Registration Guide
for International Students

(2022 Spring Semester)

EWHA WOMANS UNIVERSITY

Table of Contents

1. Guide to Registering for Classes .....- 3 -
2. Guide to Registration for Chapel.....- 12 -
3. Abbreviations of Ewha Buildings and Classrooms .....- 14 -
4. Guide to Required Courses.....- 15 -
5. Guide to Other Courses .....- 56 -
6. Guide to Intensive Major, Minor, Double-Major, and Interdisciplinary Major.....- 63 -
7. Guide to Certification Program .....- 73 -
8. Other Important Details.....- 88 -
9. Courses available in the Winter Session, 2021....- 89 -
10. Guide to Completing Courses by College .....- 90 -

1. Guide to Registering for Classes

A. General Requirements

1) Class registration should be planned carefully and completed within the specified period.

2) Guidelines for registration
After preparing a list of courses you have completed and courses you would like to take for the Spring semester of 2022, including the credits for these courses, you must get guidance from your academic advisor.

3) Number of credits students may register for each semester

※ To qualify as a registered student, a student must register for at least one subject per semester. This includes students awaiting graduation. To graduate, students must be registered for at least 8 semesters in which credits necessary for a regular registered semester (minimum of 8 semesters) or for graduation remains.

Type of student	Possible credits per semester	Registration for extra credits
Full-time students (excluding transfer students)	1-18 credits	① If the department requires the completion of more than 18 credits, students may register for the extra credits they need. ② Up to 19 extra credits (including the First-Year Seminar) are allowed in both the 1st and 2nd semesters of the freshmen year. ③ Students with at least a 3.75 GPA for the previous semester (excluding summer or winter sessions and overseas exchange semesters) may register for up to 21 credits. ④ Students exempted from College English or Advanced English may register for up to 21 credits in the semesters in which these courses take place. ⑤ ROTC cadet students registering Military Science courses may register up to 21 credits.
General Transfer Students	1-18 credits	Same as full-time students, according to their department's curriculum for their student year.
Second Bachelor's degree students	1-21 credits	Registration for up to 21 credits
Integrated Undergraduate and Graduate program (including prospective students)	1-21 credits	Registration for up to 21 credits
Dept. of Pharmacy of College of Pharmacy	1-21 credits	Registration for up to 21 credits ※ 24 credits(for general transfer students) when taking Christianity and the World(10023) and other Humanities related liberal arts courses

Type of student	Possible credits per semester	Registration for extra credits
Dept. of Pre-Medicine of College of Medicine	1-24 credits	Registration for up to 24 credits

4) Guide to Carrying Over Credits

A) After the 2022 Spring semester period for registration and changing courses is over, if the number of credits a student is registered for is under the credit limit (the domestic university registration standard of 18 credits), the missing number of credit can be registered for in the 2022 Fall semester.

B) To qualify for registration for extra credits, students must be under the maximum number of years of attendance.

※ Not applicable to students who registered for more than 18 credits in the previous semester and part-time students (students who are registered for 1 to 9 credits).

C) Possible number of carried-over credits

(1) Only credits remaining from the previous semester can be carried over. Students may additionally register for a maximum of 2 credits in the next semester if there are remaining credits to fill. If remaining credits from the previous semester are not used in the following semester, they will automatically be annulled.

(2) However, 21 maximum credits (24 credits for Department of Pre-Medicine students) are allowed for a semester.

D) For queries, contact the Registrar's Office (Tel: 02) 3277-2033).

5) To graduate, courses must be taken according to the curriculum of the year a student entered Ewha (see Ewha Homepage(Korean) > 학사안내 > 교과과정안내). All requirements and mandatory courses for the major must be met and completed.

6) Students who have fulfilled credit requirement for graduation cannot enroll in courses inclusive of chapel.

B. Registration for Courses

1) Internet Course Registration

A) Registration is possible through the internet course registration system. (http://sugang.ewha.ac.kr)

B) Course registration login: Students can login and use the wish list 30 minutes prior to the registration period.

2) Course registration schedule

<table>
<tr><th colspan="2">Type of Registration</th><th colspan="4">Period</th></tr>
<tr><td colspan="2">Guidance period for course registration</td><td colspan="4">Mon., Jan. 24, 2022 – Fri., Jan. 28, 2022</td></tr>
<tr><td colspan="2">Period for using My Wish list</td><td colspan="4">(sophomores-seniors) 09:00 Fri., Feb. 4, 2022 – 23:59 Sun., Feb. 6, 2022
(freshman) 09:00 – 23:59 Mon., Feb. 21, 2022
(all) 09:00 – 23:59 Tues., Mar. 1, 2022</td></tr>
<tr><td rowspan="8">Registration Period
(Able to use My Wish List)</td><td>Chapel /Credit exchange</td><td colspan="2">All years</td><td colspan="2">09:00–23:59 Mon., Feb. 7</td></tr>
<tr><td>Priority Registration Majors</td><td colspan="2">- Political Science & International Relations, Economics, Psychology, Communication & Media, Statistics, Computer Science & Engineering
(Major/Double major (sophomores-seniors))
- Business Administration
(Major/Double major (freshmen-seniors))</td><td colspan="2">13:00–16:00 Mon., Feb. 7</td></tr>
<tr><td rowspan="6">Courses / Chapel / Credit exchange</td><td>Completed over 5 semesters (seniors)</td><td>•College of Pharmacy: Completed over 9 semesters (6th year)
•Department of Medicine: 4th year</td><td>09:00–12:00 Tues., Feb. 8</td><td rowspan="5">Waitlist System</td></tr>
<tr><td>Completed 3-4 semesters (juniors)</td><td>•College of Pharmacy: Completed 7-8 semesters (5thyear)
•Department of Medicine: 3rd year</td><td>13:00–16:00 Tues., Feb. 8</td></tr>
<tr><td>Completed over 3 semesters (juniors and seniors)</td><td>•College of Pharmacy: Completed over 7 semesters (5th/6th year)
•Department of Medicine: 3rd/4th year</td><td>17:00–23:59 Tues., Feb. 8</td></tr>
<tr><td>Completed 1-2 semesters (sophomores)</td><td>•College of Pharmacy: Completed 5-6 semesters (4th year)
•Department of Medicine: 1st/2ndyear</td><td>09:00-12:00 Wed., Feb. 9</td></tr>
<tr><td colspan="2">All years</td><td>13:00 Wed., Feb. 9-
23:59 Thurs., Feb. 10</td></tr>
<tr><td colspan="2">Completed 0 semester (freshmen)</td><td colspan="2">09:00 Tues., Feb. 22 -
17:00 Wed., Feb. 23</td></tr>
<tr><td colspan="2">Registration confirmation and change period
(Able to use My Wish List)</td><td colspan="3">09:00 Wed., Mar. 2, 2022 - 15:00 Tues., Mar. 8, 2022
※ After 13:00 on Wed., Mar. 9, students must check the homepage bulletin board to see whether any of their classes have been cancelled.</td><td>Delayed Cancellation System</td></tr>
<tr><td colspan="2">Registration change period for students who registered for cancelled courses
(Able to use My Wish List)</td><td colspan="4">13:00 Thurs, Mar. 10, 2022 - 12:00 Fri., Mar. 11, 2022
※Registration change is only allowed for cancelled courses.</td></tr>
<tr><td colspan="2">Withdrawal period</td><td colspan="4">09:00 Mon., Mar. 21, 2022 - 17:00 Fri., Mar. 25, 2022</td></tr>
</table>

※ The waitlist system and the cancellation delay system are not applied for when freshmen and priority registration period.

※ There is no separate period for students returning from leave of absence, so they must register for courses within the normal registration period, and confirm and change courses at the same times as regular students.

3) How to use " Wish List"

A) After entering your desired courses, you may use them during the registration period (maximum of 15 allowed).

B) Available options for using the wish list:

(1) View/Register for Courses: You can add courses to your wish list while also being able to view the course name, instructor's name and course syllabus.

(2) Direct Input: You can directly enter the course number/class and add to your wish list.

C) The course will appear on your "Wish List", and press the "Del" button in order to delete the course from the list.

4) Implementation of Priority Registration

A) Eligible Students:

(1) Political Science & International Relations, Economics, Psychology, Communication Media Statistics, Computer Science & Engineering Major(Determined at the time of registration) or Double-Major students(sophomores ~ seniors)

(2) Business Administration Major(Determined at the time of registration) or Double-Major students(freshman ~ seniors)

B) Available Courses: Political Science & International Relations, Economics, Psychology, Communication Media, Statistics, Computer Science & Engineering and Business Administration Major Courses

* Because of the limited number of students who can take the courses, registration is possible only within the quota designated for each grade that the students belong to.

C) Possible number of credits: Among the Major Courses open for Priority Registration, a maximum of 12 credits can be registered.
e.g.) For students majoring in Business Administration with a Double-Major in Psychology, a maximum of 12 credits can be given for the courses by the Department of Psychology and Business Administration.

D) Registration Period and Method: Registration opens for all corresponding students during Priority Registration Period (13:00-16:00 Mon., Feb. 7)

5) Registration for Extra Credit Courses
Students can register for one additional course (1 credit) from the following list of extra credit courses after registering for the maximum number of credits (excluding credits carried over from previous semesters) allowed over the semester in each major. There are no restrictions on registering for extra credit courses within the maximum number of credits.

A) Extra Credit Courses: Social Services Activity for the Students I(10575), Social Service Activity for the Students II(10578), Social Service Activity for the Students III(10579), Strategic Employment Planning(10812), ExternshipI(10801)

B) Credit limit: Students can register for extra credit courses within a maximum total of 21

credits.

C) Registration Period: Students can register for extra credit courses during the registration period of each semester (for each school year).

D) Cancelation, withdrawal and change of courses

(1) Students can cancel, but not withdraw, registration of an extra credit course if they exceed the number of maximum credits.

(2) After cancelling an extra credit course, students cannot change the course to one that is not eligible for extra credit.

(3) Students can cancel or change, but not withdraw from, an extra credit course within a maximum total of 21 credits.

6) How to register for classes

A) Students can register the courses within the designated period for each school year.

B) Available options for course registration:

(1) View/Register with wish list: You can register for courses previously added to your wish list.

(2) View/Register for Courses: You can register for courses after searching for a specific course and viewing information such as the instructor's name, syllabus, etc.

(3) Direct Input: You can register by directly entering the course number and class.

C) You can view your course registration on 수강신청내역조회(View Course Registration) menu, and if you have entered the course number or class number incorrectly, select the course and press the "Del" button in the course registration table to cancel your registration.

D) The Waitlist system will be used during the regular course registration period before the start of each semester (February/August.) You can see your waitlist courses and waitlist rank. If your status changes from waitlisted to registered, the course will be moved from your waitlisted course list to your "My Course List."

