0
- *M2190.001200 국제개발세미나(Seminar on International Development) 3-3-0

875A. 국제통상전공(International Commerce)

- 8751.511 국제금융의 세계 : 시장, 기관, 정책(International Financial World : Markets, Institutions and Policies) 3-2-2
- 8751.514 통상협상의 역사와 사례(Multilateral Trade Negotiations: History and Major Rounds) 3-2-2
- *8751.515 국제통상연습 1(Workshop in International Commerce 1) 3-2-2
- *8751.518A 국제통상특강(Topics in International Commerce) 3-3-0
- 8751.615 국제통상법의 이해(Understanding International Trade Law) 3-3-0
- 8751.619A 글로벌 경영전략(Global Business Strategy) 3-2-2
- *8751.620 국제통상연습 2(Workshop in International Commerce 2) 3-2-2
- 8751.621A 국제경영관계(International Business Relations) 3-3-0
- 8751.716 통상협상특수연구(Special Studies in Trade Negotiations) 3-3-0
- 8751.718 세계무역기구와 다자간무역협정(World Trade Organization and Multilateral Trade Agreements) 3-3-0
- 8751.720 해외직접투자(Foreign Direct Investment) 3-2-2
- 8751.722 환율과 국제거시경제 분석(Exchange Rates and International Macroeconomics) 3-2-2
- 8751.803 대학원논문연구(Dissertation Research) 3-3-0
- 8751.812 국제협상시뮬레이션게임(International Negotiation Simulation Game) 3-2-2
- *8751.814 국제통상세미나 1(Seminar in International Commerce 1) 3-2-2
- *8751.821 국제통상세미나 2(Seminar in International Commerce 2) 3-2-2
- 8751.828 국제금융 쟁점과 사례분석(Major Issues and Case Studies in International Finance) 3-2-2
- M2050.001100 인공지능시대의 일자리(Jobs in the era of Artificial Intelligence) 3-3-0

- M2050.001200 국제통상 데이터 분석 (Data Analytics for International Commerce) 3-3-0
- M2050.001300 국제통상법과 정책: ASEAN, EU 및 미국의 관점 (Global Trade Law and Policy: ASEAN, EU and US Perspectives) 3-3-0
- M2050.001400 국제통상체제에서의 미중 분쟁과 아시아 (US-China Trade War and Asia in the World Trading System) 3-3-0
- M2190.001100 경제외교의 이해(Economic Diplomacy: Theory and Practice) 3-3-0
- M2190.001300 국제무역통상이론(Theory of International Trade and Commerce) 3-3-0
- M2190.001400 국제경제정책 평가분석 방법론(Quantitative Methods for Economic Policy Analysis) 3-2-2

875B. 국제협력전공(International Cooperation)

- 8752.515 국제법(International Law) 3-3-0
- *8752.516 국제협력연습 1(Workshop in International Cooperation 1) 3-2-2
- 8752.520 초국경이슈와 국제협력사례연구(Case Studies on Transnational Issues and International Cooperation) 3-2-2
- 8752.613 국제정치경제의 이해(Understanding International Political Economy) 3-3-0
- *8752.616 국제협력연습 2(Workshop in International Cooperation 2) 3-2-2
- 8752.715 국제기구론(International Organization) 3-3-0
- *8752.717 국제협력특수연구(Special Studies in International Cooperation) 3-2-2
- 8752.803 대학원논문연구(Dissertation Research) 3-3-0
- 8752.813 세계질서의 변화와 한국(Changing World Order and Korea) 3-2-2
- 8752.814 국제인권과 난민문제의 이해(Understanding International Human Rights and Refugee Issues) 3-3-0
- *8752.815 국제협력세미나 1(Seminar in International Cooperation 1) 3-2-2
- *8752.827 국제협력연구프로젝트(Research Project in International Cooperation) 3-2-2
- 8752.829 동아시아의 국가안보전략(East Asian National Security Strategy) 3-3-0
- M2051.000200 국제안보의 이해(Understanding International Security) 3-2-2
- M2051.000600 국제분쟁해결 사례연구(Case Studies in International Dispute Settlement) 3-2-2
- M2051.000700 국제협력과 사회경제개발(International Cooperation and Social and Economic Development) 3-2-2
- M2051.000800 세계화시대의 국가, 자본, 노동(State, Capital, and Labor in the era of Globalization) 3-2-2
- M2190.000400 동아시아 정치발전과 경제협력(Political Development and Economic Cooperation in East Asia) 3-2-2
- M2190.000800 글로벌 남반구 연구(Global South Studies) 3-3-0

875F. 국제개발전공(International Development)

- 876.501 국제개발정책론(International Development Policy) 3-3-0
- *876.503 국제개발협력론(Global Development and Development Cooperation) 3-2-2
- M2048.000200 경제성장과 국제개발(Economic Growth and International Development) 3-3-0
- M2048.000500 지속가능발전과 지속가능평화(Sustainable Development & Sustaining Peace) 3-3-0
- M2050.000200 국제개발 고급분석(Advanced Topics in International Development) 3-3-0

M2050.000300 국제개발협력 정책 및 체계 연구(Studies of International Development Cooperation Policy and System) 3-2-2	8753.543 동아시아은행과 금융(Banking and Finance in East Asia) 3-3-0
M2050.000500 국제개발 고전강독(International Development Classic Readings) 3-3-0	8753.623 중국기업문화연구(Study of China's Business Culture) 3-2-2
M2050.000800 과학기술혁신과 개발의 이해(Understanding Science and Technology Innovations and Development) 3-2-2	8753.624 중국의 권력구조와 정치체계(Power and Politics in Contemporary China) 3-3-0
M2050.000900 한국 경제성장과 발전과정의 이해(Understanding Korean Economic Growth and Development Process) 3-3-0	8753.642 일본의 정치와 외교(The Politics and Diplomacy of Japan) 3-3-0
M2050.001000 국제개발 정책평가(Impact Evaluation for Development Policies) 3-2-2	8753.643 일본의 경제와 산업(Japanese Economy and Industry) 3-3-0
M2051.000100 국제개발협력의 이해(Understanding International Development Cooperation) 3-2-2	8753.644 일본의 사회와 문화(Japanese Society and Culture) 3-3-0
M2051.000900 젠더와 개발(Gender and Development) 3-3-0	8753.645 일본기업사례연구(Case Studies in Japanese Firms) 3-2-2
M2051.001000 젠더와 노동(Gender and Labor) 3-2-2	8753.664A 아시아의 경제발전과 리더십(Economic Development and Leadership in Asia) 3-2-2
M2051.001100 젠더와 인권(Gender and Human Rights) 3-2-2	8753.666 동아시아국제관계의 이해(Understanding International Relations in East Asia) 3-3-0
M2190.000300 국제개발의 사회정치이론(Social and Political Theories on International Development) 3-3-0	8753.667A 동아시아시민사회의 이해(An Understanding Civil Societies in East Asia) 3-3-0
M2190.001000 국제개발연구(International Development Study) 3-3-0	8753.677 동남아의 정치경제(Political Economy of Southeast Asia) 3-3-0
M3459.000100 개발원조사업의 수행과 평가(Implementation and Evaluation of Aid Projects) 3-2-2	8753.722 중국과 세계경제연습(Workshop in China and World Economy) 3-2-2
*M3459.000200 국제개발세미나 1(Seminar in International Development 1) 3-2-2	8753.724 현대중국의 사회현황과 문제(Current Issues in Chinese Society) 3-3-0
*M3459.000300 국제개발세미나 2(Seminar in International Development 2) 3-2-2	8753.810 현대일본정치의 이론과 쟁점(Theories and Issues in Contemporary Japanese Politics) 3-3-0
875C. 국제지역학전공(International Area Studies)	8753.814 한일기업비교연구(Comparative Studies in Korean and Japanese Firms) 3-2-2
<공통과목>	8753.892 중국대외관계의 현황과 쟁점(Current Issues in China's Foreign Relations) 3-2-2
8753.511 현대세계정치의 이해(Contemporary World Politics: Theory and Case) 3-3-0	8753.895 동아시아의 경제발전과 민주화(Economic Development and Democratization in East Asia) 3-3-0
*8753.594 지역연구연습(Seminar on Area Studies) 3-2-2	M2052.000300 현대일본사회의 불평등(Social Inequality in Contemporary Japan) 3-3-0
8753.595A 동아시아 경제발전의 이해(Understanding East Asian Economic Development) 3-3-0	M2052.000400 한국과 동남아 관계(Korea-Southeast Asia Relations) 3-3-0
8753.596A 세계금융발전론(Financial Development of World) 3-3-0	M2190.001500 동남아 국제관계의 이해(International Relations of Southeast Asia) 3-3-0
*8753.614A 지역연구프로젝트 2(Research Project in International Area Studies 2) 3-2-2	<미주지역>
8753.615 지역통화금융통합연구(Studies in Regional Monetary and Financial Integration) 3-2-2	8753.513 한미관계사연구(Studies in History of Korean-American Relationship) 3-2-2
8753.803 대학원논문연구(Dissertation Research) 3-3-0	8753.612 미국의 대외정책(American Foreign Policy) 3-3-0
8753.811 지역통합비교연구: 유럽과 아시아(Comparative Studies in Regional Integration: The Case of Europe and Asia) 3-3-0	8753.772 중남미의 경제발전(Economic Development of Latin America) 3-3-0
8753.816 지역연구프로젝트 3(Research Project in International Area Studies 3) 3-2-2	8753.897 중남미사회와 문화(Latin American Society and Culture) 3-3-0
8753.889 글로벌시장과 마케팅의 이해(Understanding the Global Market and Marketing) 3-2-2	<유럽지역>
8753.894A 지역연구의 쟁점(Topics in Area Studies) 3-2-2	8753.636 유럽연합의 정치적 발전(Political Development of the European Union) 3-3-0
*8753.896A 지역연구프로젝트 1(Research Project in International Area Studies 1) 3-2-2	8753.638 유럽통합의 과정과 이론(Theory and Process of European Integration) 3-3-0
M2052.000100 아프리카 거버넌스와 정치(Understanding African Governance and Politics) 3-3-0	8753.639A 유럽통합: 유럽연합의 법과 제도(European Integration: Law and Institutions of European Union) 3-3-0
M2052.000200 아프리카 대외관계사(History of African External Relations) 3-3-0	M2048.000100 유럽통합(European Intergration) 3-3-0
<아시아지역>	M2190.000900 유럽연합과 아시아의 거시경제학연습 (Workshop in Macroeconomics of European Union and Asia) 3-2-2
8753.521A 중국의 금융·재정(China's Banking and Finance) 3-3-0	875D. 한국학전공(Korean Studies)
8753.541 한일관계연구(Studies in Korea-Japan Relations) 3-2-2	*8754.513 한국의 역사(Korean History) 3-3-0
*8753.542A 현대일본사회의 쟁점(Issues in the Contemporary Japanese Society) 3-2-2	8754.518 한국생활사(History of Korean Life Style) 3-3-0
	8754.519 한국의 경제정책과 경제발전(Economic Policies and

Economic Development in Korea) 3-2-2
8754.520 한국학개론(Introduction to Korean Studies) 3-3-0
*8754.522 북한세미나(Seminar in North Korea) 3-2-2
8754.540A 근대 한국의 역사와 사회(Modern Korean History and Society) 3-3-0
8754.712 한국의 종교(Korean Religion) 3-2-2
8754.715 한국의 사회(Korean Society) 3-3-0
8754.722 근대화와 한국사회의 변화(Modernization and transformation of Korean Society) 3-3-0
8754.803 대학원논문연구(Dissertation Research) 3-3-0
*8754.821A 한국학세미나(Seminar in Korean Studies) 3-2-2
*8754.824 한국학연구 프로젝트 1(Research Project in Korean Studies 1) 3-2-2
M2503.000100 글로벌 시대의 한국과 정치(Politics in Global

Korea) 3-3-0

전공선택 인정과목

(Credited as Major Electives for Dep. of International Studies)

- ① 지도교수 추천에 의해 전공주임교수가 승인한 교과목
- ② 그 외는 국제대학원 내규에 의함.

교과목 이수규정

(Departmental Course Requirements)

- ① 논문연구 교과목의 최대 취득학점은 석사과정 3학점, 박사과정 12학점으로 수료학점에 포함.
- ② 학위취득 최저 소요학점은 석사 39학점(단, 2018학년도 이전 학번은 45학점), 박사 45학점임.
- ③ 그 외는 국제대학원 내규(전공내규 포함)에 의함.

860. 치의학대학원(School of Dentistry)

861. 치의학과(Department of Dentistry)

치의학대학원 학사과정

(School of Dentistry, Undergraduate Program)

- M2189.000100* 치의학신입생세미나(Dental Freshman Seminars) 3-3-0
- M2189.000300 과학적 사고의 이해(Scientific Thinking and Reading) 3-3-0
- M2189.000400 과학과 윤리(Science and Ethics) 3-3-0
- 3346.001 세포분자생물학(Cellular and Molecular Biology) 3-3-0
- 300.310 유전학(Genetics) 3-3-0
- M2839.000700 치의학과 공학 신기술의 만남(New Technologies of Dental Engineering) 2-2-0
- 883.016 기초의학통계학 및 실험(Basic Medical Statistics and Lab.) 3-2-2
- M2839.000800 생명다양성과 지구환경(Biodiversity and Global Environments) 3-3-0
- M2189.000500 치의학입문(Introduction to Dentistry) 3-3-0
- M2839.000900 치의학 인간이해 프로젝트(Project 1: Dental Perspectives of Humanity) 3-2-2
- M2839.001000 치의학 비판적사고 프로젝트(Project 2: Critical Thinking in Dentistry) 3-2-2

- M2839.001100 치의학 사회공헌 프로젝트(Project 3: Social Responsibility in Dentistry) 3-2-2
- M2189.001000* 자기설계성과보고(Designing Self: Outcomes Review) 1-0-2
- M2839.001200 치의과학 자율연구 1(Independent Basic Dental Research 1) 3-0-6
- M2839.001400 치의과학 자율연구 2(Independent Basic Dental Research 2) 3-0-6
- M2839.002000 치의과학 실험연구 1(Basic Experimental Research in Dental Science 1) 2-0-6
- M2839.002100 치의과학 실험연구 2(Basic Experimental Research in Dental Science 2) 2-0-6
- M2043.000400 웹기반 비판적 사고의 실제(Web-based Practices in Critical Thinking) 3-3-0
- M2043.000500 인문학과 치의학리더십(Humanity & Dental Leadership) 3-3-0
- M2839.000100 세계관의 이해(Understanding Worldview) 3-3-0
- M2839.000300 예비 의료인의 평화적 문제 해결(Peaceful Problem Solving of Pre-dental Personnel) 3-3-0
- M2839.000400 인간에 대한 다층적 이해(Multi-layered Approaches to Understanding Humans) 3-3-0
- 3346.403 면역학(Immunology) 3-3-0
- M2839.001900 몸, 마음, 데이터(Body, Mind, Data) 3-3-0
- M2839.002300 치의학 역사와 문화(Dentistry in History and Culture) 3-3-0
- M2189.001300 현장체험학습 1(Field Study 1) 2-0-4
- M2189.001400 현장체험학습 2(Field Study 2) 2-0-4

학사과정 전공과목 이수표준형태(Recommended Tracks for Undergraduate Majors)

학기sem. 학년yr.	I	II	비고 remarks
1	M2189.000100* 치의학신입생세미나 M2839.000400 인간에 대한 다층적 이해 M2839.001900 몸, 마음, 데이터	M2839.000900 치의학 인간이해 프로젝트 883.016 기초의학통계학 및 실험 M2189.000300 과학적 사고의 이해 M2043.000500 인문학과 치의학리더십 M2839.000100 세계관의 이해	
2	M2839.001000 치의학 비판적사고 프로젝트 3346.001 세포분자생물학 M2189.000400 과학과 윤리 M2839.000300 예비 의료인의 평화적 문제 해결 M2839.002300 치의학 역사와 문화	M2839.001100 치의학 사회공헌 프로젝트 300.310 유전학 M2839.000800 생명다양성과 지구환경 M2043.000400 웹기반 비판적 사고의 실제	*은 전공필수임
3	M2839.001200 치의과학 자율연구 1 M2839.002000 치의과학 실험연구 1(하계계절학기) 3346.403 면역학 M2189.001300 현장체험학습 1	M2189.000500 치의학입문 M2839.000700 치의학과 공학 신기술의 만남 M2189.001000* 자기설계성과보고 M2839.001400 치의과학 자율연구 2 M2839.002100 치의과학 실험연구 2(동계계절학기) M2189.001400 현장체험학습 2	

전공선택 인정과목

(Credited as Major Elective for School of Dentistry Undergraduate Program)

치의학대학원 학사과정에서 개설하는 교과목 외 타학과 개설 과목 중 치의학대학원 학사과정 목표 역량과 관련된 것으로 대학원장이 인정하는 과목

교과목 이수규정

(Departmental Course Requirements)

- ① 진입에 필요한 이수학점은 교양 44학점, 전공 49학점, 기타 선택 17학점, 계 110학점 이상으로 한다.
- ② 학기당 21학점까지 수강신청을 허용한다.
- ③ 전공학점은 전공필수(*) 교과목 3학점을 포함하여 치의학대학원 학사과정에서 개설하는 교과목 및 기타 전공선택으로 인정하는 교과목을 49학점 이상 이수해야 한다.
- ④ 3346.001 세포분자생물학과 300.310 유전학은 034.029 생물학 및 034.033 생물학실험, 034.020 화학 및 034.024 화학실험이 반드시

선 이수 되어 있어야 한다.

- ⑤ 883.016 기초의학통계학 및 실험, 3346.001 세포분자생물학, 300.310 유전학, 3346.403 면역학 중 2개 이상의 교과목을 이수해야 한다.
- ⑥ M2839.000900 치의학 인간이해 프로젝트, M2839.001000 치의학 비판적사고 프로젝트, M2839.001100 치의학 사회공헌 프로젝트 중 2개 이상의 교과목을 이수해야 한다.
- ⑦ M2189.000500 치의학입문, M2839.000700 치의학과 공학 신기술의 만남은 3학년만 수강 가능하다.
- ⑧ M2189.001000 자기설계성과보고는 5학기 이상 등록한 학생만 수강이 가능하고 S/U로 평가하되 수료학점에는 포함하지 않는다.
- ⑨ 기타 학과 내규에 의한다.

[경과 조치]

본 규정은 2021학년도 입학자부터 적용한다. 단, 2021학년도 이전 입학자는 종전의 규정대로 이수하되, 교과과정 개편으로 인해 이수할 수 없는 경우 새로운 이수규정으로 이수할 수 있다.

석사과정(Master's Courses)

861.501*	구강질환과 인체(Oral Disease and Human Body) 1-8-24	861.622*	임상치의학입문 4(Introduction to Clinical Dentistry 4) 1-0-48
861.502*	악구강영역의 기능해부학 1(Functional Anatomy of Stomatognathic System 1) 2-24-24	861.623*	전신질환의 진단 및 치료 1(Diagnosis and Treatment of Systemic Disease 1) 3-48-48
861.503*	인체의 구조와 기능 1(Structure and Function of Human Body 1) 3-32-48	861.624*	지역사회구강보건(Community Oral Health) 1-8-24
861.504*	인체의 구조와 기능 2(Structure and Function of Human Body 2) 4-32-96	861.625*	총의치학 3(Full Denture Prosthetics 3) 2-16-48
861.561*	생명현상과 인체의 이해(Human Bioscience) 6-80-48	861.626*	치과마취의 이해 2(Understanding Dental Anesthesia 2) 1-8-24
861.563*	치아우식의 이해(Dental Caries) 2-24-24	861.627*	치아보존수복 4(Restoration of Tooth 4) 1-8-24
861.564*	타액선, 타액과 구강환경(Salivary Gland, Saliva and Oral Environment) 2-24-24	861.701*	고정식교정장치실습(Clinical Practice Using Fixed Orthodontic Appliance) 1-0-48
861.565*	방사선의 이해(Principles of Radiology) 1-24-0	861.702*	구강악안면영역의 질환(Disease of Oral and Maxillofacial Region) 5-78-12
861.567*	악구강영역의 기능해부학 2(Functional Anatomy of Stomatognathic System 2) 1-8-24	861.703*	두개악안면외상학(Cranio-maxillo-facial Traumatology) 1-30-0
861.568*	치아보존수복 1(Restoration of Tooth 1) 1-32-0	861.704*	임상구강내과학(Clinical Oral Medicine) 1-16-0
861.569A*	치아보존수복 2(Restoration of Tooth 2) 1-8-24	861.705*	임상치과약리학(Dental Pharmacology) 1-16-0
861.570*	치과생체재료 1(Dental Biomaterials 1) 1-8-24	861.706*	전신질환의 진단 및 치료 2(Diagnosis and Treatment of Systemic Disease 2) 1-16-0
861.571*	치과생체재료 2(Dental Biomaterials 2) 1-8-24	861.707*	치과의료와 정보기술(Dental Service Management and Informatics) 1-16-0
861.572*	치아(Tooth) 3-32-48	861.708*	치의학의 역사(History of Dentistry) 1-16-0
861.573*	임상치의학입문 1(Basic Clinical Dentistry 1) 1-0-48	861.709*	노인치과학(Geriatric Dentistry) 1-16-0
861.574*	임상치의학입문 2(Basic Clinical Dentistry 2) 1-0-72	861.710*	심미치과학(Esthetic Dentistry) 1-16-0
861.575*	치과와 사회(Dentistry and Society) 1-16-0	861.711*	의료전달체계와 건강보험(Dental Health Care Delivery System and Health Insurance) 1-16-0
861.576*	미생물과 감염면역(Microorganism, Infection and Immunity) 2-30-9	M2043.001000*	임상영상치의학(Clinical Oral and Maxillofacial Radiology) 1-16-0
861.577*	악골과 경조직(Jawbone and Hard Tissue) 1-8-24	861.713*	임상구강악안면병리학(Clinical Oral Pathology) 1-16-0
861.578*	치주조직과 치주질환(Periodontium and Periodontal Disease) 2-24-24	M2189.003200*	구강악안면외과학1(Basic Oral and Maxillofacial Surgery Course 1) 1-16-0
861.579*	금관가공의치학 1(Crown and Bridge Prosthesis 1) 1-16-0	861.821*	임상금관가공의치학(Clinical Crown and Bridge Prosthodontics) 1-16-0
861.580*	국소의치학 1(Removable Partial Denture 1) 1-16-0	861.716*	임상두경부해부학(Clinically Oriented Head and Neck Anatomy) 2-16-48
861.581*	총의치학 1(Complete Denture 1) 1-16-0	861.717*	임상치과보존학(Clinical Conservative Dentistry) 1-16-0
861.601*	감염방지(Infection Control) 1-16-0	861.718*	임상치과약물치료학(Dental Pharmacotherapeutics) 1-16-0
861.602*	구강종양론(Oral Oncology) 2-16-48	861.719*	치과임플란트학(Dental Implantology) 1-16-0
861.603*	구강질환의 예방적 진료(Prevention of Oral Disease) 1-8-24	861.720*	구강내과학임상실습 1(Clinical Practice in Oral Medicine 1) 1-0-48
861.604*	국소의치학 2(Removable Partial Prosthetics 2) 2-16-48	M2043.000800*	영상치의학임상실습 1(Clinical Practice in Oral and Maxillofacial Radiology 1) 1-0-48
861.605*	금관가공의치학 2(Crown and Bridge Prosthodontics 2) 2-16-48	M2189.002900*	구강악안면외과학 실습 1(Oral and Maxillofacial Surgery Practice 1) 1-0-48
861.606*	소아의 수복 및 치수치료(Restorative and Pulp Treatment for Children) 2-16-48	861.723*	소아치과학임상실습 1(Clinical Practice in Pediatric Dentistry 1) 1-0-48
861.607*	악안면신경과학(Maxillofacial Neuroscience) 1-8-24	861.724*	치과교정학임상실습 1(Clinical Practice in Orthodontics 1) 1-0-48
861.608*	인체의 구조와 기능 3(Structure and Function of Human Body 3) 1-8-24	861.725*	치과보존학임상실습 1(Clinical Practice in Conservative Dentistry 1) 1-0-48
861.609*	임상치의학입문 3(Introduction to Clinical Dentistry 3) 1-0-48	861.726*	치과보철학임상실습 1(Clinical Practice in Prosthodontics 1) 1-0-48
861.610*	총의치학 2(Full Denture Prosthetics 2) 2-16-48	861.727*	치주과학임상실습 1(Clinical Practice in Periodontology 1) 1-0-48
861.611*	치과마취의 이해 1(Understanding Dental Anesthesia 1) 1-8-24	861.728*	구강내과학임상실습 2(Clinical Practice in Oral Medicine 2) 1-0-48
861.612*	치과생체재료 3(Dental Biomaterials 3) 1-8-24	M2043.001100*	영상치의학임상실습 2(Clinical Practice in Oral and Maxillofacial Radiology 2) 1-0-48
861.613A*	치아보존수복 3(Restoration of Tooth 3) 2-16-48	M2189.003300*	구강악안면외과학 실습2(Practice in Oral and Maxillofacial Surgery 2) 1-0-48
861.614*	치주질환의 치료(Treatment of Periodontal Disease) 2-16-48	861.731*	소아치과학임상실습 2(Clinical Practice in Pediatric Dentistry 2) 1-0-48
861.615*	국소의치학 3(Removable Partial Prosthetics 3) 2-16-48		
861.616*	근관치료학(Endodontics) 3-32-48		
861.617*	도재수복학(Dental Ceramic Prosthesis) 3-32-48		
861.618*	두개악안면성형외과학(Cranio-maxillofacial Plastic Surgery) 1-24-0		
861.619*	부정교합의 진단 및 치료(Treatment of Malocclusion) 2-16-48		
861.620*	소아의 교합유도(Occlusal Guidance in Children) 1-8-24		
861.621*	악안면동통의 진단과 치료(Diagnosis and Management		

861.732*	치과교정학임상실습 2(Clinical Practice in Orthodontics 2) 1-0-48	861.814*	소아치과학임상실습 3(Clinical Practice in Pediatric Dentistry 3) 2-0-96
861.733*	치과보존학임상실습 2(Clinical Practice in Conservative Dentistry 2) 1-0-48	861.815*	치과교정학임상실습 3(Clinical Practice in Orthodontics 3) 2-0-96
861.734*	치과보철학임상실습 2(Clinical Practice in Prosthodontics 2) 1-0-48	861.816*	치과보존학임상실습 3(Clinical Practice in Conservative Dentistry 3) 2-0-96
861.735*	치주과학임상실습 2(Clinical Practice in Periodontology 2) 1-0-48	861.817*	치과보철학임상실습 3(Clinical Practice in Prosthodontics 3) 2-0-96
861.736(*)	논문연구(Dissertation Research) 2-2-0	861.818*	치주과학임상실습 3(Clinical Practice in Periodontology 3) 2-0-96
861.S701*	구강보건교육의 최신 동향(Current Topics in Oral Health Education) 1-16-0	861.819*	치의학임상선택(Senior selective in Clinical Dentistry) 4-0-192
M2043.000700**	영상치의학 연구(Research in Oral and Maxillofacial Radiology) 1-16-0	861.S802**	구강점막질환 및 타액선질환 최신치료학(Advanced Course for Oral Mucosal Diseases and Salivary Gland Diseases) 1-8-24
861.S704**	구강암생물학(Oral Cancer Biology) 1-8-24	861.S803**	근관치료학의 고급과정(Advanced Course in Endodontics) 1-8-24
861.S707**	세포분자생리학(Cell and Molecular Physiology) 1-16-0	M2043.002200**	스포츠 치의학과 Mouthguards(Sports Dentistry and Mouthguards) 1-8-24
861.S709**	치의학생물공학실험법(Methods in Dental Biotechnology) 1-16-0	861.S805**	심미색상학연습(Esthetic Color Training) 1-12-12
861.S710**	3차원 가상 set-up에 의한 디지털 교정치료 (Digital Orthodontic Treatment with 3 Dimensional Virtual Set-up) 1-0-48	861.S807**	인공조직 수복을 위한 조직공학(Tissue Engineering for Tissue Repair) 1-12-12
861.S711**	고급바이오장기재생치의학(Bio-organ in Dental Regenerative Medicine: Advanced Course) 1-16-0	861.S808**	전치부심미수복(Anterior Esthetic Restoration) 1-8-24
861.S712**	구강건강증진프로그램의 실제 적용(Application of Oral Health Promotion Program) 1-12-12	861.S811**	치주임플란트수술(Periodontal and Implant Surgery) 1-12-12
861.S713**	구강안면통증 및 측두하악장애최신치료학(Advanced Course for Orofacial Pain and Temporomandibular Disorders) 1-16-0	861.S812**	구강악안면질환감별진단(Differential Diagnosis of Oral and Maxillofacial Disease) 1-8-24
861.S714**	구강조직재생과 치유(Regeneration and Repair of Oral Tissues) 1-16-0	M2189.003400**	구강악안면 임플란트 외과학(Oral and Maxillofacial Implant Surgery) 1-16-0
861.S715**	근관치료학의 신경향(New Trends in Endodontics) 1-16-0	861.S817**	임플란트를 위한 영상진단법(Diagnostic Imaging for Dental Implant) 1-16-0
861.S716**	신경과학특론(Advanced Neuroscience) 1-16-0	861.S818**	장애인 치과학(Dentistry for the People with Disabilities) 1-8-24
861.S717**	악안면골질환연습(Seminar in Maxillofacial Bone Diseases) 1-8-24	861.S819**	치과교정학의 이해와 임상적 적용(Clinical Application of Basic Orthodontic Knowledge) 1-16-0
861.S718A**	임플란트재료학(Dental Implant Materials) 1-16-0	861.S820**	치과마취과학 임상실습(Dental Anesthesiology Clinical Practice) 1-8-24
861.S720**	치주학의 최신개념(Current Concepts in Periodontology) 1-16-0	861.S822**	코골이와 수면무호흡증 최신치료학(Advanced course for diagnosis and dental management of snoring and sleep apnea) 1-16-0
861.S722	치의학영역의 과학적 글쓰기(Practice of Scientific Writing in Dentistry) 1-10-12	861.S823**	교합조정의 실제(The reality of occlusal adjustment) 1-8-24
861.S723A	법치의학의 최신동향(Update in Forensic Dentistry) 1-16-0	861.S824**	치의학과 인간(Humane Dentistry) 1-16-0
861.S724	구취의 진단 및 최신치료학(Advanced course for Diagnosis and Management of Halitosis) 1-16-0	861.S825**	치과진료 후 합병증 관리(Management of complication after dental treatment) 1-16-0
861.S725	소아 및 장애인 환자 진정법(Sedation for children and medically compromised handicapped patients) 1-12-12	861.822*	임상심리학(Clinical Psychology) 1-16-0
861.801*	새로운 치과의사(Advanced Dentistry in Community) 2-8-96	861.823*	의료 커뮤니케이션(Communication in Healthcare) 1-8-8
861.803*	임상국소의치학(Clinical Removable Partial Prosthodontics) 1-16-0	M2043.000100*	치과의사와 지식재산(Intellectual Properties for Dentists) 1-16-0
861.804*	임상소아치과학(Clinical Pediatric Dentistry) 1-16-0	M0000.006100**	임플란트수복증례비교연구(Comparative study of implant restoration) 1-16-0
861.805*	임상총의치학(Clinical Complete Denture Prosthodontics) 1-16-0	M0000.010300**	통일치의학개론(Dentistry in a reunified Korea) 1-16-0
861.806*	법치의학(Forensic Odontology) 1-16-12	M2043.001200**	수복치료의 이해(Understanding of the Restorative Dentistry) 1-16-0
861.807*	새로운 치의학(Advances in Dentistry) 2-32-0	M0000.017100**	성장기환자의 일차교정치료(The first phase orthodontic treatment in growing patients) 1-16-0
861.808*	임상증례연구(Clinical Case Study and Discussion) 1-16-0	M2043.000600**	치과보철학에서의 디지털 기술의 이용(Use of Digital Technique in Prosthetic Dentistry) 1-16-0
861.809*	임상치과교정학(Clinical Orthodontics) 1-16-0	M0000.017000**	치과의사의 사명과 인생(Mission and Life of Dentists) 1-16-0
861.810*	임상치주과학(Clinical Periodontology) 1-16-0	M0000.020400**	치과의료 인력의 교육과 경영(Human Resource Development and Management in Dental Health Care Organizations) 1-16-0
861.811*	구강내과학임상실습 3(Clinical Practice in Oral Medicine 3) 2-0-96		
M2043.000900*	영상치의학임상실습 3(Clinical Practice in Oral and Maxillofacial Radiology 3) 2-0-96		
M2189.003000*	구강악안면외과학 실습 3(Practice in Oral and Maxillofacial Surgery 3) 2-0-96		