E) The Delayed Cancellation system will be used during the course registration confirmation/change period (March/September) after the start of each semester. For classes that have reached maximum enrollment, the delayed cancellation system will be applied when seats become available. Registration for seats that have become available due to cancellations will open for 30 minutes per hour. Students who wish to enroll must check the number of available seats and attempt to register during the designated open time.

F) After registering, you must press the "Logout" button on the upper right side of the window.

※ Students cannot register online for courses that have not been entered into the internet registration system as they will not be recognized.

※ To register for Graduate School courses, refer to 9) "Graduate courses valid for undergraduate registration" below.

7) Changes to registration due to cancellation of courses

After the period for registration confirmation and change, students who have registered for classes canceled due to the lack of numbers must check the homepage for notices related to the cancellation. Affected students should register for new courses that do not conflict with

other registered courses within the determined period in person.

8) Important Notes

A) Online course registration must be done in person. Passwords should not be given to others, as this may lead to errors in course registration. To change your password, go to Ewha homepage (Korean)→ 유레카→ 개인정보변경→ 비밀번호변경. Passwords that have been changed 30 days prior must also be changed through "Change Password".

B) All classes are capped, and registration will be blocked once the class cap has been reached. If the class you want has too many people, you must register for another class or for another course.

C) You cannot register for courses that overlap (including Chapel).

D) In case of Liberal Arts courses that are designated to certain majors, students must register for the class section designated to their major.
Ex.: For "Integrated Thinking and Writing", "College English", "Advanced English" and "The World & Christianity", students must register for the class section specified in the "Remarks Column" of the Comprehensive Course Schedule.

E) Courses that have not been registered through the internet will not be recognized as registered. If a student does not attend a course that she has registered for online, she will be given an F for this course. If a student attends a class other than the one she registered for, even if it has the same course number, she will be given an F for the course she registered for.

F) If a student completes a major foundation course or a major course which was included in the curriculum prior to her entrance, but was later excluded from the curriculum due to reorganization of the curriculum, the course will not be recognized as a major foundation course or a major course. (This includes intensive major courses.)

G) Important notes for registering to repeat courses.

(1) It is possible to repeat courses with the same course number. Even if the course title changes, courses with the same course number are regarded as the same course.

(2) If a student completes a course according to an earlier version of the curriculum whose course number and title are subsequently changed, students may still repeat the course if it is a "compatible repeat course". See "view compatible repeat courses" in the course registration menu.

(3) Students must be careful not to register for "compatible repeat courses", mistaking them for different courses with separate credit recognition, because although their course numbers and titles are different, they will be recognized as the same course and processed as if the student were repeating one course.

(4) Students may only repeat a course if they originally got a grade lower than C+. The highest grade possible in a repeated course is A-.

(5) Even if a student's grade for the repeated course is lower than that of the original grade, the grade for the repeated course will be the one that is counted.

(6) If registering to repeat a course, the year and semester of the original class will be listed in the "repeat" column.

H) Students may not take a course their parents teach. Students should avoid the liberal arts and elective courses as much as possible, and choose another class of the required courses.

9) Graduate courses valid for undergraduate registration

Topic	Details
Qualification for registration: Refer to article 30 of Ewha regulation by laws	**Students must have completed more than 3 years of study**(4 years for Architecture major in Engineering College and 5 years for Pharmacy College**)** and have a GPA higher than 3.30 up until to the previous semester. (Summer and winter sessions, study abroad and exchange programs are excluded.) ※ Requirements for completing school year may be found at Ewha homepage (Korean) → 학사안내→ 학사정보→ 졸업→ 학년수료
Period for registration	Identical to the Ewha course registration, confirmation and change period. Registration must be completed within the specified period (09:00 Wed., March. 2, 2022 - 15:00 Tues., March. 8, 2022).
Courses available for registration	Refer to the graduate course schedule posted on the Comprehensive Class Schedule or Ewha homepage.
How to register	① Fill in "Registration Form for Graduate Courses" at Ewha homepage (Korean)→ 학사안내→ 통합 FAQ&서식자료→ 통합서식자료. ② After confirmation from your academic advisor, head of department and/or college dean, submit the registration form to the Registrar's Office (Pfeiffer Hall 108).
Possible number of credits from graduate courses	① Up to 12 credits from among courses specified as graduate courses by the major (department) during a student's period of attendance. ② Up to 6 credits may be recognized as credits needed for graduating or completing the undergraduate course. If the student goes on to graduate school, the remaining credits of up to 6 credits may be counted towards the credits needed for completing the graduate course. **Courses listed as "not included as credits for graduating an undergraduate course" on the graduate course registration form will be counted as obtained credits and counted towards a student's GPA, but will not count as credits needed for graduation from the undergraduate program or completing a major. Students must make sure they take the correct credits needed to graduate.**

C. Registration for Credit Exchange Courses

1) General Requirements for Credit Exchange Courses

A) Credits obtained from other domestic or foreign universities may not exceed half of the total credits needed to graduate.

B) A student may register for up to 6 credits obtained from other universities each semester. This includes the four universities' credit exchange courses.

C) As the credits from other universities' courses for which a student is registered count toward the total number of credits for a semester, students should be careful not to exceed the number of credits for which they are registered. Refer to 1. Guide to registering for classes→ A) Common requirements→ 3) Possible credits for each semester above.

D) If registered for a course at another university identical to a course completed at Ewha, this course will not count as completed credits.

E) As other universities have different timetable systems, students should be careful that there is no clash with the timetable for their Ewha courses. The Ewha registration system cannot detect overlaps of courses at other universities with Ewha courses.

F) Students in the semester they plan to graduate cannot register for courses at other universities.

G) Other important details and announcements can found at Ewha homepage (Korean version) → 학사안내→ 학사정보→ 학점인정→ 국내대학 학점교류.

2) Guide to registration for courses at other universities

Topic	Sogang University, Yonsei University	Seoul National University	Hankuk University of Foreign Studies
Who can register	Completed 2-6 semesters **(graduands excluded)**	Completed more than one semester, with a GPA higher than 2.7 for the previous semester. (Summer and winter sessions and overseas exchange programs are excluded.) **(graduands excluded)**	Completed 2-6 semesters **(graduands excluded)**
Period for registering	Announced separately on university's homepage		
How to register	Same as registering for Ewha courses	(a) Fill in a " Registration form for SNU credit exchange" (MyEureka (Korean) → 학사→ 수강/채플→ 서울대학교 수강허가). HUFS(Separate form will be provided) (b) Submit the form to the Registrar's Office (Pfeiffer Hall 108). (c) Get a provisional student ID number for the university. (d) Register using SNU's registration system (http://sugang.snu.ac.kr), or the link at the bottom of the HUFS homepage (http://www.hufs.ac.kr) during the university's registration period. (e) Register through Ewha's registration system during Ewha's registration period.	
Confirmation of and withdrawal from registered courses	(a) Period: announced separately by each university. (b) Changing courses is not allowed (only withdrawal is possible). (c) Students must withdraw from courses in person through both Ewha's online registration system and the registration system of the university hosting the course.		
Courses for credit exchange	Refer to schedule posted on Ewha's homepage in late December to January.	Search for courses from SNU's registration system (http://sugang.snu.ac.kr).	Use the hotlink at the bottom of the HUFS homepage (http://www.hufs.ac.kr) to refer to the 2022-Spring course schedule.
Important notes	(a) Students must withdraw from classes in person through the registration systems of both Ewha and the hosting university during the specified period. (b) If particulars entered into the registration systems of Ewha and the hosting university do not match, the registration will be canceled. (c) The total number of credits acquired from courses at Sogang and Yonsei Universities may not exceed one fourth of the credits needed for graduation.		

3) Credits recognized for credit exchange

Topic	Sogang University, Yonsei University	Seoul National University	Hankuk University of Foreign Studies
Credits for Graduation	Included in the total number of credits needed for graduation		
Included in GPA	Included in GPA (from the spring semester of 2010)	Not included in GPA	
Classification of courses	Recognized as general optional courses		

2. Guide to Registration for Chapel

A. General Requirements

1) Students who have completed fewer than 7 semesters are automatically given a fixed day of the week for chapel according to their College and year. (See E. Chapel Times for designated days.) Thus, only students who need to change the day of the week or need to repeat the course must register.

2) Returning students, readmitted students, students transferring in the spring semester of 2022, and students in or past their 8th semester must register for chapel in person.

3) In principle, drill credits are limited to 1 credit per semester. Students may additionally register for Chapel (drill credits) not completed in the previous semester, but may not register for drill credits for the next semester ahead of time.

4) Students can only register for a maximum of 2 make-up days per credit per semester.

5) Students who have not completed chapel credits (a total of 8 credits) before their semester of graduation may not graduate and complete the school year according to article 48 clause 3 of Ewha's Regulations. Students transferring as juniors must complete 4 credits.

※ If there are any changes related to Corona 19, we will inform you through the notice on the Ewha homepage.

B. Period for Registration and How to Register for Chapel

1) **Period for Registration:** Refer to 1. Guide to Registering for Classes → B. Registration for Courses → 2) Course registration schedule above.

2) How to Register for Chapel
Use the internet registration system: http://sugang.ewha.ac.kr → chapel registration.

A) Search for seats: Internet registration system (http://sugang.ewha.ac.kr) → chapel registration.

B) Select your preferred time and day of the week and save to register.

3) Canceling Registration

A) Search for the designated day of week/ seat, or for the day of week/ seat that you have registered for.

B) Select the day of week/ seat you wish to cancel and press the "Delete" button.

※ To change the day of the week, cancel the designated day of week/ seat and then register again.

※ After registering, you must press the "Exit" button of the lower left of the window to end the registration.