M2189.001700** 치성동통·비치성동통 임상증례기반학습 (Odontogenic pain·Nonodontogenic Case-Based Learning) 1-16-0	practice) 1-16-0
M2189.001600** 문학과 인간이해(Understanding Human Values in Literature) 1-16-0	M2043.000200** 보철수복후의 예후 분석(Analysis of post-restorative prognosis) 1-16-0
M2189.002100** 고정성 보철학에서의 신기술(New technology in fixed prosthodontics) 1-16-0	M2189.002800* 구강악안면외과학2(Basic Oral and Maxillofacial Surgery Course 2) 1-16-0
M2189.002500** 예술과 치의학(Art and Dentistry) 1-16-0	M2043.001800** 치과외사를 위한 안이비인후과 개론(Ophthalmology and Otolaryngology Introductory Course for Dentists) 1-16-0
M2189.002700** 치아외상 임상증례 기반학습(Clinical case-based learning on Tooth Trauma) 1-12-12	M2043.001900** 치과외사를 위한 신경외과학적 지식(Neurosurgery Introductory Course for Dentists) 1-16-0
M2189.002200** 임플란트학에서의 신기술(New technology in implantology) 1-16-0	M2043.002000** 군진치의학(Military Dentistry) 1-16-0
M2189.001500** 치과외사의 평화적 갈등 관리(Peaceful Conflict Management of a Dentist) 1-16-0	M2043.002100** 최신 디지털 영상치의학(Current Digital Imaging) 1-12-9
M2189.002600** 치과 진료실 진단 및 치료기구(Diagnosis and treatment devices in dental clinic) 1-8-24	M2189.003500* 치의학도의 미래설계(Future Shaping of Dental Students) 1-15-0
M2189.001800** 치과외사를 위한 경영학의 이해 (Understanding Management in Dentistry) 1-16-0	M2189.003600* 생명현상과 인체의 이해 1(Human Bioscience 1) 2-38-0
M2189.001900** 고급 지역사회 치의학(Advanced Community Dentistry) 1-16-0	M2189.003700* 생명현상과 인체의 이해 2(Human Bioscience 2) 2-29-12
M2189.003100** 외래 기반의 구강외과 수술(Outpatient Oral and Maxillofacial Surgery) 1-16-0	M2189.003800* 생명현상과 인체의 이해 3(Human Bioscience 3) 1-12-7
M2189.002000** 교육자로서 치과외사(Dentists as Educators) 1-16-0	M2189.003900* 임상증례 기반 학습(Clinical Case-Based Learning) 1-7-21
M2189.002300** 원내생 진료실 증례 분석(Discussion of clinical cases in pre-doctoral treatment center) 1-16-0	M2189.004000* 임상 포트폴리오의 적용(Portfolio assessment for clinical practices) 1-0-96
M2189.002400** 임상 포트폴리오의 적용(Portfolio for clinical	

석사과정 전공과목 이수표준형태(Recommended Tracks for Graduate Majors)

학기 sem. 학년 yr.	I	II	비고 remarks
1	861.501* 구강질환과 인체 861.502* 악구강영역의 기능해부학 1 M2189.003600* 생명현상과 인체의 이해 1 M2189.003700* 생명현상과 인체의 이해 2 M2189.003800* 생명현상과 인체의 이해 3 861.563* 치아우식의 이해 861.564* 타액선, 타액과 구강환경 861.565* 방사선의 이해 861.570* 치과생체재료 1 861.572* 치아 861.573* 임상치의학입문 1 861.575* 치과와 사회 M2189.003500* 치의학도의 미래설계	861.503* 인체의 구조와 기능 1 861.504* 인체의 구조와 기능 2 861.567* 악구강영역의 기능해부학 2 861.568* 치아보존수복 1 861.569A* 치아보존수복 2 861.571* 치과생체재료 2 861.574* 임상치의학입문 2 861.576* 미생물과 감염면역 861.577* 악골과 경조직 861.578* 치주조직과 치주질환 861.579* 금관가공의치학 1 861.580* 국소의치학 1 861.581* 총의치학 1	
2	861.601* 감염방지 861.602* 구강종양론 861.603* 구강질환의 예방적 진료 861.604* 국소의치학 2 861.605* 금관가공의치학 2 861.606* 소아의 수복 및 치수치료 861.607* 악안면신경과학 861.608* 인체의 구조와 기능 3 861.609* 임상치의학 입문 3 861.610* 총의치학 2 861.611* 치과마취의 이해 1 861.612* 치과생체재료 3 861.613A* 치아보존수복 3 861.614* 치주질환의 치료	861.615* 국소의치학 3 861.616* 근관치료학 861.617* 도재수복학 861.618* 두개악안면 성형외과학 861.619* 부정교합의 진단 및 치료 861.620* 소아의 교합유도 861.621* 악안면 동통의 진단과 치료 861.622* 임상치의학 입문 4 861.623* 전신질환의 진단 및 치료 1 861.624* 지역사회 구강보건 861.625* 총의치학 3 861.626* 치과마취의 이해 2 861.627* 치아보존수복 4	
3	861.701* 고정식교정장치실습 861.702* 구강악안면영역의 질환 861.703* 두개악안면외상학 861.704* 임상구강내과학 861.705* 임상치과약리학 861.706* 전신질환의 진단 및 치료2	861.709* 노인치과학 861.710* 심미치과학 861.711* 의료전달체계와 건강보험 M2043.001000* 임상영상치의학 861.713* 임상구강악안면병리학 861.716* 임상두경부 해부학	

학기sem. 학년yr.	I	II	비고 remarks
	861.707* 치과의료와 정보기술 861.708* 치의학의 역사 861.720* 구강내과학임상실습 1 M2043.000800* 영상치의학임상실습 1 861.723* 소아치과학임상실습 1 861.724* 치과교정학임상실습 1 861.725* 치과보존학임상실습 1 861.726* 치과보철학임상실습 1 861.727* 치주과학임상실습 1 861.736* 논문연구 M2189.003900* 임상증례 기반 학습 M2189.002900* 구강악안면외과학 실습1	861.717* 임상치과보존학 861.718* 임상치과약물치료학 861.719* 치과임플란트학 861.728* 구강내과학임상실습 2 M2043.001100* 영상치의학임상실습 2 861.731* 소아치과학임상실습 2 861.732* 치과교정학임상실습 2 861.733* 치과보존학임상실습 2 861.734* 치과보철학임상실습 2 861.735* 치주과학임상실습 2 861.736* 논문연구 M2189.003200* 구강악안면외과학1 M2189.003300* 구강악안면외과학 실습2	
	861.S701** 구강보건교육의 최신 동향 M2043.000700** 영상치의학 연구 861.S704** 구강암 생물학 861.S707** 세포분자생리학 861.S709** 치의학 생물공학 실험법 861.S720** 치주학의 최신개념 861.S718A** 임플란트 재료학 861.S722** 치의학영역의 과학적 글쓰기 861.S723A** 법치의학의 최신동향 M2043.000100** 치과의사와 지식재산 M2189.001700** 치성동통·비치성동통 임상증례기반학습 861.S822** 코골이와수면무호흡증최신치료학 M2189.001600** 문학과 인간이해 M2189.002100** 고정성 보철학에서의 신기술	861.S710** 3차원 가상 set-up에 의한 디지털 교정치료 861.S711** 고급 바이오장기 재생치의학 861.S712** 구강건강증진프로그램의 실제 적용 861.S713** 구강악안면 통증 및 측두하악장애 최신치료학 861.S714** 구강조직 재생과 치유 861.S715** 근관치료학의 신경향 861.S716** 신경과학 특론 861.S717** 악안면 골질환 연습 861.S725** 소아 및 장애인 환자 진정법 M2043.000200** 보철수복후의 예후분석 M2043.001200** 수복치료의 이해 M2189.002500** 예술과 치의학 M2189.002700** 치아외상 임상증례 기반학습 M2189.002200** 임플란트학에서의 신기술 M2189.001500** 치과의사의 평화적 갈등관리 M2189.002600** 치과진료실 진단 및 치료기구 M0000.020400** 치과의료 인력의 교육과 경영 M2043.002000** 군진치의학	선택적 필수교과 (1학기 택1, 2학기 택2)
	861.803* 임상국소의치학 861.804* 임상소아치과학 861.805* 임상총의치학 861.736* 논문연구 861.821* 임상급관가공의치학 861.822* 임상심리학 M2189.001800* 치과의사를 위한 경영학의 이해 M2189.001900* 고급 지역사회 치의학 M2189.002800* 구강악안면외과학2 861.823* 의료 커뮤니케이션 M2189.004000* 임상 포트폴리오의 적용	861.736* 논문연구 861.806* 법치의학 861.807* 새로운 치의학 861.808* 임상증례연구 861.809* 임상치과교정학 861.810* 임상치주과학 861.819* 치의학임상선택	
4	861.811* 구강내과학임상실습 3 M2043.000900* 영상치의학임상실습 3 861.814* 소아치과학임상실습 3 861.815* 치과교정학임상실습 3 861.816* 치과보존학임상실습 3 861.817* 치과보철학임상실습 3 861.818* 치주과학임상실습 3 M2189.003000* 구강악안면외과학 실습 3		매학기 개설
	861.S802** 구강점막질환 및 타액선질환 최신치료학 861.S803** 근관치료학의 고급과정 M2043.002200** 스포츠 치의학과 Mouthguards 861.S805** 심미색상학연습 861.S807** 인공조직 수복을 위한 조직공학 861.S808** 전치부 심미수복 861.S811** 치주- 임플란트 수술 861.S823** 교합조정의 실제 861.S824** 치의학과 인간	861.S812** 구강악안면 질환 감별 진단 M2043.001900** 치과의사를 위한 신경외과적 지식 M2043.001800** 치과의사를 위한 안이비인후과 개론 861.S817** 임플란트를 위한 영상진단법 861.S818** 장애인 치과학 861.S819** 치과교정학의 이해와 임상적 적용 861.S820** 치과마취과학 임상실습 M2043.002100** 최신 디지털 영상치의학 861.S825** 치과진료 후 합병증 관리 M2189.003400** 구강악안면 임플란트 외과학	선택적 필수교과 (1학기 택1, 2학기 택2)

학기sem. 학년yr.	I	II	비고 remarks
	861.S724** 구취의 진단 및 최신치료학 M0000.006100** 임플란트수복증례비교연구 M0000.010300** 통일치의학개론 M0000.017100** 성장기환자의 일차교정치료 M2043.000600** 치과보철학에서의 디지털 기술의 이용 M0000.017000** 치과외과의 사명과 인생 M2189.003100** 외래 기반의 구강외과 수술 M2189.002000** 교육자로서의 치과외과 M2189.002300** 원내생 진료실 증례 분석 M2189.002400** 임상포트폴리오의 적용		

교과목 이수규정(Departmental Course Requirements)

- ① 위의 전문석사과정 전공과목 이수표준형태는 2022학년도 전문석사과정 신입생 및 진입생부터 적용하며, 2021학년도 이전 입학자는 종전의 규정대로 이수하되 교과과정 개편으로 인해 이수할 수 없는 경우 새로운 이수규정으로 이수할 수 있다.
- ② 졸업이수학점은 165학점으로 한다. 단, 2019학년도 이전 전문석사과정 신입생(진입생)은 종전 이수규정에 따라 논문연구 8학점을 반드시 취득하여야 한다(수료학점 불포함).
- ③ 학기당 최고 이수학점은 29학점이다.
- ④ 선택적 필수 과목(**)은 3·4학년 각각 1학기에는 1학점, 2학기에는 2학점씩 이수하여야 한다.
- ⑤ 861.561, 861.801 과목은 재수강 수요 등을 위한 폐지 유보 교과목이다.

980. 경영전문대학원
(Graduate School of Business)

981. 경영학과(MBA)
(Department of Business Administration)

석사과정(Master's Courses)

※ 1년제이며, 별도의 학사력에 의해 운영됨.

※ 경영전문대학원은 교과과정 범례의 “2.학점시간표시”의 규칙을 따르지 않고 경영전문대학원 과목 운영방법의 특성에 따라 예외적으로 표기하였음.

M2136.008600	관리경제학(Managerial Economics) 2-30-0	981.539	소비자행동(Consumer Behavior) 2-30-0
M2136.008700	재무회계(Financial Accounting) 2-30-0	981.540	마케팅전략(Marketing Strategy) 2-30-0
M2136.007800	통계와 의사결정모형(Statistics and Decision Models) 2-30-0	981.541	전략적 브랜드관리(Strategic Brand Management) 2-30-0
M2136.006700	인사 및 조직관리(Managing People in Organizations) 2-30-0	M2136.007700	마케팅 심층주제(Topics in Marketing) 2-30-0
M2136.009300	재무관리(Financial Management) 2-30-0	981.543	공급사슬관리(Supply Chain Management) 2-30-0
M2136.009000	마케팅(Marketing) 2-30-0	981.544A	서비스 사이언스(Service Science) 2-30-0
M2136.008100	조직행위론(Organizational Behavior) 2-30-0	M2136.005900	자본시장과 회계정보(Accounting and Capital Markets) 2-30-0
M2136.008900	전략(Strategic) 2-30-0	981.549	금융공학과 위험관리(Financial Engineering and Risk Management) 2-30-0
M2136.008000	관리회계(Managerial Accounting) 2-30-0	981.550	채무특강(Topics in Finance) 2-30-0
M2136.009100	경영정보(Information Technology) 2-30-0	981.551	협상론(Business Negotiation) 2-30-0
M2136.009200	생산서비스운영(Operations Management) 2-30-0	M2136.002200	하이테크 경쟁전략(High Tech Competitive Strategy) 2-30-0
M2136.008400	국제경영(International Business) 2-30-0	M2136.002300	창조와 혁신(Creativity and Innovation) 2-30-0
M2136.007900	인적자원관리(Human Resource Management) 2-30-0	981.556	신기술과 엔터프라이저십(Emerging Technologies and Entrepreneurship) 2-30-0
M2136.006800	경영실습 1(Business Practicum 1) 2-30-0	981.557A	가격 및 판매촉진전략(Pricing and Sales Promotion Strategies) 2-30-0
981.513	경영실습 (Business Practicum) 3-45-0	981.558	시장조사론(Marketing Research) 2-30-0
981.514	경영프로젝트(Applied Business Project) 2-30-0	981.559A	생산전략분석(Analysis of Operations Strategies) 2-30-0
981.516	재무제표분석 및 기업가치평가(Financial Statement Analysis and Valuation) 2-30-0	M2136.009900	기술경영(Management of Technology) 2-30-0
981.517	전략적 원가관리 및 성과평가(Strategic Cost Management and Performance Management) 2-30-0	981.561	신제품 및 신서비스 개발(New Product and Service Development) 2-30-0
981.518	기업세무전략(Strategic Tax Planning) 2-30-0	M2136.009600	한국 비즈니스의 이해(Doing Business in Korea) 3-45-0
981.519A	회계정보와 경영의사결정(Topics in Accounting) 2-30-0	981.563	서비스 마케팅(Service Marketing) 2-30-0
981.520	국제경제(Global Economy) 2-30-0	981.565	자본시장론(Financial Markets and Institutions) 2-30-0
981.521	창업론(Entrepreneurship) 2-30-0	M2136.005800	채권시장의 이해(Fixed Income Security Analysis) 2-30-0
981.522	기업윤리와 법률문제(Business Ethics and Legal Issues) 2-30-0	981.570	위험과 보험(Risk and Insurance) 2-30-0
981.523	기업인수합병과 지배구조(M&A and Governance) 2-30-0	M2136.008500	해외현장학습 1(Global Residence Program 1) 2-30-0
981.524	투자론(Investments) 2-30-0	M2136.010000	해외현장학습(Global Residence Program) 1-15-0
981.525	파생상품(Derivatives) 2-30-0	981.574	기업과 가치(Firm and Value) 2-30-0
981.526A	기업재무(Corporate Finance) 2-30-0	M2136.006000	전략적 디지털 경영(Strategic Digital Management) 2-30-0
981.527A	포트폴리오관리와 자산배분(Portfolio Management) 2-30-0	M2136.007600	전략경영워크숍 1(Workshop in Strategic Management 1) 1-15-0
981.528	팀경영(Managing Teams) 2-30-0	M2136.006200	전략적 마케팅 커뮤니케이션(Strategic Marketing Communications) 2-30-0
981.529	노사관계론(Industrial Relations) 2-30-0	M2136.009700	아시아 비즈니스의 이해(Doing Business in Asia) 3-45-0
981.530	변화관리론(Managing Changes) 2-30-0	981.585	재무사례연구(Case Studies in Finance) 2-30-0
981.531A	조직설계(Organizational Design) 2-30-0	981.586	경영 리더십(Executive Leadership) 2-30-0
981.532	디지털경영전략(Digital Business Strategy) 2-30-0	981.587	전략적 인적자본(Strategic Human Capital) 2-30-0
981.533	기술과 경영혁신(Technological Innovation and Business Redesign) 2-30-0	M2136.001700	글로벌 비즈니스의 이해(Understanding Global Business) 3-45-0
981.534A	비즈니스 인텔리전스(Business Intelligence) 2-30-0	M2136.001800	자연자본: 글로벌 자원시스템의 위험과 기회(Natural Capital: Risks and Opportunities in Global Resource Systems) 2-30-0
M2136.003500	경영정보특강(Topics in Management Information Systems) 2-30-0	M2136.002800	GNAM-신상품 개발(GNAM-New Product Development) 2-30-0
981.536	경영전략특강(Topics in Strategy) 2-30-0	M2136.002900	GNAM-재난관리: 인도적 지원 관리 및 개발(GNAM- Handling Disruption: Humanitarian Emergencies Management and Development) 2-30-0
981.537	국제재무관리(International Financial Management) 2-30-0	M2136.003000	보상관리(Compensation) 2-30-0
981.538A	기업전략(Corporate Strategy) 2-30-0	M2136.006600	글로벌현장학습 1(International Field Study 1) 2-30-0
		M2136.007000	글로벌현장학습 2(International Field Study 2) 2-30-0
		M2136.007100	글로벌현장학습 3(International Field Study 3) 2-30-0

<p>2-30-0 M2136.003400 전자상거래(Electronic Commerce) 2-30-0 M2136.007200 GNAM 네트워크 코스 1(GNAM Network Course 1) 2-30-0 M2136.008200 국내현장학습 1(Local Field Study Trip 1) 1-15-0 M2136.008300 국내현장학습 2(Local Field Study Trip 2) 1-15-0 M2136.004000 환경변화와 전략혁신(Environmental Shifts and Strategic Innovation) 2-30-0 M2136.004100 문화예술 마케팅(Art and Culture Marketing) 2-30-0 M2136.004200 성과관리(Performance Management) 2-30-0 M2136.004300 HR 애널리틱스(HR Analytics) 2-30-0 M2136.004400 재무와 경제를 위한 기계학습(Machine Learning for Finance and Economics) 2-30-0 M2136.004500 4차 산업혁명 시대의 비즈니스 혁신(Business Innovation for the era of 4th Industrial Revolution) 2-30-0 M2136.005700 프로세스 경영(Process Management) 2-30-0 M2136.004700 4차 산업혁명과 New Biz Model(New Biz Model in the 4th Industrial Revolution Era) 2-30-0 M2136.004800 고급의사결정모형(Advanced Decision Modeling)</p>	<p>2-30-0 M2136.004900 디지털 마케팅(Digital Marketing) 2-30-0 M2136.005000 조직문화관리(Organizational Culture Management) 2-30-0 M2136.005100 실전 스타트업(SNU Biz Startup Garage) 3-45-0 M2136.005200 패밀리기업의 전략경영(Strategic Management of Family Companies) 2-30-0 M2136.005400 회계정보의 분석과 활용(Accounting Analytics) 2-30-0 M2136.005500 핀테크 사례와 활용(Case Studies in FinTech) 2-30-0 M2136.006500 마케팅 애널리틱스(Marketing Analytics) 2-30-0 M2136.006900 경영빅데이터분석 프로그래밍(Programming for Business Big Data Analytics) 2-30-0 M2136.005600 과학기술의 발전과 경영(Advancement of Technology and Business Management) 2-30-0 M2136.007300 GNAM 네트워크 코스 2(GNAM Network Course 2) 1-15-0 M2136.009800 비즈니스 애널리틱스(Business Analytics) 2-30-0</p>
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경영전문대학원 경영학과 이수표준형태(대학원)

학과	기간	이수과목	이수학점
경영학과 (MBA)	8월~12월	관리경제학*, 재무회계*, 인사 및 조직관리*, 마케팅*, 경영정보*, 생산서비스운영*, 전략*, 재무관리*, 국내현장학습1, 해외현장학습1	16학점 이상
	1월~7월	경영실습1* 및 경영전문대학원 선택과목	29학점 이상

※ “*”표시는 필수로 이수하여야 하며, 선택과목을 포함하여 총 45학점 이상 이수하여야 한다.

※ 경영실습1과 경영프로젝트는 한국어과목으로 인정한다.

교과목 이수규정(Departmental Course Requirements)

- ① 수료에 필요한 학점은 45학점 이상으로 한다.
- ② 경영학과(MBA) 이수자는 * 표시된 9개 과목(18학점)을 필수로 이수해야 하며, ①의 45학점 중 15학점 이상은 영어강의로 이수해야 한다.
- ③ 2021학년도 이전에 입학한 GMBA와 SMBA는 수료에 필요한 학점은 ①의 45학점 이상으로 하고, 교과목 이수규정은 다음 중에서 선택하여 이수할 수 있다.
 1. 입학년도 교과목이수규정 중 필수과목 이수요건
 2. 학제개편(2021년) 이후 교과목이수규정

- ④ 경영전문대학원 학생은 교내 타 대학원과정의 과목을 이수할 수 없으며, 타 대학원 학생은 경영전문대학원의 과목을 이수할 수 없다.
- ⑤ 복수학위과정을 이수하는 학생은 지도교수 및 학과장의 사전승인을 받아, 교외 타 대학원이 개설한 과목을 이수할 수 있으며, 수료학점으로도 인정받을 수 있다.
- ⑥ 학기(Term)당 최대 취득가능학점은 아래와 같다.

프로그램 명	학기(Term)				비 고
	1학기	2학기	3학기	4학기	
Global MBA	15	15	21	21	
SNU MBA	15	15	21	21	
MBA	15	15	21	21	

981C. Executive MBA(Executive MBA)

석사과정(Master's Courses)

- ※ 2년제이며, 별도의 학사력에 의해 운영됨.
- ※ 경영전문대학원은 교과과정 범례의 “2.학점시간표시”의 규칙을 따르지 않고 경영전문대학원 과목 운영방법의 특성에 따라 예외적으로 표기하였음.

982.501	기업과 환경(Business Environment) 2-30-0
982.502	하이테크 마케팅(High-Tech Marketing) 2-30-0
982.504	인문과 경영(Business and Humanities) 2-30-0
982.505	예술과 경영(Business and Arts) 2-30-0
M2139.000200	디지털 경영환경과 소셜네트워크 분석(Social Network Analysis in Digital Business Environments) 2-30-0
M2139.000300	ESG 경영(ESG Management) 2-30-0

경영전문대학원 Executive MBA 학과 이수표준형태

학과	학기	이수과목	이수학점
EMBA	1~2	관리경제학*, 재무회계*, 마케팅*, 통계와 의사결정모형*, 조직행위론*, 인적자원관리*, 전략*, 관리회계*, 경영정보*, 생산서비스운영*, 국제경영*, 재무관리*, 국내현장학습1, 글로벌현장학습1*	24학점 이상
	3~4	글로벌현장학습2* 및 경영전문대학원 선택과목	25학점 이상

※ “*”표시과목 중 ‘글로벌현장학습1’과 ‘글로벌현장학습2’를 포함하여 10과목 이상 필수로 이수하여야 하며, 선택과목을 포함하여 총 49학점 이상 이수하여야 한다.

전공 선택 인정과목
(Credited as Major Electives for Dept. of Business Administration)
- 경영전문대학원 경영학과에서 개설하는 모든 과목

과목 이수규정(Departmental Course Requirements)

- ① 수료에 필요한 학점은 49학점 이상으로 한다.
- ② 「EMBA」 이수자는 “*”표시과목 중에서 “글로벌현장학습1/2” 2과

- 목(4학점)을 포함하여 10과목(20학점) 이상 취득해야 한다.
- ③ 경영전문대학원 학생은 교내 타 대학원과정의 과목을 이수할 수 없으며, 타 대학원 학생은 경영전문대학원의 과목을 이수할 수 없다.
- ④ 복수학위과정을 이수하는 학생은 지도교수 및 학과장의 사전승인을 받아, 교외 타 대학원이 개설한 과목을 이수할 수 있으며, 수료학점으로도 인정받을 수 있다.
- ⑤ 학기(Term)당 최대 취득가능학점은 아래와 같다.

프로그램 명 \ 학기(Term)	1학기	2학기	3학기	4학기	비 고
EMBA	15	15	15	17	

930. 법학전문대학원(School of Law)

931. 법학과(Department of Law)

931.501A	법문서의 작성(Legal Writing) 1-3-0	Administrative Law) 3-3-0
931.502	서양법문화사(Western Legal tradition) 3-3-0	M2194.003000 공법4(Public Law4) 3-3-0
931.503	한국의 법률가(Lawyers in Korea) 3-3-0	930.628 공법이론과 공공정책(Public law theory and public policy) 3-3-0
931.504	법과 사회과학(Law and Social Science) 3-3-0	931.629 재건축재개발(Reconstruction, redevelopment law) 3-3-0
931.505	법조윤리(Legal Ethics) 1-3-0	931.630 미국행정법(U.S. Administrative Law) 3-3-0
931.506A	한국법사(Legal history of Traditional Korea) 3-3-0	931.633 헌법실무연습(Practice and Advanced Constitutional Law) 3-3-0
931.507	법철학(Legal Philosophy) 3-3-0	931.634 행정법실무연습(Practice and Advanced Administrative Law) 3-3-0
M2194.003100	협상론(Negotiation Theory) 3-3-0	931.651 민법1(계약)(Civil Law1(contract)) 4-5-0
931.511	법사회학(Studies in Sociology of Law) 3-3-0	931.652 민법2(Civil Law2) 4-4-0
M2194.002300	젠더법학(Gender and Law) 3-3-0	930.653 민법3(Civil Law III) 3-3-0
931.513	법인류학(Anthropology of Law) 3-3-0	M2090.001800 민사소송법1(Civil Procedure1) 3-3-0
931.514	법정책학(Policy Science of Law) 3-3-0	931.655 민법 4(Civil Law III(family law) 3-3-0
931.515	법학방법론(Methodology of Legal Science) 3-3-0	M2194.003500 민사법심화연구(Advanced Course on Civil Law) 3-3-0
931.516	한국근현대법사(Korean Modern Legal History) 3-3-0	931.659 언론·인터넷·인격권(Press·Internet·Personal Rights) 3-3-0
931.518	모의재판(moot court) 1-0-2	931.660 의료법(Law of Medical Treatment) 3-3-0
931.519	법무실습(Internship) 1-2-0	931.666 비교사법(Seminar on Comparative Private Law) 3-3-0
931.521	로마법(Seminar on Roman Law) 3-3-0	931.667 소비자계약법(Customer Contract Law) (3-3-0)
931.522	법경제학(Law and Economics) 3-3-0	931.668 정보통신과 사법(Information Technology and Private Law) 3-3-0
931.523	법경제학특강(Law and Economics Seminar) 3-3-0	931.672 민사재판실무(Private litigation on Practice) 3-2-2
931.525	법사상사(History of Legal Thoughts) 3-3-0	M2090.001700 민사소송법2(Civil Procedure1) 3-3-0
931.526	법의학(Forensic Medicine) 3-3-0	931.674 민사집행법(Civil Execution Law) 3-3-0
931.527	법학고전강독(Readings in Legal Classics) 3-3-0	931.675 중재법(Arbitration) 3-3-0
931.528	생명윤리와 법(Bioethics and Law) 3-3-0	931.676 도산법(Laws of Bankruptcy and Corporate Reorganization) 3-3-0
M2194.002200	법의 도덕적 기초(The Moral Foundation of Law) 3-3-0	931.678 민사소송법 연습(Case Studies in Civil Procedure) 3-2-2
931.530	한국법제사특강(Topics in Korean Legal History) 3-3-0	931.680 민사법실무연습(Practice and Advanced Civil Law and Procedure) 3-3-0
931.531	현대인권론(Contemporary Human Right) 3-3-0	931.701 금융법개론(Introduction to Financial Law) 3-3-0
931.533	미국법 입문(Introduction to American Law) 3-3-0	931.702 상거래법(Law on Commercial Transactions) 3-3-0
931.535	여성주의 관례 연구(Cases Studies in Gender and Law) 3-2-2	931.703 회사법(Corporate Law) 3-3-0
931.536	법률정보의 조사(Legal Research) 1-1-0	931.704A 기업재무와 법(Corporate Finance and Law) 3-3-0
931.538	법률영어·영문법문서 작성(Legal Writing in English) 3-3-0	931.705 기업지배구조론(Corporate Governance of the Public Firm) 3-3-0
931.539	일본법(Japanese Law) 3-3-0	931.706 보험법(Law of Insurance) 3-3-0
931.541	중국법(Chinese Law) 3-3-0	931.707 금융거래법(Law on Financial Transactions) 3-3-0
931.543	법심리학(Law and Psychology) 3-3-0	931.708 기업인수합병(Merger and Acquisition) 3-3-0
931.601	공법 1(헌법과 정치제도)(Public Law 1(the constitution and the government structure) 2-3-0	931.709 신탁법(Trust Law) 3-3-0
931.602	공법 2(기본권론)(Public Law 2(the Fundamental Rights)) 3-3-0	931.710 자본시장법(Capital Markets Law) 3-3-0
931.603	공법 3(Public Law 3) 3-3-0	M2194.003700 기업거래의 법과 실무(Law and Practice of Corporate Transactions) 3-3-0
M2194.003300	기본권심화이론(Advanced Theory of Basic Rights) 3-3-0	931.713 회사소송(Corporate Litigation) 3-3-0
M2194.003400	헌법과국가조직(The Constitution and the Organization of the State) 3-3-0	931.714A 국제기업지배구조론(International Corporate Governance) 3-3-0
931.609	헌법소송법(Constitutional Litigation) 3-3-0	M2194.003600 비교상사법특강(Topics in Comparative Commercial Law) 3-3-0
931.610	미연방헌법(U.S. Constitution) 3-3-0	931.719 세법개론(Introduction to Tax Law) 3-3-0
931.611	독일헌법(German Constitution) 3-3-0	931.720A 회계와세무(Accounting for Law and Taxation) 3-3-0
931.612	입법학(Legislation) 3-3-0	931.721 조세소송(Tax Controversies) 3-3-0
M2194.003200	헌법의 기본원리(Principles of Constitutional Law) 3-3-0	931.722 법인세와 주주과세(Corporate Income Taxation) 3-3-0
931.618	행정구제법(Administrative Remedies) 3-3-0	931.724 국제조세(International Taxation) 3-3-0
931.619	건설행정법(Public construction law) 3-3-0	931.725 조세법연습(Seminar on Tax Cases) 3-2-2
931.620	경제규제법(Law and Economic Regulation) 3-3-0	931.726 지적재산권법(Introduction to Intellectual Property Law) 3-3-0
931.622	공법사상과 법방법론(Legal thoughts and Methods for Public Law) 3-3-0	931.727 저작권법(Copyright Law) 3-3-0
931.624	정보통신법(Communications Law) 3-3-0	931.728 특허법(Patent Law) 3-3-0
M2194.003800	행정법심화연구(Advanced Research on	