C. Chapel Hours

1) Mon. - Fri 10:00-10:30 (1st period)

2) Wed. and Thurs. 11:30-12:00 (2nd period)

Day/ time	College and School Year
Mon. 10:00	Liberal Arts freshmen, Music freshmen, Art and Design freshmen & sophomores, Education freshmen, Business Administration freshmen, Medicine freshmen(Dept. of Pre-Medicine), HOKMA freshmen & sophomores, Scranton sophomores
Tues. 10:00	Natural Sciences seniors, ELTEC(Engineering) seniors, Music sophomores & seniors, Art and Design sophomores & seniors, Science & Industry Convergence freshmen, Nursing freshmen
Wed. 10:00	ELTEC Engineering freshmen, Music juniors, Art and Design juniors, Education seniors, Business Administration seniors, Scranton freshmen, juniors & seniors
Wed. 11: 30	Liberal Arts seniors, Social Sciences seniors, Science & Industry Convergence juniors, Nursing juniors
Thurs. 10:00	Natural Sciences freshmen & sophomores, Education sophomores, Business Administration sophomores, Science & Industry Convergence sophomores & seniors, Nursing sophomores & juniors, Health Sciences juniors
Thurs. 11: 30	Liberal Arts sophomores, Social Sciences freshmen & sophomores, Natural Sciences juniors, (ELTEC) Engineering juniors, Pharmacy freshmen
Fri. 10:00	Liberal Arts juniors, Social Sciences juniors, Education juniors, Business Administration juniors, Medicine sophomores(Dept. of Pre-Medicine), Pharmacy juniors & seniors, AI Convergence freshmen

3. Abbreviations of Ewha Buildings and Classrooms

Abbreviation	Name of Building and Classroom	Abbreviation	Name of Building and Classroom
SINSEGAE	Ewha-Shinsegae Building (Business)	TELE	Ewha-SK Telecom Building
ENG-A	Asan Engineering Building	TELE-B01	Convention Hall
ENG-B	New Engineering Building	ART-A /NHM	Arts & Design Building A/ Natural History Museum
ENG-AUD	Auditorium	ART-B	Arts & Design Building B
EDU-A	Education Building A	ART-C	Arts & Design Building C
EDU-B	Education Building B	SCI-A	Science Building A
S-EDU	Ewha-Samsung Education Culture Building	SCI-B	Science Building B
CHURCH 301	Ewha Womans University Church 3rd floor chapel	SCI-C	Science Building C
I-EDU	International Education Building	D	Science Building Hyundai Motor
MAGOK	Esther Building	PHY-A	Physical Education Building A (Thomas Hall)
LAW	Law Building	PHY-B	Physical Education Building B (Gibson Hall)
MAIN	Pfeiffer Hall (Main Hall)	PHY-C	Physical Education Building C
ECOL	Human Ecology Building (Morris Hall)	PHY-C HⅢ	Physical Education Building C Hall Ⅲ
PHM-A	Pharmaceutical Science Building A (Appenzeller Hall)	ECC	Ewha Campus Complex
RESEARCH	Research Cooperation Building	POSCO	Ewha-POSCO Building (Social Sciences)
MUSIC	Music Building	HAK	Hak-gwan
MUSIC B119	Audiovisual Room	ROTC	ROTC Building
MED-A	Medical Science Building A	HELEN	Helen Hall (Nursing Science)
MED-B	Medical Science Building B	R.H.	Recreation Hall
ALUMNAE	Alumnae Building		

4. Guide to Required Courses

A. Liberal Arts Courses to be completed by students who entered in 2020~2022

1) Liberal art courses are classified as shown below;

Field		Course
Liberal Arts Courses – General Requirements	Ewha Jin-Sun-Mi	Christianity and the World(10023), SHARE Leadership of Coexistence(11349), SHARE Community Gardening(11350), Share and Social Design(11199), Ethics of Human Rights:Justice and Love(11363)
	Thinking and Expression	Integrated Thinking and Writing(11352), Thinking and Writing(10839), Logical Thinking and Writing(11178)
	Global Communication	College English(10098), Advanced English(10099), Writing and Discussion(10840), Second Foreign Language(Elementary Chinese(10563), Intermediate Chinese(10133), French(10564), Advanced French(10565), Freshman German(10566), Intermediate German(10130), Beginning Japanese(10570), Intermediate Japanese(10132), Spanish(10571), Advanced Spanish(10665), Russian(10572))
	Computational and Mathematical Reasoning	
Core Courses	Convergence General	Convergence General Course has 5 parts ① Convergence General(Literature and Language) ② Convergence General(History and Philosophy) ③ Convergence General(The Human and Society) ④ Convergence General(Science and Technology) ⑤ Convergence General(Art and Expression)
	Cube	Required Courses ONLY for ELTEC College of Engineering Students(Division of Human Mechanical and Biomedical Engineering, Cyber Security in Division of Software Science and Engineering, Climate and Energy Systems Engineering in Division of Sustainable Systems Engineering)
Electives		Electives Course has 2 parts ① Electives(Free Electives) ② Electives(Future Planning)

2) Liberal Arts Courses – General Requirements

A) Liberal Arts Courses–General Requirements: Ewha Jin-Sun-Mi, Thinking and Expression, Global Communication, Computational and Mathematical Reasoning

College	Ewha Jin-Sun-Mi	Thinking and Expression	Global Communication	Computational and Mathematical Reasoning
Liberal Arts (15 credits)	Christianity and the World(3)	Integrated Thinking and Writing(3)	Advanced English(3) Second Foreign Language(3)	Complete one from Computational and Mathematical

<table>
<tr><th>College</th><th>Ewha Jin-Sun-Mi</th><th>Thinking and Expression</th><th>Global Communication</th><th>Computational and Mathematical Reasoning</th></tr>
<tr><td>Social Sciences, Natural Sciences, Music, Art and Design , Business Administration, Science & Industry Convergence
(12 credits)</td><td rowspan="8"></td><td rowspan="3"></td><td>College English(3)</td><td rowspan="8">Reasoning courses(3)</td></tr>
<tr><td>Education
(15 credits)</td><td>College English(3)
Choose one from below;
Advanced English(3), Second Foreign Language(3)</td></tr>
<tr><td>ELTEC College of Engineering, Scranton (Division of Brain & Cognitive Sciences, Division of International Studies), Division of AI Convergence
(15 credits)</td><td>College English(3)
Advanced English(3)</td></tr>
<tr><td>Scranton (Scranton Honors Program)
(15 credits)</td><td>Thinking and Writing(3)</td><td>College English(3)
Writing and Discussion(3)</td></tr>
<tr><td>Nursing
(15 credits)</td><td>Christianity and the World(3),
SHARE Leadership of Coexistence(3),</td><td>Integrated Thinking and Writing(3)</td><td>College English(3)</td></tr>
<tr><td>Medicine
(15 credits)</td><td rowspan="2">Christianity and the World(3),
Choose one from below;
SHARE Leadership of Coexistence(3), SHARE Community Gardening(3), Share and Social Design(3), Ethics of Human Rights:Justice and Love(3)</td><td>Logical Thinking and Writing(3)</td><td>Choose one from below;
College English(3), Advanced English(3)</td></tr>
<tr><td>Pharmacy (Division of Pharmacy)
(15 credits)</td><td>Integrated Thinking and Writing(3)</td><td>College English(3)</td></tr>
<tr><td>Pharmacy (Department of Pharmacy)
(3 credits)</td><td>Christianity and the World(3)</td><td>-</td><td>-</td><td>-</td></tr>
</table>

B) Courses classed as Second Foreign Language courses for College of Liberal Arts and

College of Education
Elementary Chinese, Intermediate Chinese, French, Advanced French, Freshman German, Intermediate German, Beginning Japanese, Intermediate Japanese, Spanish, Advanced Spanish, Russian (3 hrs/3 credits).

※ Chinese I, Chinese II, French I, French II, German I, German II, Japanese I, Japanese II, Spanish I, Spanish II, Russian I, Russian II are not for the students who entered after 2020

C) Designated semesters for registering Ewha Jin-Sun-Mi, Thinking and Expression, Global Communication Courses– General Requirements by College

※ Computational and Mathematical Reasoning course is not designated for the semester

College	Freshmen	
	Spring	Fall
Liberal Arts	Christianity and the World Second Foreign Language	Integrated Thinking and Writing Advanced English Second Foreign Language
Social Sciences	College English	Christianity and the World Integrated Thinking and Writing
Natural Sciences	Integrated Thinking and Writing College English	Christianity and the World
ELTEC College of Engineering	Integrated Thinking and Writing College English	Christianity and the World Advanced English
Music	Integrated Thinking and Writing	Christianity and the World College English
Art and Design	Integrated Thinking and Writing	Christianity and the World College English
Education	Christianity and the World College English	Integrated Thinking and Writing Advanced English(selectors) Second Foreign Language(selectors)
Business Administration	College English	Christianity and the World Integrated Thinking and Writing
Science & Industry Convergence	Integrated Thinking and Writing	Christianity and the World College English
Medicine	Choose one from SHARE Leadership of Coexistence and 3 others(SHARE Community Gardening, Share and Social Design, Ethics of Human Rights:Justice and Love) Logical Thinking and Writing College English(selectors)	Christianity and the World Advanced English(selectors)
Nursing	Christianity and the World Integrated Thinking and Writing	SHARE Leadership of Coexistence College English

College		Freshmen	
		Spring	Fall
Pharmacy	Division of Pharmacy	Christianity and the World College English	Integrated Thinking and Writing Choose one from SHARE Leadership of Coexistence and 3 others(SHARE Community Gardening, Share and Social Design, Ethics of Human Rights:Justice and Love)
	Department of Pharmacy	Christianity and the World(3-1)	
Scranton	Scranton Honors Program	Christianity and the World College English Thinking and Writing	Thinking and Writing Writing and Discussion
	Division of Brain & Cognitive Sciences, Division of International Studies	Christianity and the World College English	Integrated Thinking and Writing Advanced English
Division of AI Convergence		Integrated Thinking and Writing College English	Christianity and the World Advanced English

D) Guide to taking General Requirement English Courses

(1) College English, Advanced English must be registered during the designated semester and section.

※ If you do not complete the mentioned courses during the designated semester and section, you can only register during the summer or winter semester after you have completed 4 semesters.

(2) Below is the guide for eligible students and registration.

Name of Course (Course No.)	Guide for Eligible Student and Registration	
College English (10098)	Eligible Students	① Students must register in their freshmen year, and in their designated semester and section. ② Class Exemption*: For students whose iBT TOEFL score is higher than 105 ~ under 115 or IELTS score is in between 7.5 and 8 or who have equivalent results on the English Exemption Test.
	Registration	① Those taking College English must register in their freshmen year, and in their designated semester and section. ② Those exempted from College English may register for a maximum of 21 credits only in the designated semester. ③ Repeat registration: Students whose previous grade is C+ or lower may register during the summer or winter session only. ④ No withdrawals allowed: Withdrawal is not permitted for General Requirement English Course for freshmen.
Advanced English	Eligible Students	① You must register in your designated semester during the freshman year. (Allowed sections only)

Name of Course (Course No.)	Guide for Eligible Student and Registration	
(10099)		② Class Exemption*: Those whose iBT TOEFL score is higher than 115 or IELTS score is higher than 8.5 or who have equivalent results on the English Exemption Test.
	Registration	① Those exempted from Advanced English may register for a maximum of 21 credits only during the designated semester. ② Repeat registration: Students whose previous grade was C+ or lower may register during the summer or winter session only. ③ No withdrawals: Exemption class students may not withdraw.
Other General English Courses	Registration	A. Essential English(10901): You can take Essential English as preparation for the required English class(es). B. English Ⅲ,Ⅳ: Courses: Academic English (10567), Current Issues (10596), Business and Technical English (10597), Speech and Presentation (10641), Cinema Arts and English (10643), Critical Reading and Thinking (10644), World Women through English (10709), Research Writing (10811), Rhetoric and Composition (11051), Special Topics in English (11052), Middle Eastern Political Theology (11162, Convergence General Course), Contemporary Photography (11164, Convergence General Course), Topics in Multiethnic American Literature (11165, Convergence General Course), Literary Themes in Films (11310), Reading American Popular Culture in the Digital Age(11330, Convergence General Course) ※ Since 2020, prerequisite courses (College English and Advanced English) are no longer exist.