931.729	과학기술과 법(Science, Technology and Law) 3-3-0	931.862	개별적 근로관계법(Individual Labor Relations Law) 3-3-0
931.730	부정경쟁방지법(Unfair Competition Prevention Law) 3-3-0	931.863	사회보장법(Social Security Law) 3-3-0
931.731	혁신과 경쟁(Innovation and Competition) 3-3-0	931.864	집단적 노사관계법(Collective Labor Relations Law) 3-3-0
931.732	저작권실무(Copyright Law in Practice) 3-2-2	931.865	고용평등법(Equal Employment Law) 3-3-0
931.733	특허실무(Case Study of Patent) 3-2-2	931.866	공공부문 노사관계법(Labor Relations in Public Sector) 3-3-0
931.734	국제지적재산권(International intellectual Property) 3-3-0	931.867	공공부조법(Public Assistance Law) 3-3-0
931.735	라이센싱 Licensing international intellectual) 3-3-0	931.868	사회보험법(Social Insurance Law) 3-3-0
931.736	상사법실무연습(Practice and Advanced Commercial Law) 3-3-0	931.869	노동법연습(Labor Law Theory and Practice) 3-2-2
931.737	투자금융의 법과 실무(Investment Banking : Law and Business) 3-3-0	931.870	노동소송실무(Practices of Labor related Action) 3-2-2
931.738	보험규제와 법(Insurance Regulation and Law) 3-3-0	931.871	사회보장법 연습(Seminar in Social Security Law) 3-2-2
931.751	형법1(Criminal Law1) 3-3-0	931.872	환경법(Environmental Law) 3-3-0
931.752	형법2(Criminal Law2) 2-2-0	931.873	자원에너지법(Natural Resources and Energy Law) 3-3-0
931.753	형사소송법(Criminal Procedure) 3-3-0	931.874	기후변화법(Climate Change Law) 3-3-0
931.754	사법개혁론(Judicial Reform) 3-3-0	931.875	국제환경법(International Environmental Law) 3-3-0
931.755	사실인정론(Rules and Skills on Fact Finding) 3-3-0	931.876A	환경구제법(Advanced Study on Environmental Remedies) 3-3-0
931.756	한국의 공익인권소송(Public Interest Lawyering in Korea) 3-3-0	931.877	임상법학 1(Legal Clinic 1) 2-1-4
M2194.004000	형사법심화연구(Advanced Topics in Criminal Law and Procedure) 3-3-0	931.878	임상법학 2(Legal Clinic 2) 2-1-4
931.758	형사정책 Criminology and Criminal Justice) 3-3-0	931.879	특별임상법학(Special Legal Clinic) 2-1-4
931.759	형사증거법(Criminal Evidence) 3-3-0	931.901	미국 증권거래법(U.S.Securities Regulation) 2-2-0
931.760A	검찰실무 1(Practice of Prosecutors 1) 3-3-0	931.902	미국행정법(U.S. Administrative Law) 2-2-0
931.762	형사재판실무(Judicial Practice of Criminal Cases) 3-2-2	931.903	영미법개론(Introduction to American law) 2-2-0
M2194.003900	비교형사법(Comparative Criminal Law and Procedure) 3-3-0	931.904	WTO와 국제거래(WTO and International Trade Law) 2-2-0
931.770	검찰실무 2(Practice of Prosecutors 2) 2-2-0	931.905	비교헌법론(Comparative Constitution) 2-2-0
931.771	형사법실무연습(Practice and Advanced Criminal Law and Procedure) 3-3-0	931.906	미국계약법(U.S. Contract Law) 1-1-0
931.801	국제법 1(International Law I) 3-3-0	931.907	인터넷 법 정책(Internet Law and Policy 2-2-0
931.802	국제법 2(International Law 2) 3-3-0	931.908	EU회사 증권법(EU Company and Securities Law) 2-2-0
931.803	국제거래법개론(Transnational Commercial Law) 3-3-0	931.909	미국형사법(American Criminal Law and Procedure) 2-2-0
931.804	국제경제/통상법(International Economic and Trade Law) 3-3-0	931.910	미국저작권법(American Copyright Law) 2-2-0
931.805	국제사법(CONFLICT OF LAWS) 3-3-0	M2090.000100	국제민사소송법(International Civil Litigation) 1-1-0
931.806	국제상사중재(International Commercial Arbitration) 3-3-0	M2090.000300	종합실무연습(Comprehensive Practice) 2-2-2
931.807	국제분쟁해결(International Dispute settlement) 3-3-0	M2090.000400	해상법(Maritime Law) 3-3-0
931.808	국제인권법(International Human Rights Law) 3-3-0	M2090.000500	비교법(Comparative Law) 2-2-0
931.809	국제투자법(Legal framework of cross-border investment) 3-3-0	M2194.001500	이민법(Immigration Law) 3-3-0
931.810	무역구제법(Trade Remedy Law) 3-3-0	M2194.001700	인권법(Human Rights Law) 3-3-0
M2194.004100	국제관계법특수연구(Study of Select International Legal Issues) 3-3-0	M0000.000700	경찰실무(Police Law Practice) 2-2-0
931.813	국제민사소송법(International Civil Procedure) 3-3-0	M2090.000600	EU공법 특강(Studies in EU Public Law) 2-2-0
931.815	동아시아국제법(East Asian International Law) 3-3-0	M2090.000700	비교헌법 특강(Studies in Comparative Constitutional Law) 2-2-0
931.816	조약법(Treaty Law) 3-3-0	M2090.000800	미연방헌법 특강(Studies in U.S. Constitution) 2-2-0
931.817	WTO/FTA 분쟁해결(WTO/FTA Dispute Settlement) 3-3-0	M2090.000900	비교사법 특강(Studies in Comparative Private Law) 1-1-0
931.819	EU법(EU Law) 3-3-0	M2090.001000	비교회사법 특강(Studies in Comparative Corporate Law) 2-2-0
931.820	EU국제관계법(EU Foreign Relations Law) 3-3-0	M2090.001100	국제지적재산권 특강(Studies in International intellectual Property) 2-2-0
931.851	시장경제와 법적규제(Market Economy and Legal Regulation) 3-3-0	M2090.001200	비교형사법 특강(Studies in Comparative Criminal Law) 2-2-0
M2194.001300	특별경제법(Specialized Regulations of Economic Law) 3-3-0	M2090.001300	국제환경법 특강(Studies in International Environmental Law) 2-2-0
931.853	독점규제법(Korean Competition Law) 3-3-0	M2090.001400	비교경제법 특강(Studies in Comparative Economic Law) 2-2-0
931.854	소비자보호법(Law of Consumer Protection) 3-3-0	M2090.001500	미국법 사례(Current Issues in U.S. Law) 3-3-0
931.855	독점규제법연습(Seminar in Competition Law) 3-2-2	M2194.001600	현대법이론(Current Legal Theory) 2-2-0
M2194.001400	경제법실무(Economic Law on Practice) 3-3-0	M2194.001800	영국 부당이득법(The English Law of Unjust
931.857	농업법(Law of Agriculture) 3-3-0		
931.858	비교경제법(Comparative Economic Law) 3-3-0		

Enrichment) 1-1-0
M2194.001900 개인정보보호법제도(Privacy and Data Protection Law) 3-3-0
M2194.002000 인공지능과 법(Artificial Intelligence and Law) 3-3-0
M2194.002100 장애인법(Disability Law) 3-3-0
M2194.002400 국제형법(International Criminal Law) 1-1-0
M2194.002500 미국 민사소송법(American Civil Law Procedure) 1-1-0
M2194.002600 경쟁법과 기술(Antitrust and New Technologies)

1-1-0
M2194.002900 데이터와 프라이버시법(Data protection and privacy law) 3-3-0
M2090.001900 국제관계법특강(Studies in Law and International Relations) 1-1-0
M2194.004200 석사학위 논문연구(Research for a Master's Thesis) 3-3-0

교과목 이수규정(Departmental Course Requirements)

법학전문대학원 관련법령 및 이에 따른 법학전문대학원 내규에 따른다.

490. 융합과학기술대학원(Graduate School of Convergence Science and Technology)

공통과목(Extrdepartmental Courses)

- 490.502A 융합 지식의 실무 응용 1(Field Applications of Convergence Knowledge 1) 3-0-6
- 495.601 융합 지식의 실무 응용 2(Field Applications of Convergence Knowledge 2) 3-0-6
- 495.701 융합 프로젝트 설계(Interdisciplinary Project Design) 3-3-0
- M2178.000900 융합세미나(Seminars in Convergence Research) 2-2-0

497. 응용바이오횡학과 (Department of Applied Bioengineering)

- 491.503 나노 소재화학(Nanochemistry and Materials) 3-3-0
- 491.504 나노생명과학론(Nanobioscience) 3-3-0
- 491.506 나노과학의 핵심개념: 광학 및 광자학(Core Physical Concepts in Nanoscience: Optics and Photonics) 3-3-0
- 491.602 나노구조 및 물성(Nanostructure and Physical Properties) 3-3-0
- 491.608 미세융합공정 및 응용(Unconventional Nanopatterning and Applications) 3-3-0
- 491.611A 나노 생체 광자학(Nano Biophotonics) 3-3-0
- 491.612 뇌/신경 공학(Brain/Neural Engineering) 3-3-0
- 491.613 나노소재공정 및 실험(Nano Material Engineering and Experiment) 3-2-2
- 491.614 나노융합기술: 에너지 및 환경(Nano Convergence Technology: Energy and Environment) 3-3-0
- 491.621 융합 고분자과학(Convergence Polymer Science) 3-3-0
- *491.704 나노바이오특강(Topics in Nanobiosystem) 3-3-0
- *491.705 나노소재화학특강(Topics in Nano Material Chemistry) 3-3-0
- 495D.601 나노기술과 의생명과학(Nano Technology and Biomedical Sciences) 3-3-0
- 495D.604 방사선 방어 및 차폐(Radiation Protection and Shielding) 3-2-2
- 495D.612 고급 방사선융합영상학 실습(Field Learning in Advanced Convergent Medical Imaging Science) 3-2-2
- 495D.613 영상중재시술학(Image-guided interventions) 3-3-0
- 495D.701 고급의학영상처리 세미나 1(Seminars in Advanced Medical Image Processing 1) 3-3-0
- 495D.702 고급의학영상처리 세미나 2(Seminars in Advanced Medical Image Processing 2) 3-3-0
- 802.2019A 방사선생물학(Radiation Biology) 3-3-0
- 802.2021A 방사선물리학(Radiation Physics) 3-3-0
- 802.2022A 의료영상처리기술(Medical Image Processing) 3-3-0
- 802.2034 3차원의료영상특강(Special Lecture for 3 Dimensional Medical Imaging) 3-3-0
- 805.6012 방사선융합의생명과학개론(Introduction to Biomedical Radiation Convergence Sciences) 2-3-0
- 805.612A 몬테카를로 방사선 응용(Monte Carlo Application of Radiation) 3-3-0
- *805.6134 방사선의학물리특강(Topics in Medical Radiation Physics) 2-2-0
- 805.701 방사선과학개론(Introduction to Radiological Sciences) 3-3-0
- M2679.000200 융합 재생의학(Convergence Regenerative Medicine) 3-3-0

- M2679.000300 나노의학 특강(Topics in Nanomedicine) 3-3-0
- M2679.000400 생체재료의 기초(Fundamentals of Biomaterials) 3-3-0
- M2682.000300 방사선량계측의 원리(Principle of Radiation Dosimetry) 3-3-0
- M2682.000400 의료영상의 기초(Fundamentals of Medical Imaging) 3-3-0
- M2682.000500 신약개발에서 방사선 기술의 역할(Role of Radiation Technology in New drug Development) 3-3-0
- M2682.000600 융합 시스템즈 임상약리학 개론(Introduction to Convergent Systems Clinical Pharmacology) 3-3-0
- M2682.000700 신의료기술 개발의 이해(Understanding New Health Technology Development) 3-3-0
- M2682.000800 융합적 관점의 분자영상학(Molecular Imaging as a Convergence Science) 3-3-0
- M2682.000900 계량임상약리학을 위한 비선형혼합효과모델(Nonlinear Mixed Effects Models for Quantitative Clinical Pharmacology) 3-3-0
- M2682.001000 융합신의료기술개발자문(Consultation for New Health Technology Development) 3-3-0
- M2682.001300 융합연구를 위한 생리 및 병태생리의 이해(Understanding physiology and pathophysiology for Convergence Research) 3-3-0
- M2682.001400 테라노스틱스와 정밀의학(Theranostics and Precision Medicine) 3-3-0
- M2682.001500 임상약동력학의 신약개발 적용(Clinical Pharmacokinetics and Pharmacodynamics in Drug Development) 3-3-0
- M2682.001600 방사선나노의학세미나(Radionanomedicine Seminar) 3-3-0
- M2682.001700 고급 나노분자화학영상 세미나(Seminars in Advanced Nanomolecular Chemistry and Imaging) 3-3-0
- M2682.001800 규제과학 세미나(Regulatory Science Seminar) 3-3-0
- M3293.000100 대학원논문연구(Dissertation Research) 3-3-0
- M3293.000200 응용바이오횡학 개론(Introduction to applied bioengineering) 3-3-0
- M3293.000300 광학 현미경법(Optical Microscopy) 3-3-0
- *M3293.000400 응용바이오횡학 세미나 1(Seminars in Applied Bioengineering 1) 3-3-0
- *M3293.000500 응용바이오횡학 세미나 2(Seminars in Applied Bioengineering 2) 3-3-0
- *M3293.000600 응용바이오횡학 특강(Topics in applied bioengineering) 3-3-0
- M3293.000700 고등 광학 이미징 이론(Advanced Optical Imaging Theory) 3-3-0
- M3293.000800 초해상도 현미경 특론(Special topics in super-resolution microscopy) 3-3-0
- M3293.000900 나노과학의 핵심개념: 전자기학(Core Physical Concepts in Nanoscience: Electromagnetism) 3-3-0
- M3293.001000 전자 및 광전자 소자(Electronic and Optoelectronic Devices) 3-3-0
- M3293.001200 바이오기기분석(Biomedical Instrumental Analysis) 3-3-0
- M3293.001300 생물 물리 화학(Biophysical Chemistry) 3-3-0
- M3293.001400 바이오공학 창업론 및 세미나(Bioengineering Entrepreneurship and Seminar) 3-3-0
- M3293.001500 바이오융합과학특강(Special Topics in Applied Bioscience and Engineering) 3-3-0

전공선택 인정과목

(Credited as Major Elective for Program in Digital Contents and Information Studies)

학과 내규에 의함.

498. 지능정보융합학과

(Department of Intelligence and Information)

- 491.502B 나노과학의 핵심개념: 전자기학(Core Physical Concepts in Nanoscience: Electromagnetism) 3-3-0
- 491.505A 나노과학의 핵심개념: 양자역학(Core Physical Concepts in Nanoscience: Quantum Mechanics) 3-3-0
- 492.501A 현대정보검색 개론(Introduction to Modern Information Retrieval) 3-3-0
- 492.502A 정보추구행동론(Human Information Behavior) 3-3-0
- 492.611A 정보행동 연구조사 방법론(Human Information Behavior Research Methods) 3-3-0
- 493.601 융합로봇기술(Convergent Robotics Technology) 3-3-0
- 493.603 기초역학 및 동역학(Basic Mechanics and Dynamics) 3-3-0
- 493.606A 코어 디지털 하드웨어(Core Digital Hardware) 3-3-0
- 493.607 코어 소프트웨어(Core Software) 3-3-0
- 493.611 로봇-환경 상호작용 동역학 및 제어(Dynamics and Control of Robot-Environment Interaction) 3-3-0
- 493.612 컴퓨터 상호연결 네트워크(Computer Interconnection Networks) 3-3-0
- 493.613 지능형시스템수학(Mathematics for Intelligent Systems) 3-3-0
- *493.701 지능형융합시스템특강(Topics in Intelligent Convergence Systems) 3-3-0
- *493.702 지능형시스템 세미나(Seminars in Intelligent systems) 3-3-0
- M0000.005300 지능형 컴퓨터비전(Intelligent Computer Vision) 3-3-0
- *M0000.005400 정보융합 데이터 분석 연구 특강(Advanced Research Topics in Data Analysis for Information Studies) 3-3-0
- M2679.000100 전자 및 광전자 소자(Electronic and Optoelectronic Devices) 3-3-0
- M2680.001200 데이터 분석 개론(Introduction to Data Analysis) 3-3-0
- M2680.001300 정보융합 기계학습(Machine Learning for Information Studies) 3-3-0
- M2680.001400 소셜컴퓨팅(Social Computing) 3-3-0
- M2680.001700 정보융합 통계분석(Statistical Analysis for Information Studies) 3-3-0
- M2680.001800 인간컴퓨터상호작용연구(Human Computer Interaction Research) 3-3-0
- *M2680.002000 정보융합 특강(Topics in Information Studies) 3-3-0
- M2680.002100 데이터과학 심화연구(Advanced Research Project in Data Science) 3-3-0
- M2680.002200 청각지각과 인지(Auditory Perception and Cognition) 3-3-0
- *M2680.002300 인지 컴퓨팅 특강(Topics in Cognitive Computing) 3-3-0
- M2680.002400 컴퓨터 청각(Machine Listening) 3-3-0
- M2680.002500 사용자 경험(User Experience) 3-3-0
- M2680.002600 정보융합 뉴럴 네트워크(Neural Networks for Information Convergence Studies) 3-3-0
- M2681.000100 지능시스템을 위한 패턴인식(Pattern Recognition for Intelligent Systems) 3-3-0
- M2681.000200 지능시스템을 위한 VLSI설계(VLSI Design for Intelligent Systems) 3-3-0
- M2681.000300 지능시스템을 위한 고급 VLSI 설계(Advanced VLSI Design for Intelligent Systems) 3-3-0
- M2681.000400 데이터센터 구조의 융합적 접근(A Holistic Approach to Datacenter Architecture) 3-3-0
- M2681.000500 휴머노이드 로봇기술 개론(Introduction to

- Humanoid Robotics) 3-3-0
- M2681.000600 휴머노이드 로봇 보행제어의 이론과 실습(Theory and Practice of Humanoid Walking Control) 3-3-0
- M2681.000700 디지털 하드웨어 가속기 설계(Digital Hardware Accelerator Design) 3-3-0
- M3205.000100 대학원논문연구(Dissertation Research) 3-3-0
- M3294.000100 지능정보 세미나(Information Intelligence Seminar) 3-3-0
- M3294.000200 AI와 기술문화(AI and Technoculture) 3-3-0
- M3294.000300 디지털트랜스포메이션(Digital Transformation) 3-3-0
- M3294.000500 인공지능을 위한 컴퓨터구조(Computer Architectures for Artificial Intelligence) 3-3-0
- M3294.000600 소리에서 의미로(From Sound to Meaning) 3-3-0
- M3294.000700 광학 현미경법(Optical Microscopy) 3-3-0
- M3294.000800 나노 생체 광자학(Nano Biophotonics) 3-3-0
- M3294.000900 뇌 및 신경 공학(Brain and Neural Engineering) 3-3-0
- M3294.001000 고등 광학 이미징 이론(Advanced Optical Imaging Theory) 3-3-0
- M3294.001100 나노구조 및 물성(Nanostructure and Physical Properties) 3-3-0
- M3294.001200 나노소재화학(Nanochemistry and Materials) 3-3-0
- M3294.001300 나노융합기술:에너지 및 환경(Nano Convergence Technology: Energy and Environment) 3-3-0
- M3294.001400 바이오기기분석(Biomedical Instrumental Analysis) 3-3-0

전공선택 인정과목

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학과 내규에 의함.