* Exemption from College English and Advanced English is limited to those who have submitted their scores to the HOKMA College of General Education, Global Language Education Office within the specified period before entrance.

(3) For students who entered after 2012, the maximum of 6 credits can be granted in consideration of course exemption for College English, Advanced English, and English certification.

(4) For other details, refer to the Global Language Education Office homepage (http://gleo.ewha.ac.kr). For questions contact: The HOKMA College of General Education, Global Language Education Office (Tel: 02) 3277-2165, 2158)

3) Core Courses

A) Core has two parts; Convergence General, Cube

B) General Requirement for Convergence General Courses by College

College	Requirement	Notes
Liberal Arts; Social Sciences; Natural Sciences; ELTEC College of Engineering(Computer Science and Engineering, Electronic and Electrical Engineering, Chemical Engineering and Materials Science, Food Science & Biotechnology, Environmental Science and Engineering, Architectural and Urban Systems Engineering, Architecture); Music; Art and Design; Education; Business Administration;	Complete one course from each of 5 fields, totaling up to 4 courses (12 credits).	<5 Fields> Literature and Language Art and Expression History and Philosophy The Human and Society

College	Requirement	Notes
Science & Industry Convergence; Nursing; Scranton; Division of AI Convergence		Science and Technology
ELTEC College of Engineering(Division of Human Mechanical and Biomedical Engineering, Cyber Security in Division of Software Science and Engineering, Climate and Energy Systems Engineering in Division of Sustainable Systems Engineering	Complete one course from each of 5 fields (3 credits).	
Medicine; Pharmacy (Division of Pharmacy)	Complete one course from each of 5 fields, totaling up to 3 courses (9 credits).	
Pharmacy (Department of Pharmacy)	Does not need to be completed	-

※ It will be recognized as completion of Convergence General courses for undergraduate international students* if they take courses stated below:

- Credits Required: Regardless of fields, student can take courses stated above to fulfill the total Convergence General Course credits assigned by her college as shown in the table above.
- Courses to choose: All Convergence General courses

* Enroller with Special Enrollment Admission type for Foreigners whose parents are both foreigners

◀ Note▶ For details of Convergence General Courses listed by fields for students who entered in 2020~2022, refer to Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「2020~2022학년도 입학생의 융복합교양 영역별 교과목 안내 바로가기」

C) General Requirement of Cube Courses for ELTEC College of Engineering Students

College	Requirement	Notes
ELTEC College of Engineering(Division of Human Mechanical and Biomedical Engineering, Cyber Security in Division of Software Science and Engineering, Climate and Energy Systems Engineering in Division of Sustainable Systems Engineering)	Complete one course from each of 3 fields totaling three courses(9credits)	<3 Fields> Liberal Arts Cube Contents Cube Design Cube

◀ Note▶ For details of Cube Courses listed by fields for students who entered in 2020~2022, refer to Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「2020~2022학년도 입학생의 큐브 영역별 교과목 안내 바로가기」

4) Requirement for Humanities related liberal arts courses

A) Students who entered after 2016 must complete at least 8 credits of humanities related courses.

B) Earned credits are acceptable for transferred students (including students at Department of Pharmacy) who have taken courses equivalent to courses listed below at other university.

C) Humanities related liberal arts courses Liberal art courses – General Requirements

Field	Course(credits)
Ewha Jin-Sun-Mi	Christianity and the World
Thinking and Expression	Integrated Thinking and Writing, Thinking and Writing,

Field	Course(credits)
	Logical Thinking and Writing
Global Communication	Advanced English, Writing and Discussion, Second Foreign Language(Freshman French, Intermediate French, Freshman Chinese, Intermediate Chinese, Freshman German, Intermediate German, Beginning Japanese, Intermediate Japanese, Spanish, Advanced Spanish, Russian) **(excluding College English)**

D) Humanities related liberal arts courses excluding Liberal art courses – General Requirements: Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「인문학 관련 교양 교과목 안내 바로가기」

B. Liberal Arts Courses to be completed by students who entered in 2018~2019

1) Liberal art courses are classified as shown below;

Field		Course
Ewha Jin-Sun-Mi(Humanity)		Christianity and the World, Share Leadership, Understanding for Twenties, Humanity for Sharing, Love and Ethics in Human Relationships, Homo-Empathicus and Community, Utopia of Coexistence & Cooperation
Thinking and Expression		Korean Language and Writing, Reading Classics and Writing, Logical Thinking and Writing, Thinking and Writing, Storytelling and Writing, Dynamism in Reading and Writing, Questions for History and Philosophy, Cyborg and Power of Image
Global Communication		College English, Advanced English, Writing and Discussion, Second Foreign Language(Japanese I,II, Chinese I,II, French I,II, German I,II, Spanish I,II, Russian I,II)
Convergence Creative	**Convergence General**	Convergence General Course has 5 parts ① Convergence General(Literature and Language) ② Convergence General(History and Philosophy) ③ Convergence General(The Human and Society) ④ Convergence General(Science and Technology) ⑤ Convergence General(Art and Expression)
	Convergence Basic	
	Cube	Required Courses ONLY for ELTEC College of Engineering Students(Division of Human Mechanical and Biomedical Engineering, Cyber Security in Division of Software Science and Engineering, Climate and Energy Systems Engineering in Division of Sustainable Systems Engineering)
Future Planning		Future Planning Course has 4 parts ①Career. Leadership ②Global Knowledge ③Arthi.en.s(*) ④Open Design * Arthi.en.s is a new name for the courses which covers all the area of art & humanity, science and sports.

2) Ewha Jin-Sun-Mi, Thinking and Expression, Global Communication Course

College	Ewha Jin-Sun-Mi (Humanity)	Thinking and Expression	Global Communication	Notes
Liberal Arts (20 credits)	Christianity and the World(3) **Choose one from below;** Share Leadership(2), Self-Understanding for Twenties(2), Humanity for Sharing(2), Love and Ethics in Human Relationships(2), Homo-Empathicus and Community(2), Utopia of	Korean Language and Writing(3) **Choose one from below;** Reading Classics and Writing(2), Dynamism in Reading and Writing(2), Questions for History and Philosophy(2), Cyborg and Power of Image(2)	College English(3) Advanced English(3) Second Foreign Language I(2) Second Foreign Language II(2)	
Social Sciences, Education(Education, Early Childhood Education, Elementary		Korean Language and Writing(3), Reading Classics and Writing(2)		

<table>
<tr><th>College</th><th>Ewha Jin-Sun-Mi (Humanity)</th><th>Thinking and Expression</th><th>Global Communication</th><th>Notes</th></tr>
<tr><td>Education, Educational Technology, Special Education, English Education, Social Studies Education, Korean Language Education), Business Administration, Scranton(Division of International Studies)
(20 credits)</td><td rowspan="3">Coexistence & Cooperation(2)</td><td></td><td></td><td></td></tr>
<tr><td>Natural Sciences, ELTEC College of Engineering, Music, Art and Design, Education(Science Education, Mathematics Education), Nursing, Scranton(Division of Convergence & Interdisciplinary Studies)
(16~17 credits)</td><td>Korean Language and Writing(3),
Reading Classics and Writing(2)</td><td>College English(3)
Choose one from below;
Advanced English(3), Second Foreign Language(I and II, total of 4)</td><td></td></tr>
<tr><td rowspan="5">Christianity and the World(3)
Choose one from below;
Share Leadership(2), Self-Understanding for Twenties(2), Love and Ethics in Human Relationships(2), Homo-Empathicus and Community(2), Utopia of Coexistence & Cooperation(2)</td><td>Science & Industry Convergence
(16~17 credits)</td><td>Korean Language and Writing(3)
Storytelling and Writing(2)</td><td>College English(3)
Choose one from below;
Advanced English(3), Global Business Communication(3), Second Foreign Language(I and II, total of 4)</td><td></td></tr>
<tr><td>Medicine
(14 credits)</td><td>Logical Thinking and Writing(3)</td><td>College English(3)
Writing and Discussion(3)</td><td></td></tr>
<tr><td>Scranton (Scranton Honors Program Humanities; Social Studies)
(18 credits)</td><td>Thinking and Writing(3)</td><td>College English(3)
Writing and Discussion(3)
Second Foreign Language I(2)
Second Foreign Language II(2)</td><td rowspan="2">※ Thinking and Writing substitutes for Korean Language and Writing; Writing and Discussion substitutes for Advanced English or Global Business Communication.
※ Students in the Scranton Honors Program are exempted from taking Reading Classics and Writing or Storytelling and Writing.</td></tr>
<tr><td>Scranton (Scranton Honors Program Natural Sciences)
(14 credits)</td><td>Thinking and Writing(3)</td><td>College English(3)
Writing and Discussion(3)</td></tr>
<tr><td>Pharmacy
(3 credits)</td><td>Christianity and the World(3)</td><td>-</td><td>-</td><td></td></tr>
</table>

A) Courses classed as Second Foreign Language courses

(1) Chinese I, Chinese II, French I, French II, German I, German II, Japanese I, Japanese II, Spanish I, Spanish II, Russian I, Russian II (3 hrs/2 credits).

※ Second Foreign Language I is scheduled for the spring semester; Second Foreign Language II is scheduled for the fall semester. The Second Foreign Language requirement is only considered completed when both I and II levels of the same language have been completed. (Ex., after taking spring semester Chinese I, you must take Chinese II in the fall semester to complete the Second Foreign Language requirement.)

※ Elementary Chinese, Intermediate Chinese, French, Advanced French, Freshman German, Intermediate German, Beginning Japanese, Intermediate Japanese, Spanish, Advanced Spanish, Russian are not for the students who entered from 2013 to 2019.

(2) Undergraduate international students* are exempt from all second foreign language requirements.

* Enrollers with Special Enrollment Admissions type for Foreigners, both of the student's parents are foreigners

- For all undergraduate majors, international students are exempted from any second foreign language requirement. For majors that require students to take either Second Foreign language or Advanced English, international Students are exempt from taking either. For College of Science & Industry Convergence that require students to take either Second Foreign language, Advanced English or Global Business Communication, international Students are exempt from taking either.

B) Reading Classics and Writing:

(1) The prerequisite course is 'Korean Language and Writing'

(2) Undergraduate International Students* can substitute "Reading Classics and Writing", if the student has completed one of the following courses:

- Korean Language and Korean Culture: Introduction (10989)

- Korean Language and Korean Culture: Exploration (11197)

- Korean Language and Korean Culture: Concentration (11198)

- Academic Korean I (10984)

- Academic Korean II (10985)

* Enrollers with Admission for International Students, both of the student's parents are foreigners. (Korean Language and Korean Culture: Exploration (11197) and Korean Language and Korean Culture: Concentration (11198) can be substituted from the spring semester of 2019.)

(3) Liberal Arts College students can substitute "Reading Classics and Writing", if the student has completed one of the following courses:

- Dynamism in Reading and Writing

- Questions for History and Philosophy

- Cyborg and Power of Image

※ The prerequisite course is 'Korean Language and Writing'.

※ These courses are required course options ONLY for Liberal Art College students.

C) 'Storytelling and Writing' for College of Science & Industry Convergence

(1) The prerequisite course is 'Korean Language and Writing'

(2) Undergraduate International Students* can substitute "Storytelling and Writing", if the student has completed one of the following courses:

- Korean Language and Korean Culture: Introduction (10989)

- Korean Language and Korean Culture: Exploration (11197)

- Korean Language and Korean Culture: Concentration (11198)

- Academic Korean I (10984)

- Academic Korean II (10985)

* Enrollers with Admission for International Students, both of the student's parents are foreigners. (Korean Language and Korean Culture: Exploration (11197) and Korean Language and Korean Culture: Concentration (11198) can be substituted from the spring semester of 2019.)

D) 'Global Business Communication' for College of Science & Industry Convergence: The prerequisite course is 'College English'

E) Designated semesters for registering Ewha Jin-Sun-Mi(Humanity), Thinking and Expression, Global Communication Courses– General Requirements by College

College	Freshmen		Sophomores		Junior
	Spring	Fall	Spring	Fall	Spring
Liberal Arts	Christianity and the World, College English, Second Foreign Language I	Korean Language and Writing, Advanced English, Second Foreign Language II	Choose one from Reading Classics and Writing and 3 others (Chinese, English, French, German) Choose one from Share Leadership and 5 others (Korean, History, Philosophy, Christian Studies)	Choose one from Reading Classics and Writing and 3 others (Korean, History, Philosophy, Christian Studies) Choose one from Share Leadership and 5 others (Chinese, English, French, German)	
Social Science	College English, Christianity and the World, Second Foreign Language I	Korean Language and Writing, Advanced English, Choose one from Share Leadership and 5 others, Second Foreign Language II		Reading Classics and Writing	
Natural Science	Korean Language and Writing, College English, Second Foreign Language I (selectors)	Christianity and the World, either Second Foreign Language II (selectors) or Advanced English (selectors)	Reading Classics and Writing, Choose one from Share Leadership and 5 others		
ELTEC College of Engineering	Korean Language and Writing, College English, Choose one from Share	Christianity and the World, Choose one from Share Leadership and 5 others	Reading Classics and Writing(except Electronic and Electrical Engineering),		Reading Classics and Writing (Electronic and

College		Freshmen		Sophomores		Junior
		Spring	Fall	Spring	Fall	Spring
		Leadership and 5 others (Division of Software Science and Engineering, Division of Advanced Technology, Architectural and Urban Systems Engineering in Division of Sustainable Systems Engineering), Second Foreign Language I (selectors)	(Division of Mechanical and Biomedical Engineering, Environmental Science and Engineering & Architecture in Division of Sustainable Systems Engineering), either Second Foreign Language II (selectors) or Advanced English (selectors)	Choose one from Share Leadership and 5 others (Climate and Energy Systems Engineering in Division of Sustainable Systems Engineering)		Electrical Engineering)
Music		Korean Language and Writing, Choose one from Share Leadership and 5 others, Second Foreign Language I (selectors)	College English, Christianity and the World, Second Foreign Language II (selectors)	Reading Classics and Writing, Advanced English (selectors)		
Art and Design		Korean Language and Writing	Christianity and the World, Reading Classics and Writing	Choose one from Share Leadership and 5 others, College English, Second Foreign Language I (selectors)	Either Second Foreign Language II (selectors) or Advanced English (selectors)	
Education	Education, Early Childhood Education, Elementary Education, Educational Technology, English Education, Social Studies Education, Korean Language Education	College English, Christianity and the World	Korean Language and Writing, Advanced English	Reading Classics and Writing, Second Foreign Language I	Choose one from Share Leadership and 5 others (Elementary Education), Second Foreign Language II	Choose one from Share Leadership and 5 others (Education, Early Childhood Education, Educational Technology, English Education, Social Studies Education, Korean Language Education)
	Special Education	College English, Christianity and the	Korean Language and Writing, Advanced English,	Reading Classics and Writing		Choose one from Share Leadership

College		Freshmen		Sophomores		Junior
		Spring	Fall	Spring	Fall	Spring
		World, Second Foreign Language I	Second Foreign Language II			and 5 others
	Science Education, Mathematics Education	College English, Choose one from Share Leadership and 5 others, Second Foreign Language I (selectors)	Christianity and the World, either Second Foreign Language II (selectors) or Advanced English (selectors)	Korean Language and Writing		Reading Classics and Writing
Business Administration		College English, Christianity and the World, Second Foreign Language I	Korean Language and Writing, Advanced English, Second Foreign Language II	Choose one from Share Leadership and 5 others	Reading Classics and Writing	
Science & Industry Convergence		Christianity and the World, Second Foreign Language I (selectors)	College English, Second Foreign Language II (selectors)	Korean Language and Writing, either Global Business Communication (selectors*) or Advanced English (selectors*) *Fashion Industry, International Office Administration, Nutritional Science & Food Management	Storytelling and Writing, Choose one from Share Leadership and 5 others, either Global Business Communication (selectors*) or Advanced English (selectors*) *Content Convergence, Kinesiology & Sports Studies, Health Convergence	
Medicine		Logical Thinking and Writing, College English, Choose one from Share Leadership and 5 others	Christianity and the World, Writing and Discussion			
Nursing		Korean Language and Writing, College English, Second Foreign Language I (selectors)	Christianity and the World, Choose one from Share Leadership and 5 others, either Second Foreign Language II (selectors) or Advanced English (selectors)	Reading Classics and Writing		
Pharmacy						Christianity and the World
Scranton	Scranton Honors Program	Thinking and Writing, College English, Christianity and the World, Choose one from Share Leadership	Thinking and Writing, Choose one from Share Leadership and 5 others, Christianity and the World,			

College		Freshmen		Sophomores		Junior
		Spring	Fall	Spring	Fall	Spring
		and 5 others, Second Foreign Language I (Humanities & Social Studies)	Writing and Discussion, Second Foreign Language II (Humanities & Social Studies)			
	Division of Convergence & Interdisciplinary Studies	College English, Christianity and the World, Second Foreign Language I (selectors)	Korean Language and Writing, Choose one from Share Leadership and 5 others, either Second Foreign Language II (selectors) or Advanced English (selectors)		Reading Classics and Writing	
	Division of International Studies	College English, Christianity and the World, Second Foreign Language I	Korean Language and Writing, Advanced English, Choose one from Share Leadership and 5 others, Second Foreign Language II		Reading Classics and Writing	

* Choose one from Reading Classics and Writing and 3 others: Reading Classics and Writing, Dynamism in Reading and Writing, Questions for History and Philosophy, Cyborg and Power of Image

* Choose one from Share Leadership and 5 others: Share Leadership, Self-Understanding for Twenties, Humanity for Sharing, Love and Ethics in Human Relationships, Homo-Empathicus and Community, Utopia of Coexistence & Cooperation.

F) Guide to taking General Requirement English Courses

(1) Essential English, College English, Advanced English must be registered during the designated semester and section.

※ If you do not complete the mentioned courses during the designated semester and section, you can only register during the summer or winter semester after you have completed 4 semesters. Advanced English is only applicable for Humanities and Social Science field students.

(2) Students entering after 2009 must take the General Requirement English Courses according to their level on the CSAT English or the result of the English Placement Test.

(3) Below is the guide for eligible students and registration.

Name of Course (Course No.)	Guide for Eligible Students and Registration	
Essential English (10901)	Eligible Students	① Those whose scores on the English Placement Test correspond to Essential English level. ② Those who do not have the CSAT English grades and have not taken the English Placement Test. ③ For students who entered in 2018: Those whose CSAT English grade is lower than level 2 and have not taken the English Placement Test. ④ For students who entered in 2019: Those whose CSAT English grade is level 4 or lower and have not taken the English Placement Test.

Name of Course (Course No.)	Guide for Eligible Students and Registration	
	Registration	① For those who are taking Essential English, it is possible to register for up to 21 credits for the spring semester of freshmen year. ② Repeat registration: For students whose previous grade is C+ or lower. Registration allowed for only the summer session.
College English (10098)	Eligible Students	① Those whose scores on the English Placement Test correspond to College English level. ② For students who entered in 2018: Those whose CSAT English grades are level 2 or higher. ③ For students who entered in 2019: Those whose CSAT English grades are level 3 or higher. ④ Exemption class: For students whose iBT TOEFL score is higher than 105* or who have equivalent results on the English Exemption Test
	Registration	① Those taking College English must register in their freshmen year, and in their designated semester and section (Art and Design students must register in their sophomore year, and in the spring semester.) ② Those exempted from College English may register for a maximum of 21 credits only in the designated semester. ③ Repeat registration: Students whose previous grade is C+ or lower may register during the summer or winter session only. ④ No withdrawals allowed: Withdrawal is not permitted for General Requirement English Course for freshmen.
Advanced English (10099)	Eligible Students	① Those who have completed College English (including those who have been exempted from College English) ② Exemption class: Those whose iBT TOEFL score is higher than 115* or who have equivalent results on the English Exemption Test.
	Registration	① Those exempted from Advanced English may register for a maximum of 21 credits only during the designated semester. ② Repeat registration: Students whose previous grade was C+ or lower may register during the summer or winter session only. ③ No withdrawals: Exemption class students may not withdraw.
Other General English Courses	Registration	Courses: Academic English (10567), Current Issues (10596), Business and Technical English (10597), Speech and Presentation (10641), Cinema Arts and English (10643), Critical Reading and Thinking (10644), World Women through English (10709), Research Writing (10811), Rhetoric and Composition (11051), Special Topics in English (11052), Social and Cultural Impact of Video Games (11161, Convergence General Course), Middle Eastern Political Theology (11162, Convergence General Course), Literacy in the 21st Century (11163, Convergence General Course), Contemporary Photography (11164, Convergence General Course), Topics in Multiethnic American Literature (11165, Convergence General Course), Literary Themes in Films (11310), Reading American Popular Culture in the Digital Age(11330, Convergence General Course) ※ Since 2020, prerequisite courses(College English and Advanced English) are no longer exist.

* Exemption from College English and Advanced English is limited to those who have submitted their scores to the HOKMA College of General Education, Global Language Education Office within the specified period before

entrance.

(4) For students who entered after 2012, only a total of 6 exemption credits from the combined credits for College English, Advanced English, and English certification will be awarded.