494. 분자의학 및 바이오제약학과(Department of Molecular Medicine and Biopharmaceutical Sciences)

- 494.502 의약세포유전학(Medicinal Cell Biology and Molecular Genetics) 3-3-0
- 494.601 약물전달시스템(Drug Delivery System) 3-3-0
- 494.602 임상단백질체학(Clinical Proteomics) 3-3-0
- 494.604 면역생물학(Immunobiology) 3-3-0
- 494.608 분자영상과 나노의학(molecular imaging and nanomedicine) 3-3-0
- 494.609 임상시험을 위한 생체 분자영상(In vivo molecular imaging for clinical trials) 3-3-0
- 494.612 발암기전의 분자생물학(Molecular Mechanisms of Carcinogenesis) 3-3-0
- 494.613 의약생체재료(Biomedical Materials) 3-3-0
- 494.614 질병의 병태생리학(Pathophysiology of Human Diseases) 3-3-0
- 494.615 신약개발을 위한 분자영상(Molecular Imaging for Drug Discovery) 3-3-0
- 494.616 재생의학과 분자영상(Regenerative Medicine and Molecular Imaging) 3-3-0
- 494.617 분자종양학(Molecular Tumor Biology) 3-3-0
- 494.618 면역계질환론(Immune System Disorder) 3-3-0
- 494.803 대학원 논문 연구(Graduate Study for Thesis) 3-3-0
- M1605.000100 유전-단백체 통합 연구(Topics in Integrative Genomics and Proteomics Studies) 3-3-0
- M0000.005100 과학논문작성기법(The method for writing og scientific paper) 3-3-0
- M1605.000200 최신 오믹스 연구 특론(Topics of Current OMICS

- Research) 3-3-0
M1605.000300 바이오의약품개발특강(Biopharmaceutical development Seminar) 3-3-0
M0000.022600 항암치료제 개발(Anti-cancer Therapeutics development) 3-3-0
M0000.022700 임상적수요와 전략(Clinical Unmet and Strategy) 3-3-0
M0000.022800 약물발견 및 개발의 사례연구 및 전략(Case Studies and Strategies in Drug Discovery and Development) 3-3-0
M0000.022900 약물개발의 원리와 실무 (Principles and Practice of Drug Development) 3-3-0
M0000.023000 감염성질환에 대한 새로운 치료법개발 및 바이오디펜스(Biodefense and Emerging therapeutics for Infectious Diseases) 3-3-0
M0000.023100 바이오마커와 치료제에 대한 중개연구(Translational Challenges: Therapeutics and Biomarker) 3-3-0
M0000.023200 바이오시밀러 개발(Biosimilar development) 3-3-0
M0000.023300 임상연구설계(Designing Clinical Research) 3-3-0
M0000.023400 세포치료제 및 유전자치료제(Cell therapy and gene therapy) 3-3-0
M0000.023500 데이터 과학의 의학 적용(Collaborative Data Science in Medicine) 3-3-0
M0000.023600 생명공학의 리더쉽(Biotech Leadership) 3-3-0
M0000.023700 생명과학의 전략적 의사 결정(Strategic Decision Making in the Life Sciences) 3-3-0
M0000.023800 산업체 관리자를 위한 의학세미나(Medicine for Managers and Entrepreneurs) 3-3-0
M0000.023900 바이오산업 기업가 정신의 비즈니스(Bioeconomy Entrepreneurship business) 3-3-0
M0000.024000 연구주제 발표 및 토론 세미나(Research topic presentation and discussion seminar) 3-3-0
M1605.000400 의약품면역학(Medicinal Immunology) 3-3-0
M1605.000500 한국의 신약개발 비즈니스생태계: 현황과 전망(Business ecosystem for new drug development in Korea) 3-3-0
M1605.000600 혁신신약 관련 기술 및 특허의 이해(Understanding Innovative New Drug Technologies and Patents) 3-3-0
M1605.000700 혁신신약의 특허침해 및 대응(Patent Infringement of Innovative New Drug and Respond) 3-3-0
M1605.000800 IP-R&D를 활용한 개별 연구개발 프로젝트(Individual Research and Development Projects Utilizing IP-R&D) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Molecular Medicine and Biopharmaceutical Sciences)
학과 내규에 의함.

496. 수리정보과학과(Department of Mathematical Information Science)

- 496.501 수리암호(Mathematical Cryptography) 3-3-0
496.502 컴퓨터학(Introduction to Computer Science) 3-3-0
496.503 소프트웨어 및 시스템 보안(Introduction to Software and System Security) 3-3-0
496.504 디지털 포렌식(Introduction to Digital Forensics) 3-3-0
M0000.009900 디지털증거법(Law on Digital evidence) 3-3-0
M0000.010000 디지털 포렌식 실습 및 특강(Digital Forensics Practice and Topics in Digital Forensics) 3-2-2
496.701 안티포렌식 특강(Anti-Forensics) 3-3-0
496.702 수리정보과학 특강(Mathematical Information Sciences) 2-2-0
496.703 디지털 포렌식 특강(Topics in Digital Forensics) 1-1-0
496.803 대학원논문연구(Dissertation Research) 3-3-0
M0000.006200 정보보호법(Law on information protection) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Mathematical Information Science)
학과 내규에 의함.

499. 헬스케어융합학과(Department of Health Science and Technology)

- *M3384.000100 바이오헬스/의료기기 산업화(Industrialization of Bio-Health/Medical Device) 3-3-0
*M3384.000200 보건의료정보통신기술(Healthcare Information & Communications Technology) 3-3-0
M3384.000300 융합임상연구 설계와 시행(Designing and Implementation of Convergence Clinical Research) 3-3-0
M3384.000400 보건의료 빅데이터 통계분석(Statistical Analysis for healthcare big data) 3-3-0
M3384.000500 테라노스틱스의 원리와 실제(Principles and Practices of Theranostics) 3-3-0
M3384.000600 생체신호 분석을 위한 기계학습(Machine Learning for Bio-signal Analysis) 3-3-0
M3384.000700 대학원논문연구(Dissertation Research) 3-3-0
M3384.000800 정밀의료와 헬스케어(Precision Medicine and Healthcare) 3-3-0
M3384.000900 신약 임상개발의 원리와 실제 (Principles and Realities of New Drug Development) 3-3-0
M3384.001000 뇌-신경계 관련 의료 기술(Medical devices and technologies for Neurologic diseases) 3-3-0
M3384.001100 첨단재생의료 및 바이오의약품(Advanced Regenerative Medicine and biopharmaceuticals) 3-3-0

전공선택 인정과목
(Credited as Major Elective for Dept. of Health Science and Technology)
학과 내규에 의함.

A100. 국제농업기술대학원(Graduate School of International Agricultural Technology)

A101. 국제농업기술학과(Department of International Agricultural Technology)

공통과목(Extrdepartmental Courses)

- M2868.000100 논문작성과 연구실험 윤리(Thesis Writing and Research Ethics) 3-3-0
 M2868.000200 실험통계학(Experimental Statistics) 3-3-0
 M2868.010400 국제농업기술학개론(Introduction to International Agricultural Technology) 3-3-0
 M2868.006700 대학원논문연구(Dissertation Research) 3-3-0
 M2867.004600 그린바이오과학기술특강(Topics in Green-Bio Science and Technology) 3-3-0
 M2866.005300 4차산업혁명과 애그리비즈니스의 이해(Understanding of the 4th industrial Revolution and Agribusiness Convergence) 3-2-2
 M2866.005400 4차산업혁명과 애그리비즈니스 응용(Application of the 4th industrial Revolution and Agribusiness Convergence) 3-2-2
 M2866.005500 그린바이오산업기술 정책(Greenbio industry and technology Policy) 3-3-0

경제동물과학전공(Applied Animal Science Major)

- M2867.000100 바이오사료공학(Bio-Animal Feed Science & Technology) 3-3-0
 M2867.000200 단위동물 사료가치평가학(Feed Evaluation for Monogastric Animals) 3-3-0
 M2868.000800 유가공 및 낙농미생물학 특강(Topics in Dairy Technology and Microbiology) 3-3-0
 M2868.000900 프로바이오틱스와 장내미생물학 특강(Topics in Probiotics and Microbiota) 3-3-0
 M2868.001000 유제품의 기능성학 특강(Topics in Functionalities of Dairy Products) 3-3-0
 M2868.001100 반추가축 영양소 분배학(Nutrient Partitioning of Ruminants) 3-3-0
 M2868.001200 반추가축 사료가치 평가학(Advances in Feed Evaluation for Ruminants) 3-3-0
 M2868.001300 초지 생태와 관리(Pasture Ecology and Management) 3-3-0
 M2868.001400 조사료 생산이용학(Forage Production and Utilization) 3-3-0
 M2868.001500 기능성 축산소재 연구(Studies in Functional Animal Biomaterials) 3-3-0
 M2868.001600 응용 축산 생물공학(Biotechnology Application in Livestock Industry) 3-3-0
 M2868.001700 지속적 가금 생산기술(Sustainable Poultry Production System) 3-3-0
 M2868.001800 가금 유전체 제어 기술(Poultry Genomic Editing System) 3-3-0
 M2868.001900 유전자변형 모델동물학(Genetically Engineered Animal Model) 3-3-0
 M2868.002000 국제 예방수의학(Global Preventive Veterinary Medicine) 3-3-0
 M2868.006200 경제동물산업기술 인턴십(Internship in Livestock Industry and Biotechnology) 3-0-6
 M2868.007000 유가공산업 실습(Practice on Dairy Industry) 3-0-6
 M2868.007100 축산소재개발특강(Topics in Development of Animal Biomaterials) 3-3-0
 M2868.007200 축산생물공학사례연구(Case Studies in Animal Biotechnology) 3-3-0

- M2868.007300 반추동물의 실험 디자인과 방법(Design and methodology of experiments with ruminant) 3-3-0
 M2868.007400 열대 반추가축 사양학 세미나(Seminar on tropical ruminants feed management) 3-3-0
 M2868.007500 조사료 연구방법론(Methodology in forage studies) 3-3-0
 M2868.007600 조사료학특강(Topics in forage science) 3-3-0
 M2868.007700 가금 유전체 및 육종학(Poultry Genomics and Breeding) 3-3-0
 M2868.008000 설치류 모델동물학(Rodent laboratory animal model) 3-3-0
 M2868.008100 중대동물 모델동물학(Middle size laboratory animal model) 3-3-0
 M2868.008200 비교가축소화생리학(Comparative Animal Digestive Physiology) 3-3-0
 M2868.008300 응용가축영양학(Applied Animal Nutrition) 3-3-0
 M3190.000200 경제동물과학개론(Introduction to Applied Animal Science) 3-3-0
 M2868.009300 식육품질평가론(Meat Quality Evaluation) 3-3-0
 M2868.009200 식육과학특강(Topics in Meat Science) 3-3-0
 M2868.009400 식육가공기술(Meat Processing Technology) 3-3-0
 M3190.000100 경제동물과학세미나(Seminar in Applied Animal Science) 3-3-0
 M3190.000300 경제동물과학특강(Topics in Applied Animal Science) 3-3-0
 M2866.004800 동물기초해부생리학특강1(Topics in Fundamental Animal Anatomy and Physiology1) 3-3-0
 M3190.000700 동물기초해부생리학특강2(Topics in Fundamental Animal Anatomy and Physiology2) 3-3-0
 M2867.004800 응용동물세포생물학1(Applied Animal Cell Biology1) 3-3-0
 M3190.000400 응용동물세포생물학2(Applied Animal Cell Biology2) 3-3-0
 M2867.005000 질환생물학의 이해1(Principles of Pathobiology1) 3-3-0
 M3190.000500 응용동물독성학1(Applied Animal Txicology1) 3-3-0
 M3190.000600 응용동물독성학2(Applied Animal Txicology2) 3-3-0
- 바이오식품산업전공(Food Technology Major)**
 M2868.002500 국제식품생화학특강 및 실습(Topics in Food Biochemistry and Practice) 3-2-2
 M2868.002600 농식품미생물공학특강(Topics in Agri-Food Microbial Biotechnology) 3-3-0
 M2868.002700 식품탄수화물효소공학특강(Topics in Food Carbohydrates and Enzyme Engineering) 3-3-0
 M2868.002800 국제농산물기능학특강(Topics in Functionality of International Agricultural Products) 3-3-0
 M2868.002900 농식품 발효학 특강 및 실습(Topics in Industrial Fermentation of International Agricultural Foods and Practice) 3-3-0
 M2868.003000 바이오식품산업연구 및 실습 I(Special Issues on Bio Food Industry and Practice I) 3-0-6
 M2868.003100 바이오식품산업연구 및 실습 II(Special Issues on Bio Food Industry and Practice II) 3-0-6
 M2868.006300 바이오식품산업 인턴십(Internship in Bio-food Industry) 3-0-6
 M2868.006900 축산·식품 산업 현장의 이해 II(Current Issues and Perspectives on Livestock·Foods Industry II) 3-3-0
 M2868.008400 식품 생물리학 특강(Topics in Food Biophysics) 3-3-0
 M2868.008500 식품 인캡슐레이션(Food Encapsulation) 3-3-0

M2867.001000	식품 콜로이드학(Food Colloid Science) 3-3-0	Agroecology and Disease Monitoring Practice1) 3-0-6	
M2867.001100	식품 바이오젤특강(Topics in Food Biogels) 3-3-0	M3192.000200	작물재배생태 및 병해충예찰 실습2(Crop Agroecology and Disease Monitoring Practice2) 3-0-6
M2867.001700	식품저장유통학(Food Preservation and Distribution) 3-3-0	M3192.000300	종자생명공학연구 방법론1(Seed Biotechnology Research Methods1) 3-0-6
M2867.003400	식품산업미생물학특강(Topics in food industrial microbiology) 3-3-0	M3192.000400	종자생명공학연구 방법론2(Seed Biotechnology Research Methods2) 3-0-6
M2867.003800	식품효모유전체공학특강(Topics in Food Yeast Genome Engineering) 3-3-0	M2866.005800	종자생명기술 세미나1(Seminar in Seed Biotechnology1) 3-3-0
M2867.004000	식품인체작용기작론(Mechanism of Foods in Human) 3-3-0	M2866.000500	종자생명기술 세미나2(Seminar in Seed Biotechnology2) 3-3-0
M2868.000500	국제농산물 가공학(Applied Agricultural Food Processing in International Agriculture) 3-3-0	M2867.005100	작물 병저항성 생명공학 특강(Topics in Biotechnology for Crop Disease Resistance) 3-3-0
M2868.010500	바이오식품산업 세미나I (Seminar in Food TechnologyI) 3-3-0	그린에코시스템공학전공(Green Ecosystem Engineering Major)	
M2868.010600	바이오식품산업 세미나II(Seminar in Food Technology II) 3-3-0	M2867.000400	산림바이오에너지특강(Topics on Forest Bioenergy) 3-2-2
M3191.000100	식품 에멀션 (Food Emulsions) 3-3-0	M2868.004300	국제농업용수관리공학(Water Management Engineering for International Agriculture) 3-2-2
M3191.000500	국제식품생화학특강(Topics in Food Biochemistry) 3-3-0	M2868.004500	국제농촌유역관리공학(International Agricultural Watershed Management Engineering) 3-3-0
M3191.000600	바이오식품산업연구1(Special Issues on Bio Food Industry1) 3-3-0	M2868.004700	국제농촌자원관리공학(International Natural Resources Management Engineering) 3-2-2
M3191.000700	바이오식품산업연구2(Special Issues on Bio Food Industry2) 3-3-0	M2868.004800	국제농촌자원계획특강(Topics in International Natural Resources Planning) 3-2-2
M3191.000200	축산·식품 산업 현장의 이해2(Current Issues and Perspectives on Livestock·Food Industry2) 3-3-0	M2868.004900	농촌환경전과정평가 이해(Understanding Life-cycle Assessment for Rural Environment) 3-2-2
M3191.000300	바이오식품산업 세미나1(Seminar in Food Technology 1) 3-3-0	M2866.002500	그린에코공학 인턴십(Internship in Green-eco Engineering) 3-0-6
M3191.000400	바이오식품산업 세미나2(Seminar in Food Technology 2) 3-3-0	M2868.008600	바이오매스 열화학변환공정 특강(Topics in thermochemical conversion of biomass) 3-3-0
M2867.005200	바이오식품발효학 특강(Topics in Biofood Fermentation) 3-3-0	M2868.008700	바이오매스 소재특성론(Topics on plant biomass characteristics) 3-3-0
종자생명과학전공(Crop Biotechnology Major)		M2867.001500	바이오매스 활용 기술특강(Topics in Application Technology of Biomass) 3-2-2
M2867.000500	식물곤충방어기작특강(Topics in Plant Defense Mechanisms against Insects) 3-3-0	M2866.002200	그린에코공학개론(Introduction to Green-Eco Engineering) 3-3-0
M2867.000600	작물유전학특강(Topics in Crop Genetics) 3-3-0	M2868.009600	농촌환경정보분석특강 (Topics in Agricultural and Environmental Information Analysis) 3-2-2
M2867.000700	작물RNA생물학특강(Topics in RNA Biology of Crops) 3-3-0	M2868.009700	농촌환경예측방법론특강 (Topics in Methodology for Predicting Agricultural Environment) 3-2-2
M2868.003300	국제작물과학 최신이슈(International Issues in Crop Science) 3-3-0	M2866.004500	국제농업기술 빅데이터 분석 (Big Data Analysis for International Agricultural Technology) 3-2-2
M2868.003400	국제농업시스템생물학(Global Agricultural System Biology) 3-3-0	M2866.004600	국제농업 프로그래밍방법론 (Programming Methodology for International Agricultural Research) 3-3-0
M2868.003700	작물생태생리학(Crop Ecology and Physiology) 3-3-0	M2866.005700	바이오매스 바이오리파이너리1(Biomass Biorefinery1) 3-2-2
M2868.003800	분자유종학 최신기술(Recent Advances in Molecular Breeding) 3-3-0	M2868.009900	그린에코시스템공학연구 방법론1(Green Ecosystem Engineering Research Methods1) 3-0-6
M2868.006400	종자생명기술 인턴십(Internship in Global Seed Biotechnology) 3-0-6	M2868.010000	그린에코시스템공학연구 방법론2(Green Ecosystem Engineering Research Methods2) 3-0-6
M2867.001200	작물분자생물학특강(Topics in Crop Molecular Biology) 3-3-0	M3194.000300	그린에코시스템공학 세미나1(Seminar in Green Ecosystem Engineering1) 3-3-0
M2867.001300	식물-미생물 상호작용특강(Topics in Molecular Plant-Microbe Interactions) 3-3-0	M3194.000400	그린에코시스템공학 세미나2(Seminar in Green Ecosystem Engineering2) 3-3-0
M2867.001400	작물바이러스임상병학 및 진단 실험(Clinical Crop Virology and Diagnosis Lab) 3-2-2	국제농업개발협력전공(International Agricultural Development and Cooperation Major)	
M2867.001800	작물생화학특강(Topics in Crop Biochemistry) 3-3-0	M2868.005400	국제농업개발협력의 이론과 실제(A Theory and Practice on International Agricultural Development) 3-3-0
M2867.002700	작물병원미생물학(Crop Pathogenic Microbiology) 3-3-0	M2868.005600	경제조사의 방법론과 응용(Methods and Applications in Economic Research) 3-3-0
M2867.003900	작물단백질생화학특강(Topics in Protein Biochemistry of Crops) 3-3-0	M2868.005800	동남아 지역경제론(Regional Studies on Southeast
M2868.000600	종자생명공학특강(Topics in Seed Biotechnology) 3-3-0		
M2868.009000	작물후성유전학특강 (Topics in Crop Epigenetics) 3-3-0		
M3192.000100	작물재배생태 및 병해충예찰 실습1(Crop		