(5) For other details, refer to the Global Language Education Office homepage (http://gleo.ewha.ac.kr).
For questions contact: The HOKMA College of General Education, Global Language Education Office (Tel: 02) 3277-2165, 2158)

3) Convergence Creative Courses

A) Convergence Creative has three parts; Convergence General, Convergence Basic, Cube

B) General Requirement for Convergence General Courses by College

<table>
<tr><th>College</th><th>Requirement</th><th>Notes</th></tr>
<tr><td>Liberal Arts; Social Sciences; Natural Sciences; Music; Education (excluding Special Education and Science Education); Business Administration; Nursing; Scranton (Division of Convergence & Interdisciplinary Studies, Division of International Studies)</td><td>Complete one course from each of 5 fields, totaling up to 4 courses (12 credits).</td><td rowspan="4"><5 Fields>

Literature and Language
Expression and Art
History and Philosophy
The Human and Society
Science and Technology</td></tr>
<tr><td>Art and Design; Education(Special Education; Science Education); Science & Industry Convergence</td><td rowspan="2">Complete one course from each of 5 fields, totaling up to 3 courses (9 credits).</td></tr>
<tr><td>ELTEC College of Engineering(Computer Science and Engineering, Electronic and Electrical Engineering, Chemical Engineering and Materials Science, Food Science and Engineering, Environmental Science and Engineering, Architectural and Urban Systems Engineering, Architecture)</td></tr>
<tr><td>Medicine</td><td>Complete one course from each of 5 fields, totaling up to 3 courses (9 credits). General Biology(11159) must be included</td></tr>
<tr><td>Pharmacy</td><td>Does not need to be completed</td><td></td></tr>
</table>

※ It will be recognized as completion of Convergence Creative courses for undergraduate international students* if they take courses stated below:

- Credits Required: Regardless of fields, student can take courses stated above to fulfill the total Convergence General Course credits assigned by her college as shown in the table above.
- Courses to choose:
  - All Convergence General courses (either courses conducted in English or Korean)
  - Future Planning courses offered by Korean Studies Department(Graduate School of International Studies) that are conducted in English (excluding Online course)

* Enroller with Special Enrollment Admission type for Foreigners whose parents are both foreigners

◀ Note▶ For details of Convergence General Courses listed by fields for students who entered in 2018~2019, refer to Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「2018학년도~2019학년도 입학생의 융복합교양 영역별 교과목 안내 바로가기」

C) General Requirement for Convergence Basic Courses by College

College	Requirement
All Colleges (excluding College of Science and Industry Convergence and College of Pharmacy(6-year program))	Complete one course(3credits)
Science and Industry Convergence	Complete total up to 2 courses(6 credits) - <Global Career Development and Entrepreneurship(11212)(3credits)> - Choose either <Computational Thinking and Introduction to Programming(11211)(3credits)> or <Problem Solving and Software Programming(11309)(3credits)>
Pharmacy	Does not need to complete

◀ Note▶ For details of Convergence Basic Courses listed by fields for students who entered in 2018~2019, refer to Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「2018학년도~2019학년도 입학생의 융합기초 영역별 교과목 안내 바로가기」

D) Change: General Requirement of Cube Courses for ELTEC College of Engineering Students

College	Requirement	Notes
ELTEC College of Engineering(Division of Human Mechanical and Biomedical Engineering, Cyber Security in Division of Software Science and Engineering, Climate and Energy Systems Engineering in Division of Sustainable Systems Engineering)	Complete one course from each of 3 fields totaling three courses (9credits)	<3 Fields> Liberal Arts Cube Contents Cube Design Cube

◀ Note▶ For details of Cube Courses listed by fields for students who entered in 2018~2019, refer to Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「2018학년도~2019학년도 입학생의 큐브 영역별 교과목 안내 바로가기」

4) Requirement for Humanities related liberal arts courses

A) Students who entered after 2016 must complete at least 8 credits of humanities related courses listed below.

B) Earned credits are acceptable for transferred students (including students at College of Pharmacy) who have taken courses equivalent to courses listed below at other university.

C) Humanities related liberal arts courses

Field	Course(credits)
Ewha Jin-Sun-Mi (Humanity)	Christianity and the World(3), Self-Understanding for Twenties(2), Humanity for Sharing(2), Love and Ethics in Human Relationships(2), Homo-Empathicus and Community(2), Utopia of Coexistence & Cooperation(2) (excluding Share Leadership)

Field	Course(credits)
Thinking and Expression	Korean Language and Writing(3), Reading Classics and Writing(2), Logical Thinking and Writing(3), Thinking and Writing(3), Storytelling and Writing(2), Dynamism in Reading and Writing(2), Questions for History and Philosophy(2), Cyborg and Power of Image(2)
Global Communication	Advanced English(3), Writing and Discussion(3), Global Business Communication(3), Japanese I(2),II(2), Chinese I(2),II(2), French I(2),II(2), German I(2),II(2), Spanish I(2),II(2), Russian I(2),II(2) (excluding College English)
Future Planning	Korean Language and Korean Culture: Introduction(6)(10989), Korean Language and Korean Culture: Exploration (11197), Korean Language and Korean Culture: Concentration (11198), Academic Korean I(6)(10984), Academic Korean II(6)(10985)

◀ Note▶ For details of Humanities related liberal arts courses,
refer to Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「인문학관련 교양 교과목 안내 바로가기」

D) Humanities related liberal arts courses excluding Liberal art courses – General Requirements: Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「인문학 관련 교양 교과목 안내 바로가기」

C. Liberal Arts Courses to be completed by students who entered in 2016~2017

1) Liberal art courses are classified as shown below;

Field		Course
Ewha Jin-Sun-Mi(Humanity)		Christianity and the World, Share Leadership, Understanding for Twenties, Humanity for Sharing, Love and Ethics in Human Relationships, Homo-Empathicus and Community, Utopia of Coexistence & Cooperation
Thinking and Expression		Korean Language and Writing, Reading Classics and Writing, Logical Thinking and Writing, Thinking and Writing, Storytelling and Writing, Dynamism in Reading and Writing, Questions for History and Philosophy, Cyborg and Power of Image
Global Communication		College English, Advanced English, Writing and Discussion, Second Foreign Language(Japanese I,II, Chinese I,II, French I,II, German I,II, Spanish I,II, Russian I,II)
Convergence Creative	**Convergence General**	Convergence General Course has 5 parts ① Convergence General(Literature and Language) ② Convergence General(History and Philosophy) ③ Convergence General(The Human and Society) ④ Convergence General(Science and Technology) ⑤ Convergence General(Art and Expression)
	Convergence Basic	
	Cube	Required Courses ONLY for ELTEC College of Engineering Students(Division of Human Mechanical and Biomedical Engineering, Cyber Security in Division of Software Science and Engineering, Climate and Energy Systems Engineering in Division of Sustainable Systems Engineering)
Future Planning		Future Planning Course has 4 parts ①Career. Leadership ②Global Knowledge ③Arthi.en.s(*) ④Open Design * Arthi.en.s is a new name for the courses which covers all the area of art & humanity, science and sports.

2) Ewha Jin-Sun-Mi, Thinking and Expression, Global Communication Course

College	Ewha Jin-Sun-Mi (Humanity)	Thinking and Expression	Global Communication	Notes
Liberal Arts (20 credits)	Christianity and the World(3) **Choose one from below;** Share Leadership(2), Self-Understanding for Twenties(2), Humanity for Sharing(2), Love and Ethics in Human Relationships(2), Homo-Empathicus and Community(2), Utopia of	Korean Language and Writing(3) **Choose one from below;** Reading Classics and Writing(2), Dynamism in Reading and Writing(2), Questions for History and Philosophy(2), Cyborg and Power of Image(2)	College English(3) Advanced English(3) Second Foreign Language I(2) Second Foreign Language II(2)	※ For Division of International Studies, Research Writing substitutes for Advanced English
Social Sciences, Education(Education, Early Childhood Education, Elementary		Korean Language and Writing(3), Reading Classics and Writing(2)		

<table>
<tr><th>College</th><th>Ewha Jin-Sun-Mi (Humanity)</th><th>Thinking and Expression</th><th>Global Communication</th><th>Notes</th></tr>
<tr><td>Education, Educational Technology, Special Education, English Education, Social Studies Education, Korean Language Education), Business Administration, Scranton(Division of International Studies)
(20 credits)</td><td rowspan="5">Coexistence & Cooperation(2)</td><td></td><td></td><td></td></tr>
<tr><td>Natural Sciences, Engineering(for students who entered in 2016), ELTEC College of Engineering(for students who entered in 2017), Music, Art and Design, Education(Science Education, Mathematics Education), Nursing, Scranton(Division of Convergence & Interdisciplinary Studies)
(16~17 credits)</td><td>Korean Language and Writing(3),
Reading Classics and Writing(2)</td><td>College English(3)
Choose one from below;
Advanced English(3),
Second Foreign Language(I and II, total of 4)</td><td></td></tr>
<tr><td>Science & Industry Convergence (Content Convergence)
(20 credits)</td><td>Korean Language and Writing(3)
Storytelling and Writing(2)</td><td>College English(3)
Global Business Communication(3)
Second Foreign Language I(2)
Second Foreign Language II(2)</td><td rowspan="3"></td></tr>
<tr><td>Science & Industry Convergence (Fashion Industry, International Office Administration, Kinesiology & Sports Studies, Nutritional Science & Food Management, Health Convergence)
(16 credits)</td><td rowspan="3">Christianity and the World(3)
Choose one from below;
Share Leadership(2), Self-Understanding for Twenties(2), Humanity for Sharing(2), Love and Ethics in Human Relationships(2), Homo-Empathicus and Community(2), Utopia of Coexistence & Cooperation(2)</td><td>Korean Language and Writing(3)
Storytelling and Writing(2)</td><td>College English(3)
Global Business Communication(3)</td></tr>
<tr><td>Medicine
(14 credits)</td><td>Logical Thinking and Writing(3)</td><td>College English(3)
Writing and Discussion(3)</td><td></td></tr>
<tr><td>Scranton (Scranton Honors Program Humanities; Social Studies)
(18 credits)</td><td>Thinking and Writing(3)</td><td>College English(3)
Writing and Discussion(3)
Second Foreign Language I(2)</td><td>※ Thinking and Writing substitutes for Korean Language and Writing; Writing and</td></tr>
</table>

College	Ewha Jin-Sun-Mi (Humanity)	Thinking and Expression	Global Communication	Notes
			Second Foreign Language II(2)	Discussion substitutes for Advanced English or Global Business Communication. ※ Students in the Scranton Honors Program are exempted from taking Reading Classics and Writing or Storytelling and Writing.
Scranton (Scranton Honors Program Natural Sciences) (14 credits)		Thinking and Writing(3)	College English(3) Writing and Discussion(3)	
Pharmacy (3 credits)	Christianity and the World(3)	-	-	

A) **Change**: Ewha Jin-Sun-Mi Courses for students who entered in 2016

Before	After	Notes
Christianity and the World(3)	Christianity and the World(3)	No change for College of Pharmacy
Share Leadership(2)	**Choose one from blow;** Share Leadership(2), Self-Understanding for Twenties(2), Humanity for Sharing(2), Love and Ethics in Human Relationships(2), Homo-Empathicus and Community(2), Utopia of Coexistence & Cooperation(2)	

※ This change is also applied to students who entered in 2017.

B) **Change**: Thinking and Expression Courses for Liberal Art College Students who entered in 2016

Before	After	Notes
Korean Language and Writing(3)	Korean Language and Writing(3)	Change applies only for Liberal Art College students who entered after 2015~2019
Reading Classics and Writing(2)	**Choose one from blow;** Reading Classics and Writing(2), Dynamism in Reading and Writing(2), Questions for History and Philosophy(2), Cyborg and Power of Image(2)	

※ This change is also applied to Liberal Art College students who entered in 2017.

C) Courses classed as Second Foreign Language courses

(1) Chinese I, Chinese II, French I, French II, German I, German II, Japanese I, Japanese II, Spanish I, Spanish II, Russian I, Russian II (3 hrs/2 credits).

※ Second Foreign Language I is scheduled for the spring semester; Second Foreign Language II is scheduled for the fall semester. The Second Foreign Language requirement is only considered completed when both I and II levels of the same language have been completed. (Ex., after taking spring semester Chinese I, you must

take Chinese II in the fall semester to complete the Second Foreign Language requirement.)

※ Elementary Chinese, Intermediate Chinese, French, Advanced French, Freshman German, Intermediate German, Beginning Japanese, Intermediate Japanese, Spanish, Advanced Spanish, Russian are not for the students who entered from 2013 to 2019.

(2) Undergraduate international students* are exempt from all second foreign language requirements.
* Enrollers with Special Enrollment Admissions type for Foreigners, both of the student's parents are foreigners

- For all undergraduate majors, international students are exempted from any second foreign language requirement. For majors that require students to take either Second Foreign language or Advanced English, international Students are exempt from taking either. Requirements for international students in College of Science & Industry Convergence are different by departments. See table below;

Department	Exemption
Content Convergence	Second Foreign Language I, II (total 4 credits)
International Office Administration	No exemption applies
Fashion Industry, Division of Kinesiology & Sports Studies, Nutritional Science & Food Management, Health Convergence	Global Business Communication (3 credits)

D) Reading Classics and Writing:

(1) The prerequisite course is 'Korean Language and Writing'

(2) Undergraduate International Students* can substitute "Reading Classics and Writing", if the student has completed one of the following courses:

- Korean Language and Korean Culture: Introduction (10989)

- Korean Language and Korean Culture: Exploration (11197)

- Korean Language and Korean Culture: Concentration (11198)

- Academic Korean I (10984)

- Academic Korean II (10985)

* Enrollers with Admission for International Students, both of the student's parents are foreigners. (Korean Language and Korean Culture: Exploration (11197) and Korean Language and Korean Culture: Concentration (11198) can be substituted from the spring semester of 2019.)

(3) Liberal Arts College students can substitute "Reading Classics and Writing", if the student has completed one of the following courses:

- Dynamism in Reading and Writing

- Questions for History and Philosophy

- Cyborg and Power of Image

※ The prerequisite course is 'Korean Language and Writing'

※ These courses are required course options ONLY for Liberal Art College students.

E) 'Storytelling and Writing' for College of Science & Industry Convergence

(1) The prerequisite course is 'Korean Language and Writing'

(2) Undergraduate International Students* can substitute "Storytelling and Writing", if the student has completed one of the following courses:

- Korean Language and Korean Culture: Introduction (10989)
- Korean Language and Korean Culture: Exploration (11197)
- Korean Language and Korean Culture: Concentration (11198)
- Academic Korean I (10984)
- Academic Korean II (10985)

* Enrollers with Admission for International Students, both of the student's parents are foreigners. (Korean Language and Korean Culture: Exploration (11197) and Korean Language and Korean Culture: Concentration (11198) can be substituted from the spring semester of 2019.).

F) 'Global Business Communication' for College of Science & Industry Convergence: The prerequisite course is 'College English'

G) Designated semesters for registering Ewha Jin-Sun-Mi(Humanity), Thinking and Expression, Global Communication Courses– General Requirements by College

College	Freshmen		Sophomores		Junior
	Spring	Fall	Spring	Fall	Spring
Liberal Arts	Christianity and the World, College English, Second Foreign Language I	Korean Language and Writing, Advanced English, Second Foreign Language II	Choose one from Reading Classics and Writing and 3 others (Chinese, English, French, German) Choose one from Share Leadership and 5 others (Korean, History, Philosophy, Christian Studies)	Choose one from Reading Classics and Writing and 3 others (Korean, History, Philosophy, Christian Studies) Choose one from Share Leadership and 5 others (Chinese, English, French, German)	
Social Science	College English, Christianity and the World, Second Foreign Language I	Korean Language and Writing, Advanced English, Choose one from Share Leadership and 5 others, Second Foreign Language II		Reading Classics and Writing	
Natural Science	Korean Language and Writing, College English, Second Foreign Language I (selectors)	Christianity and the World, either Second Foreign Language II (selectors) or Advanced English (selectors)	Reading Classics and Writing, Choose one from Share Leadership and 5 others		
ELTEC College of Engineering(for students who entered in 2016)	Korean Language and Writing, College English, Choose one from	Christianity and the World, Choose one from Share Leadership and 5 others	Reading Classics and Writing		

College		Freshmen		Sophomores		Junior
		Spring	Fall	Spring	Fall	Spring
		Share Leadership and 5 others (Computer Science & Engineering, Electronics Engineering), Second Foreign Language I (selectors)	(Architecture, Environmental & Food and Science students, Div. of Chemical Engineering & Materials Science), either Second Foreign Language II (selectors) or Advanced English (selectors)			
ELTEC College of Engineering(for students who entered in 2017)		Korean Language and Writing, College English, Choose one from Share Leadership and 5 others (Division of Software Science and Engineering, Division of Advanced Technology, Architectural and Urban Systems Engineering in Division of Sustainable Systems Engineering), Second Foreign Language I (selectors)	Christianity and the World, Choose one from Share Leadership and 5 others (Division of Mechanical and Biomedical Engineering, Environmental Science and Engineering & Architecture in Division of Sustainable Systems Engineering), either Second Foreign Language II (selectors) or Advanced English (selectors)	Reading Classics and Writing(except Electronic and Electrical Engineering), Choose one from Share Leadership and 5 others (Climate and Energy Systems Engineering in Division of Sustainable Systems Engineering)		Reading Classics and Writing (Electronic and Electrical Engineering)
Music		Korean Language and Writing, Choose one from Share Leadership and 5 others, Second Foreign Language I (selectors)	College English, Christianity and the World, Second Foreign Language II (selectors)	Reading Classics and Writing, Advanced English (selectors)		
Art and Design		Korean Language and Writing	Christianity and the World, Reading Classics and Writing	Choose one from Share Leadership and 5 others, College English, Second Foreign Language I (selectors)	Either Second Foreign Language II (selectors) or Advanced English (selectors)	
Education	Education, Early Childhood Education,	College English, Christianity and the World	Korean Language and Writing, Advanced English	Reading Classics and Writing, Second Foreign Language I	Choose one from Share Leadership and 5 others (Elementary	Choose one from Share Leadership and 5 others

College		Freshmen		Sophomores		Junior
		Spring	Fall	Spring	Fall	Spring
	Elementary Education, Educational Technology, English Education, Social Studies Education, Korean Language Education				Education), Second Foreign Language II	(Education, Early Childhood Education, Educational Technology, English Education, Social Studies Education, Korean Language Education)
	Special Education	College English, Christianity and the World, Second Foreign Language I	Korean Language and Writing, Advanced English, Second Foreign Language II	Reading Classics and Writing		Choose one from Share Leadership and 5 others
	Science Education, Mathematics Education	College English, Choose one from Share Leadership and 5 others, Second Foreign Language I (selectors)	Christianity and the World, either Second Foreign Language II (selectors) or Advanced English (selectors)	Korean Language and Writing		Reading Classics and Writing
Business Administration		College English, Christianity and the World, Second Foreign Language I	Korean Language and Writing, Advanced English, Second Foreign Language II	Choose one from Share Leadership and 5 others	Reading Classics and Writing	
Science & Industry Convergence		Christianity and the World, Second Foreign Language I (Content Convergence)	College English, Second Foreign Language II (Content Convergence)	Korean Language and Writing, Global Business Communication (Fashion Industry, International Office Administration, Nutritional Science & Food Management)	Storytelling and Writing, Choose one from Share Leadership and 5 others, Global Business Communication (Content Convergence, Kinesiology & Sports Studies, Health Convergence)	
Medicine		Logical Thinking and Writing, College English, Choose one from Share Leadership and 5 others	Christianity and the World, Writing and Discussion			
Nursing		Korean Language and Writing, College English, Second Foreign	Christianity and the World, Choose one from Share Leadership and 5	Reading Classics and Writing		

College		Freshmen		Sophomores		Junior
		Spring	Fall	Spring	Fall	Spring
		Language I (selectors)	others, either Second Foreign Language II (selectors) or Advanced English (selectors)			
Pharmacy						Christianity and the World
Scranton	Scranton Honors Program	Thinking and Writing, College English, Christianity and the World, Choose one from Share Leadership and 5 others, Second Foreign Language I (Humanities & Social Studies)	Thinking and Writing, Choose one from Share Leadership and 5 others, Christianity and the World, Writing and Discussion, Second Foreign Language II (Humanities & Social Studies)			
	Division of Convergence & Interdisciplinary Studies	College English, Christianity and the World, Second Foreign Language I (selectors)	Korean Language and Writing, Choose one from Share Leadership and 5 others, either Second Foreign Language II (selectors) or Advanced English (selectors)		Reading Classics and Writing	
	Division of International Studies	College English, Christianity and the World, Second Foreign Language I	Korean Language and Writing, Research Writing, Choose one from Share Leadership and 5 others, Second Foreign Language II		Reading Classics and Writing	

* Choose one from Reading Classics and Writing and 3 others: Reading Classics and Writing, Dynamism in Reading and Writing, Questions for History and Philosophy, Cyborg and Power of Image

* Choose one from Share Leadership and 5 others: Share Leadership, Self-Understanding for Twenties, Humanity for Sharing, Love and Ethics in Human Relationships, Homo-Empathicus and Community, Utopia of Coexistence & Cooperation.

H) Guide to taking General Requirement English Courses

(1) Essential English, College English, Advanced English must be registered during the designated semester and section.