Asia) 3-3-0
M2868.006600 국제농업개발협력 인턴십(Internship in International Agricultural Development and Cooperation) 3-0-6
M2867.002800 성과평가의 실험적 방법론(Experimental Method for Measuring Effectiveness of Aid) 3-3-0
M2868.000300 원조와 국제농업개발(Aid and International Agricultural Development) 3-3-0
M2868.010100 국제농산물무역과 개발(International Agricultural Trade and Development) 3-3-0
M2868.010200 국제농림정책분석(International Agricultural and Forest Policy Analysis) 3-3-0
M2868.010300 국제농림거버넌스(Global Governance for Agriculture and Forest Management) 3-3-0
M2868.009100 동아시아 농업발전론 (East Asian Agricultural Development) 3-3-0
M2868.009800 사회적 농업과 개발협력 (Social Farming and Development Cooperation) 3-3-0
M3193.000100 글로벌식품가치사슬과 농산물 유통 (Global Food Value Chains and Marketing of Agricultural Products) 3-3-0

M3193.000200 국제농업·산림정책(International Agricultural and Forest Policy) 3-3-0
M2866.005000 국제농촌개발론(International Rural Development) 3-3-0
M2866.005100 북한산림·환경정책(Forest and Environmental Policy in the North Korea) 3-3-0
M3193.000300 고급생산경제학(Advanced Production) 3-3-0
M3193.000400 국제농업개발협력 세미나1(Seminar in International Agricultural Development and Cooperation1) 3-3-0
M2866.005600 국제농업개발협력 세미나2(Seminar in International Agricultural Development and Cooperation2) 3-3-0
M3193.000500 애그리비즈니스와 개발협력(Agribusiness and Development Cooperation) 3-3-0

교과목 이수규정(Departmental Course Requirement)
학과내규에 의함.

A300. 공학전문대학원
(Graduate School of Engineering Practice)

A301. 응용공학과
(Department of Engineering Practice)

M2866.000300 공학자를 위한 화학(Chemistry for Engineers) 3-3-0	M2866.002600 응용공학세미나 I(Seminar for Engineering Practice I) 1-1-0
M2866.000400 공학자를 위한 물리(Physics for Engineers) 3-3-0	M2866.002700 응용공학세미나 II(Seminar for Engineering Practice II) 1-1-0
M2866.000800 공학자를 위한 수학(Mathematics for Engineers) 3-3-0	M2866.002800 다공학적 프로젝트 전략(Problem solving strategies of multi-engineering Project) 3-3-0
M2866.000900 스마트 산업 시스템(Smart Industrial Systems) 3-3-0	M2866.002900 공학자를 위한 인공지능시스템 설계(Artificial Intelligence System Design for Engineers) 3-3-0
M2866.000500 엔지니어링 프로젝트 매니지먼트I(Engineering Project Management I) 3-3-0	M2866.003000 전력시장의 이해(Understanding Electricity Market) 3-3-0
M2866.000600 엔지니어링 프로젝트 매니지먼트II(Engineering Project Management II) 3-3-0	M2866.003100 전력기술의 원리(Principles of Electric Power Technology) 3-3-0
M2866.000700 공학적 데이터 분석(Engineering Data Analytics) 3-3-0	M2866.003200 전기전자회로의 원리 및 실험(Principles and Experiments of Electrical and Electronic Circuits) 3-2-2
M2866.001000 미래유망기술분석방법론(Future Emerging Technology Analysis Method) 3-3-0	M2866.003400 응용공학설계(Design for Engineering Practice) 3-2-2
M2866.001100 복합 시스템 모델링 및 시뮬레이션(Complex System Modeling & Simulation) 3-3-0	M2866.003500 발전공학(Power Plant Technology) 3-3-0
M2866.001200 시스템 아키텍처 설계 개론(Introduction to System Architecture Design) 3-3-0	M2866.003600 송배전계통 해석(Power Transmission & Distribution System Analysis) 3-3-0
M2866.001300 응용공학특론(Special Topics in Engineering Practice) 3-3-0	M2866.003700 자율로봇지능(Autonomous Robot Intelligence) 3-3-0
M2867.004100 응용공학프로젝트의 기초(Applied Engineering Project Fundamentals) 3-3-0	M2866.004000 고급화학공정설계(Advanced Chemical Process Design) 3-3-0
M2866.001400* 응용공학프로젝트연구 I(Project Research in Engineering Practice I) 3-3-0	M2866.004100 공정안전공학(Process Safety Engineering) 3-3-0
M2866.001500* 응용공학프로젝트연구 II(Project Research in Engineering Practice II) 3-3-0	M2866.004200 고급 디지털 제조 및 실습(Advanced Digital Fabrication and Practice) 3-2-2
M2866.001600* 응용공학프로젝트연구 III(Project Research in Engineering Practice III) 3-3-0	M2902.000200 공학자를 위한 글로벌 프로젝트 매니지먼트(Global Project Management for Engineers) 3-3-0
M2866.001800 전력ICT 이론 및 응용(Energy-ICT Theories and Practices) 3-3-0	M2866.004300 제조를 위한 인공지능(Artificial Intelligence for Manufacturing) 3-3-0
M2866.001900 전력산업의 변화와 미래(Trends in Electric Power Industry) 3-3-0	M2867.004200 산업분리공정(Industrial Separation Processes) 3-3-0
M2866.002000 미래산업변화 대응 전략(Cutting Edge Technologies & Business Opportunities) 3-3-0	M2867.004300 촉매반응공학(Catalysis and Reaction Engineering) 3-3-0
M2866.002100 공학자를 위한 통계(Statistics for Engineers) 3-3-0	M2867.004400 공정산업 ICT 활용(ICT Applications in Process Industry) 3-3-0
	M2866.005200 기술 로드맵과 신기술 개발(Technology Roadmap and New Technology Development) 3-3-0
	M2867.004500 공학자를 위한 기업 경영(Global Project Management for Engineers) 3-3-0

교과목 이수규정(Departmental Course Requirements)

- ① 졸업이수학점은 36학점 이상으로 하며, 전공필수 과목(*)인 '응용 공학프로젝트연구 I,II,III' 9학점은 반드시 취득하여야 한다.
- ② 학기당 최대 취득가능학점은 15학점 이내로 한다.

A400. 데이터사이언스대학원
(Graduate School of Data Science)

A401. 데이터사이언스학과
(Department of Data Science)

M3224.000100 시각적 이해를 위한 기계학습(Machine Learning for Visual Understanding) 3-3-0	Mathematics for Data Science) 3-3-0
M3239.000600 데이터 기반 혁신과 창업(Data-Driven Innovation and Entrepreneurship) 3-3-0	M3239.004500 데이터사이언스를 위한 인과 추론 (Causal Inference for Data Science) 3-3-0
M3239.001000 데이터사이언스 캡스톤 프로젝트 (Data Science Capstone Project) 3-3-0	M3239.004600 데이터사이언스 원론 (Foundations of Data Science) 4-3-2
M3239.001100 텍스트 및 자연어 빅데이터 분석 방법론 (Text Analytics and Big Data) 3-3-0	M3239.005000 데이터사이언스를 위한 머신러닝 및 딥러닝 2 (Machine Learning and Deep Learning for Data Science 2) 3-3-0
M3239.002000 대학원 논문연구 (Dissertation Research) 3-3-0	M3239.005100 빅데이터 및 지식 관리 시스템 2 (Big Data and Knowledge Management Systems 2) 3-3-0
M3239.002300 데이터사이언스 특강 (Special Topics in Data Science) 3-3-0	M3239.005200 머신러닝의 수리적 입문 (Mathematical Introduction to Machine Learning) 3-3-0
M3239.002500 분산 기계학습 시스템 (Distributed Machine Learning Systems) 3-3-0	M3239.005300 데이터사이언스를 위한 머신러닝 및 딥러닝 1 (Machine Learning and Deep Learning for Data Science 1) 3-3-0
M3239.002600 데이터사이언스를 위한 학습이론 (Learning theories for data science) 3-3-0	M3239.005400 데이터사이언스를 위한 컴퓨팅 2 (Computing for Data Science 2) 3-3-0
M3239.002700 데이터사이언스 현장 실습 (Data Science Field Practice) 3-0-160	M3239.005500 데이터사이언스를 위한 컴퓨팅 1 (Computing for Data Science 1) 3-3-0
M3239.003100 데이터 분석과 시각화 (Data Analysis and Visualization) 3-3-0	M3239.005600 데이터사이언스를 위한 컴퓨팅의 기초 (Computing Foundations for Data Science) 3-3-0
M3239.003300 데이터사이언스 세미나 (Special Lecture on Data Science) 1-1-0	M3239.005700 빅데이터 및 지식 관리 시스템 1 (Big Data and Knowledge Management Systems 1) 3-3-0
M3239.003400 유전체 데이터 분석 방법 (Data analysis methods for genomics) 3-3-0	M3239.005800 데이터사이언스를 위한 수학과 통계의 기초 (Math and Statistics Foundations for Data Science) 3-3-0
M3239.003500 데이터사이언스를 위한 고급 통계 분석 (Advanced Statistic Analysis for Data Science) 3-3-0	M3239.005900 엠비언트 인공지능 플랫폼 및 실습 (Ambient AI Platforms and Practice) 3-3-0
M3239.003700 시공간 데이터 분석 및 처리 (Spatio-temporal data Analysis and Processing) 3-3-0	M3239.006400 데이터 사이언스 현장실무응용 (Practical Data Science Problem Solving) 3-3-0
M3239.003900 데이터사이언스 실무응용 (Field Applications of Data Science) 2-2-0	M3239.006500 머신러닝을 위한 연속형 수리적 방법 (Continuous mathematical methods with an emphasis on machine learning) 3-3-0
M3239.004000 자연어처리의 응용 (Applications of Natural Language Processing) 3-3-0	M3239.006700 데이터사이언스 프로젝트 (Project for Data Science) 3-3-0
M3239.004100 데이터사이언스와 강화학습 (Data Science and Reinforcement Learning) 3-3-0	M3239.006800 고차원데이터 분석을 위한 기하학적 방법 (Geometric Methods for High-Dimensional Data Analysis) 3-3-0
M3239.004200 AI의 윤리적 함의 (Ethical Implications of AI) 3-3-0	연계과목* (별도의 목록으로 내규로 공지)
M3239.004300 데이터사이언티스트를 위한 금융공학 (Financial Engineering for Data Scientists) 3-3-0	① 논문 연구 교과목의 최소이수 학점은 석사 3학점, 석박통합 및 박사 6학점이며 최대 취득학점은 석사 3학점, 석박통합 및 박사 12학점으로 석사를 제외하고 수료학점에 포함한다. (2022학년도 입학자에게 적용)
M3239.004400 데이터사이언스를 위한 중급수학 (Intermediate	② 학위취득 최저 소요학점은 석사 24학점, 석박통합 60학점, 박사 36학점이다. (2020, 2021, 2022학번)
	③ 그 외는 데이터사이언스 대학원 내규에 따른다.

외국인 대학원생을 위한 한국어과목(Korean Courses for International Graduates)

990.804	한국어와 한국문화 1 (Korean Language and Culture 1) 3-3-0	[과목의 이수에 관한 사항] ◦ 교과구분 : 일반선택
990.805	한국어와 한국문화 2 (Korean Language and Culture 2) 3-3-0	◦ 성적평가방법 : S/U(학점취득만을 인정하되, 평점에는 합산하지 아 니함) ◦ 수료학점 포함여부 : 불포함 ◦ 본 과목의 “S”를 취득하였을 경우, 석·박사학위 논문제출자격시험 의 한국어과목을 면제받을 수 있음.

대학원생을 위한 영어과목
English Courses for Graduates

대학원생을 위한 영어과목(English Courses for Graduates)

990.664	고급 영어학술작문(Graduate Academic Writing in English) 3-3-0	[과목의 이수에 관한 사항] ◦ 교과구분 : 일반선택
990.666	고급 영어학술발표(Advanced Academic Presentation in English) 3-3-0	◦ 성적평가방법 : S/U(학점취득만을 인정하되, 평점에는 합산하지 아 니함) ◦ 수료학점 포함여부 : 불포함

[부록]

교과과정 편성 및 운영에 관한 지침

제정	1993.	4.	26.
일부개정	2000.	8.	22.
전부개정	2005.	5.	16.
전부개정	2012.	6.	20.
일부개정	2014.	1.	20.
일부개정	2018.	10.	15.
일부개정	2019.	2.	28.
일부개정	2020.	8.	27.
일부개정	2020.	12.	3.

제1조(목적) 이 지침의 제정 목적은 학칙 제9조제3항의 위임에 따른 교과과정의 편성 및 운영 기준과 절차 등의 세부사항을 정함에 있다.

제2조(정의) 이 지침에서 사용하는 용어의 뜻은 별표 1과 같다.

제3조(교과과정의 편성 기준) 교과과정의 편성은 다음 각 호의 기준을 충족하여야 한다.

1. 서울대학교의 위상과 교육목표에 부합
2. 대학(원), 학과(부) 등 교육기구별 특성 및 해당 학문영역 발전에 부응
3. 각 학문분야의 학제적 교육·연구 활동의 제고
4. 학사·석사·박사 등 각 학위과정의 체계적 이수

제4조(교과목의 편성 및 운영) 교과목의 편성 및 운영은 대학(원), 학과(부)·전공 등 해당 교육기구가 주관하는 것을 원칙으로 하되, 제9조 제1항의 공통교과목으로 편성된 교과목은 기초교육원에서 주관한다. 이는 학사운영위원회의 심의를 거쳐 총장의 승인을 받아야 한다.

제5조(교과과정의 심의) ① 교과과정 편성 및 운영에 관한 다음 각 호의 사항은 학사운영위원회에서 심의한다.

1. 교과과정상 전공의 신설·변경·분리·폐지
 2. 전공 교과목의 신설·변경·폐지
 3. 전공 교과목 이수규정 및 경과조치에 관한 사항
 4. 전공 교과목 이수표준형태에 관한 사항
 5. 기타 교과과정의 편성 및 운영에 관련된 사항
- ② 다만, 다음 각 호의 사항은 교무처장이 직권으로 처리한 후, 차기 학사운영위원회에 보고한다.

1. 학점구조의 변경
2. 개설학기 또는 개설학년의 변경
3. 2군 교과목 지정 또는 해제
4. 교과목 전필 해제
5. 교육조직의 변경에 따른 교과목 소관의 변경 등

③ 제1항의 규정에도 불구하고 교양과정 교과과정 편성 및 운영에 관한 사항은 기초교육 위원회에서 관장한다.

제6조(교과과정 개편 시기 및 절차) ① 교과과정은 매 학기 1회에 한하여 개편하는 것을 원칙으로 한다.

- ② 각 대학(원) 등에서 교과과정을 개편하고자 할 때에는 직전 학기 개시 후 1개월 이내에 교과과정 개편안을 제출하여야 한다.
- ③ 제1항 및 제2항의 규정에도 불구하고 교육기구 개편, 교과목 담당교수의 신규임용 등 불가피한 사유가 있을 경우에는 정규 개편 시기 이외에도 교과과정 개편안을 제출할 수 있다. 다만, 이 경우에는 불가피한 사유를 입증할 수 있는 객관적이고 구체적인 자료를 함께 제출하여야 한다.
- ④ 제출된 교과과정 개편안은 각 대학(원) 등 관련 기관의 의견 수렴 및 이견 조정의 절차를 거쳐 학사운영위원회에서 심의한다.
- ⑤ 교과과정 개편은 최소한 학사일정 상 해당 학년도 교과목 개설 신청 및 수강편람 발간 일정 이전에 완료되도록 하여야 한다.

제7조(개설 주기) 교과목은 최소 2년에 1회 이상 개설되도록 편성하여야 하며, 이수표준형태에 개설주기를 표시한다. 다만, 교과목 담당교수가 연구년을 활용하거나 보직을 겸임하는 등 정당한 사유가 있는 경우에는 교과목 개설을 2년까지 유예할 수 있다.

제8조(교과과정상 전공) ① 학과(부)의 학문영역이 세부의 전공으로 나누어 편성·운영해야 할 필요가 있다고 인정되는 경우에는 교과과정상 전공을 신설하거나 분리할 수 있다.

② 학과(부)가 이미 학칙상 전공으로 분리되어 있는 경우에는 별도로 교과과정상 전공을 설치할 수 없다.

③ 제1항의 교과과정상 전공은 별표 3과 같다.

제9조(공통교과목) ① 학생 소속과 상관없이 전체 대학(원) 학생들을 대상으로 하는 교과목으로 어느 대학(원)에도 속하지 않거나 여러 대학(원)에 중복하여 속하는 교과목은 기초교육원 공통교과목으로 편성할 수 있다.

② 대학(원) 전체 학생들을 대상으로 하는 교과목으로서 대학(원) 내 어느 학문 계열에도 속하지 않거나 여러 학문계열에 중복하여 속하는 교과목은 해당 대학(원) 공통교과목(전공탐색교과목 포함)으로 편성할 수 있다.

③ 학과(부) 내에 전공이 있는 경우 해당 학과(부) 전체 학생들을 대상으로 하는 교과목으로 학과(부) 공통교과목을 편성할 수 있다.

제10조(전공 나열교과목) ① 전공 나열교과목이란 해당 학과(부)·전공에서 교과과정으로 편성하고 있는 개설 가능한 전공교과목을 말한다.

② 대학(원)의 학과(부)·전공에서 전공교과목으로 나열할 수 있는 최대 학점 수는 전공이수 학점 수의 4배수로 한다. 다만, 학칙 상 또는 교과과정 상 전공의 최대 나열 학점 수는 해당 학과(부) 최대 나열 학점 수의 70%를 초과할 수 없다.

③ 제9조제2항의 규정에 의한 학과(부)의 공통교과목 나열학점 수는 해당 학과(부) 나열학점 수의 30% 이내로 한다.

제11조(교과목의 학점구조 표시) ① 교과목의 학점구조는 ‘학점 수-주당 강의시간-주당 실험시간 또는 주당 실습시간’으로 표시한다. 다만, 주당 편성 시수를 산출하기 어려운 교과목은 예외적으로 ‘학점 수-(총 강의시간)-(총 실험시간) 또는 (총 실습시간)’으로 표시할 수 있다.

② 학점이 없는 교과목은 두지 않는다.

제12조(교과목 신설) ① 교과목을 신설하고자 할 경우에는 기존의 교과목과 동일한 명칭을 사용할 수 없다. 다만, 부득이한 경우에는 관련 대학(원)과 조정을 거쳐 학사운영위원회의 승인을 받아야 한다.

② 교과목 명칭은 별표 2의 기준을 따른다.

제13조(교과목 변경) ① 기존 교과목의 명칭, 교과목구조 등 교과목 변경은 변경 전·후 교과목 간의 학문적 동질성이 유지되는 범위에서 허용한다.

② 변경 전·후 교과목의 교과목번호에는 그 연혁을 표시하며, 연혁이 동일한 교과목을 이수할 경우 동일 교과목을 재이수 또는 중복 이수한 것으로 본다.

제14조(교과목 폐지) ① 8개 학기동안 미 개설된 교과목은 자동적으로 폐지된다. 이 경우 폐지 후 2년간은 동일한 교과목을 신설할 수 없다.

② 교과목을 폐지할 경우에는 대체교과목을 지정하여야 한다.

제15조(대체교과목 지정) ① 대체교과목은 교과목이 폐지된 경우에 한하여 지정할 수 있다.

② 교양교과목을 전공교과목으로 또는 전공교과목을 교양교과목으로 대체 지정할 수 없다.

제16조(전공 선택 인정 교과목) 타 학과(부)·전공의 전공 교과목을 해당 학과(부)·전공의 전공 선택 교과목으로 인정할 수 있으며, 그 범위는 교과과정으로 정한다.

제17조(세부 이수기준) 학과(부)장 또는 전공주임은 이 지침의 범위에서 해당 학과(부)·전공의 교과목 이수에 관한 세부 이수기준을 따로 정하여 시행할 수 있다.

부 칙(2005.5.16.)

이 지침은 2005년 5월 16일부터 시행된다.

부 칙(2012.6.20.)

① (시행일) 이 지침은 공포한 날부터 시행한다.

② (경과조치) 제6조 각항의 개정지침은 2013학년도 제1학기부터 적용한다.

부 칙(2014.1.20.)

이 지침은 2014학년도 제1학기부터 시행한다.

부 칙(2018.10.15.)

① (시행일) 이 지침은 공포한 날부터 시행한다.

② (경과조치) 융합과학기술대학원 융합과학부 디지털정보융합전공과 지능형융합시스템전공은 지능정보융합전공으로 2020학년도부터 통합하여 운영하며, 통합 이전에 입학한 재학생은 기존 소속을 유지한다. 다만, 학생이 희망할 경우 따로 정한 절차에 따라 교과과정상 전공인 지능정보융합전공으로 그 소속을 변경할 수 있다.

부 칙(2019.2.28.)

① (시행일) 이 지침은 공포한 날부터 시행한다.

② (경과조치) 치의학교육학전공, 경제동물과학전공, 바이오식품산업전공, 중자생명과학전공, 그린에코시스템공학전공, 국제농업개발협력전공, 스마트도시공학전공, 도시사회혁신전공은 2019학년도 2학기부터 적용한다.

부 칙(2020.8.27.)

(시행일) 이 지침은 2020년 9월 1일부터 시행한다.

부 칙(2020.12.3.)

이 지침은 공포한 날부터 시행한다.

<별표 1>

교과과정 편성 및 운영에 관한 용어 정의

용어	정의
교과과정 편성	학위과정별 이수학점 수, 교과목 이수 학년·학기, 이수표준형태 구성, 전공교과목·전공필수교과목·2군교과목·교직교과목의 지정, 교과목 이수규정, 복수전공을 비롯한 각 전공의 이수 등을 교과과정으로 정하는 것
교과과정 운영	편성된 교과과정을 학생 교육에 적용하고, 계속하여 수정·보완하여 개선해 나가는 것
교과목 편성 및 운영	교과목의 나열, 신설, 변경, 폐지, 개설 등을 하는 것
교과목 나열	해당 대학(원), 학과(부)·전공의 교과목을 개설 가능한 상태로 교과과정에 두는 것
교과목 신설	교과목을 개설하기 위해 처음으로 교과과정에 등재하는 것
교과목 변경	같은 교과목 번호에 연혁을 표시하고, 그 내용의 일관성이 유지되는 범위에서 명칭, 구조 또는 일부 내용 등을 수정·보완하는 것
교과목 폐지	교과과정의 나열 교과목 목록에서 특정 교과목을 삭제하는 것
강좌 개설	해당 학기 또는 학년도에 강의를 제공하는 것
동일교과목	교과목의 내용이 변경 전 또는 폐지된 교과목과 유사함을 이유로 이수에 관하여 서로 같은 것으로 취급하도록 지정한 교과목(같은 교과목 번호를 사용하고 그 연혁을 표시) * 동일교과목 양자를 모두 이수한 학생이 재이수 요건을 갖춘 경우에는 재이수 처리하고, 그렇지 못한 경우에는 뒤에 수강한 교과목의 학점 및 성적을 무효 처리
대체교과목	교과목의 번호와 명칭은 서로 다르지만 그 내용이 서로 유사한 교과목으로서, 폐지된 교과목에 갈음하여 이수할 수 있도록 대체가 지정된 교과목 * 원래의 교과목과 대체교과목을 모두 이수한 학생이 재이수 요건을 갖춘 경우에는 재이수 처리 가능
학칙상 전공	법령의 전공 설치 요건을 충족하여 설치되어, 학칙에 명시적으로 열거되어 있는 전공
교과과정상 전공	학칙상 전공 이외의 전공으로서 학생을 분리하여 모집하거나, 교과과정을 구분하여 적용하는 등의 필요에 따라 교과과정으로 설치한 전공

<별표 2>

교과목 명칭 부여 기준

- 교과목 명칭은 그 내용을 정확하게 나타낼 수 있는 용어를 사용한다.
- 대학(원)별로 일관된 명칭체계를 사용한다.
- 교과목명칭에 ‘, - / 등의 기호는 가급적 사용하지 않는다.
- 숫자는 아라비아 숫자로만 표기한다.
- 그린리더십 지정 교과목은 그 명칭 끝에 ‘G’ 표시를 한다.
- 국제하게강좌 교과목은 그 명칭 끝에 ‘I’ 표시를 한다.
- 각 학문의 특성을 반영할 수 있는 명칭을 사용하되, 아래에 명시된 교과목 명칭 부여 기준을 따른다.

교과목 명칭 부여 기준표		
국문 명칭	영문 명칭	비 고
특강	Topics in ~	•특론(Advanced in ~, Special Topics in ~)을 특강(Topics in ~)으로 통일
실습	Practice	•인문·사회계의 현장실습
	Practicum	•교사, 수련의(修鍊醫) 양성과목
실험	~ Lab.	
개론	Introduction to ~	•입문, 개설을 개론으로 통일 •교수의 안내에 따라 특정 주제에 접근하는 강의
개관	Survey of ~	•해당 영역에 대한 폭넓은 이해를 도모하는 강의
~의 이해	Understanding ~	•전치사(of)를 사용하지 않음
강독	Readings in ~	
원론	Principles of ~	•‘Fundamentals of ~’을 ‘Principles of ~’으로 통일
이론	Theories of ~	
초급	Basic ~	•‘Elementary of ~’과 ‘Beginner’s ~’을 ‘Basic ~’으로 통일
중급	Intermediate ~	
고급	Advanced ~	
연구	Studies in ~	•‘Research in ~’을 ‘Studies in ~’로 통일
대학원 논문연구	Dissertation Research	

<별표 3>

교과과정상 전공

1. 학사과정

단과대학(원)	교과과정상 전공
인문대학 (6개)	(고고미술사학과) 고고학전공, 미술사학전공 (아시아언어문명학부) 일본언어문명전공, 동남아시아언어문명전공, 인도언어문명전공, 서아시아언어문명전공
농업생명과학대학 (15개)	(식물생산과학부) 작물생명과학전공, 원예생명공학전공, 산림인력개발학전공 (산림과학부) 산림환경학전공, 환경재료과학전공 (응용생물화학부) 응용생명화학전공, 응용생물학전공 (식품·동물생명공학부) 식품생명공학전공, 동물생명공학전공 (바이오시스템·소재학부) 바이오시스템공학전공, 바이오소재공학전공 (조경·지역시스템공학부) 조경학전공, 지역시스템공학전공 (농경제사회학부) 농업·자원경제학전공, 지역정보학전공
미술대학 (6개)	(디자인학부) 공예전공, 도예전공, 금속공예전공, 디자인전공, 시각디자인전공, 공업디자인전공
음악대학 (5개)	(국악과) 국악기악전공, 국악성악전공, 국악지휘전공, 국악작곡전공, 국악이론전공
계	32개

※ 교과과정상 전공의 괄호 안은 주관 학과(부) 표시임.

2. 대학원과정

단과대학(원)	교과과정상 전공	비고
인문대학 (2개)	(국어국문학과) 국어학전공, 국문학전공	
사범대학 (2개)	(국어교육과) 국어교육전공, 한국어교육전공	
경영대학 (7개)	(경영학과) 회계학전공, 생산서비스운영전공, 경영정보전공, 마케팅전공, 재무금융전공, 인사조직전공, 전략/국제경영전공	
농업생명과학대학 (14개)	(농경제사회학부) 농업·자원경제학전공, 지역정보학전공 (농림생물자원학부) 작물생명과학전공, 원예생명공학전공, 산림환경학전공, 환경재료과학전공, 바이오소재공학전공 (농생명공학부) 동물생명공학전공, 응용생명화학전공, 식물미생물학전공, 곤충학전공, 식품생명공학전공 (생태조경·지역시스템공학부) 생태조경학전공*, 지역시스템공학전공	*는 석사과정만 운영
자연과학대학 (3개)	(생명과학부) 분자세포생물학전공, 개체생물학전공, 계통생물학및생태학전공	
공과대학 (4개)	(에너지시스템공학부) 에너지자원공학전공, 원자핵공학전공 (건설환경공학부) 건설환경공학전공, 스마트도시공학전공	
간호대학 (3개)	(간호학과) 모아·정신간호학전공, 성인간호학전공, 지역사회간호·간호시스템전공	
약학대학 (1개)	(약학과) 약학전공	

단과대학(원)	교과과정상 전공	비고
음악대학 (4개)	(음악과) 성악전공, 작곡·지휘·음악학전공, 기악전공, 국악전공	
미술대학 (12개)	(미술학과) 동양화전공**, 서양화·판화전공**, 조소전공** (디자인학부) 도예전공*, 금속공예전공*, 시각디자인전공*, 공업디자인전공*, 디자인역사문화전공, 공예전공**, 디자인전공** (서양화과) 서양화전공*, 판화전공*	*는 석사과정만 운영, **는 박사과정만 운영
의과대학 (33개)	(의학과) 해부학전공, 병리학전공, 약리학전공, 미생물학전공, 예방의학전공, 열대의학전공, 인문의학전공, 법의학전공, 의료관리학전공, 의공학전공, 내과학전공, 외과학전공, 산부인과학전공, 소아과학전공, 정신과학전공, 피부과학전공, 정형외과학전공, 흉부외과학전공, 신경외과학전공, 비뇨의학전공, 이비인후과학전공, 안과학전공, 영상의학전공, 마취통증의학전공, 성형외과학전공, 방사선종양학전공, 검사의학전공, 재활의학전공, 핵의학전공, 가정의학전공, 응급의학전공, 의학교육학전공, 중개의학전공	
치의학대학원 (21개)	(치과학과) 구강악안면해부학및영상과학전공, 예방치과학전공, 치과생체재료과학전공, 세포및발생생물학전공, 신경생물학전공, 치의재생생명공학전공, 면역및분자미생물학전공, 의료경영과정보학전공, 종양및발달생물학전공, 분자유전학전공, 구강병리학전공, 치과보철학전공, 치과보존학전공, 구강악안면외과학전공, 소아치과학전공, 치주과학전공, 영상치의학전공, 구강내과진단학전공, 치과교정학전공, 치과마취과학전공, 치의학교육학전공	
수의과대학 (4개)	(수의학과) 수의생명과학전공, 수의병인생물학및예방수의학전공, 임상수의학전공, 산업동물임상의학전공	
보건대학원 (2개)	(보건학과) 보건학전공**, 보건정책관리학전공**	**는 박사과정만 운영
환경대학원+ (6개)	(환경계획학과) 도시및지역계획학전공*, 교통학전공*, 환경관리학전공*, 도시사회혁신전공* (환경조경학과) 환경조경학전공*, 도시환경설계전공*	*는 석사과정만 운영
국제농업기술대학원+ (5개)	(국제농업기술학과) 경제동물과학전공, 바이오식품산업전공, 종자생명과학전공, 그린에코시스템공학전공, 국제농업개발협력전공	
계	121개	

※ *는 전문대학원이며, 교과과정상 전공의 괄호 안은 주관 학과(부) 표시임.