※ If you do not complete the mentioned courses during the designated semester and section, you can only register during the summer or winter semester after you have completed 4 semesters. Advanced English is only applicable for Humanities and Social Science field students.

(2) Students entering after 2009 must take the General Requirement English Courses according to their level on the CSAT English or the result of the English Placement Test.

(3) Below is the guide for eligible students and registration.

Name of Course (Course No.)	Guide for Eligible Students and Registration	
Essential English (10901)	Eligible Students	① Those whose scores on the English Placement Test correspond to Essential English level. ② Those who do not have the CSAT English grades and have not taken the English Placement Test. ③ Those whose CSAT English grade is lower than level 3 and have not taken the English Placement Test.
	Registration	① For those who are taking Essential English, it is possible to register for up to 21 credits for the spring semester of freshmen year. ② Repeat registration: For students whose previous grade is C+ or lower. Registration allowed for only the summer session.
College English (10098)	Eligible Students	① Those whose scores on the English Placement Test correspond to College English level. ② Those whose CSAT English grades are level 3 or higher. ③ Exemption class: For students whose iBT TOEFL score is higher than 105* or who have equivalent results on the English Exemption Test
	Registration	① Those taking College English must register in their freshmen year, and in their designated semester and section (Art and Design students must register in their sophomore year, and in the spring semester.) ② Those exempted from College English may register for a maximum of 21 credits only in the designated semester. ③ Repeat registration: Students whose previous grade is C+ or lower may register during the summer or winter session only. ④ No withdrawals allowed: Withdrawal is not permitted for General Requirement English Course for freshmen.
Advanced English (10099)	Eligible Students	① Those who have completed College English (including those who have been exempted from College English) ② Exemption class: Those whose iBT TOEFL score is higher than 115* or who have equivalent results on the English Exemption Test.
	Registration	① Those exempted from Advanced English may register for a maximum of 21 credits only during the designated semester. ② Repeat registration: Students whose previous grade was C+ or lower may register during the summer or winter session only. ③ No withdrawals: Exemption class students may not withdraw.
Other General English Courses	Registration	Courses: Academic English (10567), Current Issues (10596), Business and Technical English (10597), Speech and Presentation (10641), Cinema Arts and English (10643), Critical Reading and Thinking (10644), World Women through English (10709), Research Writing (10811), Rhetoric and Composition (11051), Special Topics in English (11052), Social and Cultural Impact of Video Games (11161, Convergence General Course), Middle Eastern Political Theology (11162, Convergence General Course), Literacy in the 21st Century (11163, Convergence General Course), Contemporary Photography (11164, Convergence General Course), Topics in Multiethnic American Literature (11165, Convergence General Course), Literary

Name of Course (Course No.)	Guide for Eligible Students and Registration	
		Themes in Films (11310), Reading American Popular Culture in the Digital Age(11330, Convergence General Course) ※ Since 2020, prerequisite courses(College English and Advanced English) are no longer exist.

* Exemption from College English and Advanced English is limited to those who have submitted their scores to the HOKMA College of General Education, Global Language Education Office within the specified period before entrance.

(4) For students who entered after 2012, only a total of 6 exemption credits from the combined credits for College English, Advanced English, and English certification will be awarded.

(5) For other details, refer to the Global Language Education Office homepage (http://gleo.ewha.ac.kr).
For questions contact: The HOKMA College of General Education, Global Language Education Office (Tel: 02) 3277-2165, 2158)

3) Convergence Creative Courses

A) Convergence Creative has three parts; Convergence General, Convergence Basic, Cube

B) General Requirement for Convergence General Courses by College

College	Requirement	Notes
Liberal Arts; Social Sciences; Natural Sciences; Music; Education (excluding Special Education and Science Education); Business Administration; Nursing; Scranton (Division of Convergence & Interdisciplinary Studies, Division of International Studies)	Complete one course from each of 5 fields, totaling up to 4 courses (12 credits).	<5 Fields> Literature and Language Expression and Art History and Philosophy The Human and Society Science and Technology
Art and Design; Education(Special Education; Science Education); Science & Industry Convergence	Complete one course from each of 5 fields, totaling up to 3 courses (9 credits).	
Engineering(students who entered in 2016)		
ELTEC College of Engineering(Computer Science and Engineering, Electronic and Electrical Engineering, Chemical Engineering and Materials Science, Food Science and Engineering, Environmental Science and Engineering, Architectural and Urban Systems Engineering, Architecture) (students who entered in 2017)		
Medicine	Complete one course from each of 5 fields, totaling up to 3 courses (9 credits). General Biology(11159) must be included	
Pharmacy	Does not need to be completed	

※ It will be recognized as completion of Convergence Creative courses for undergraduate international students* if they take courses stated below:

- Credits Required: Regardless of fields, student can take courses stated above to fulfill the total Convergence General Course credits assigned by her college as shown in the table above.
- Courses to choose:
  - All Convergence General courses (either courses conducted in English or Korean)
  - Future Planning courses offered by Korean Studies Department(Graduate School of International Studies) that are conducted in English (excluding Online course)

* Enroller with Special Enrollment Admission type for Foreigners whose parents are both foreigners

◀ Note▶ For details of Convergence General Courses listed by fields for students who entered in 2016~2017, refer to Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「2016학년도~2017학년도 입학생의 융복합교양 영역별 교과목 안내 바로가기」

C) General Requirement for Convergence Basic Courses by College

College	Requirement
All Colleges (excluding College of Science and Industry Convergence and College of Pharmacy	Complete one course(3credits)
Science and Industry Convergence	Complete <Computational Thinking and Introduction to Programming(11211)(3credits)> and <Global Career Development and Entrepreneurship(11212) (3credits)>
Pharmacy	Does not need to complete

◀ Note▶ For details of Convergence Basic Courses listed by fields for students who entered in 2016~2017, refer to Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「2017학년도~2018학년도 입학생의 융합기초 영역별 교과목 안내 바로가기」

D) **Change**: General Requirement of Cube Courses for ELTEC College of Engineering Students

College	Requirement	Notes
ELTEC College of Engineering(Division of Human Mechanical and Biomedical Engineering, Cyber Security in Division of Software Science and Engineering, Climate and Energy Systems Engineering in Division of Sustainable Systems Engineering) (students who entered in 2017)	Complete one course from each of 3 fields totaling three courses(9credits)	<3 Fields> Liberal Arts Cube Contents Cube Design Cube

◀ Note▶ For details of Cube Courses listed by fields for students who entered in 2017, refer to Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「2017학년도 입학생의 큐브 영역별 교과목 안내 바로가기」

4) Requirement for Humanities related liberal arts courses

A) Students who entered after 2016 must complete at least 8 credits of humanities related courses listed below.

B) Earned credits are acceptable for transferred students (including students at College of Pharmacy) who have taken courses equivalent to courses listed below at other university.

C) Humanities related liberal arts courses

Field	Course(credits)
Ewha Jin-Sun-Mi (Humanity)	Christianity and the World(3), Self-Understanding for Twenties(2), Humanity for Sharing(2), Love and Ethics in Human Relationships(2), Homo-Empathicus and Community(2), Utopia of Coexistence & Cooperation(2)(**excluding Share Leadership**)
Thinking and Expression	Korean Language and Writing(3), Reading Classics and Writing(2), Logical Thinking and Writing(3), Thinking and Writing(3), Storytelling and Writing(2), Dynamism in Reading and Writing(2), Questions for History and Philosophy(2), Cyborg and Power of Image(2)
Global Communication	Advanced English(3), Writing and Discussion(3), Global Business Communication(3), Japanese I(2),II(2), Chinese I(2),II(2), French I(2),II(2), German I(2),II(2), Spanish I(2),II(2), Russian I(2),II(2) (**excluding College English**)
Future Planning	Research Writing(3), Korean Language and Korean Culture: Introduction(6)(10989), Korean Language and Korean Culture: Exploration (11197), Korean Language and Korean Culture: Concentration (11198), Academic Korean I(6)(10984), Academic Korean II(6)(10985)

D) Humanities related liberal arts courses excluding Liberal art courses – General Requirements: Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「인문학 관련 교양 교과목 안내 바로가기」

D. Liberal Arts Courses to be completed by students who entered in 2013~2015

1) Liberal art courses are classified as shown below;

Field		Course
Ewha Jin-Sun-Mi(Humanity)		Christianity and the World, Share Leadership
Thinking and Expression		Korean Language and Writing, Reading Classics and Writing, Logical Thinking and Writing, Thinking and Writing
Global Communication		College English, Advanced English, Writing and Discussion, Second Foreign Language(Japanese I,II, Chinese I,II, French I,II, German I,II, Spanish I,II, Russian I,II)
Convergence Creative	**Convergence General**	Convergence General Course has 5 parts ① Convergence General(Literature and Language) ② Convergence General(History and Philosophy) ③ Convergence General(The Human and Society) ④ Convergence General(Science and Technology) ⑤ Convergence General(Art and Expression)
	Convergence Basic	
Future Planning		Future Planning Course has 4 parts ①Career. Leadership ②Global Knowledge ③Arthi.en.s(*) ④Open Design * Arthi.en.s is a new name for the courses which covers all the area of art & humanity, science and sports.

2) Liberal Arts Courses (required)

Division		Basic Courses – General Requirements
Liberal Arts and Social Science (20 credits)		Korean Language and Writing(3), College English(3), Christianity and the World(3), Share Leadership(2), Reading Classics and Writing(2), Advanced English(3), Second Foreign Language I(2), Second Foreign Language II(2) ※ DIS students: Research Writing substitutes for Advanced English ※ Note 'A) Change: Thinking and Expression Courses for Liberal Art College Students' below for Liberal Art College students who entered in 2015
Natural Sciences; Arts and Physical Education (16~17 credits)		Korean Language and Writing(3), College English(3), Christianity and the World(3), Share Leadership(2), Reading Classics and Writing(2), either Advanced English(3) or Second Foreign Language I(2)/II(2)
Medicine (14 Credits)		Logical Thinking and Writing(3), College English(3), Christianity and the World(3), Share Leadership(2), Writing and Discussion(3)
Scranton Honors Program	Humanities and Social Science (18 credits)	Thinking and Writing(3), College English(3), Christianity and the World(3), Share Leadership(2), Writing and Discussion(3), Second Foreign Language I(2), Second Foreign Language II(2)
	Natural Sciences and Arts (14 credits)	Thinking and Writing(3), College English(3), Christianity and the World(3), Share Leadership(2), Writing and Discussion(3)
	※ Thinking and Writing substitutes for Korean Language and Writing; Writing and Discussion substitutes for Advanced English ※ Students in Scranton Honors Program are exempted from taking Reading Classics and Writing.	

Division	Basic Courses – General Requirements
Pharmacy (3 credits)	Christianity and the World(3)

A) **Change**: Thinking and Expressions Courses for Liberal Art College Students

Before	After	Notes
Korean Language and Writing(3)	Korean Language and Writing(3)	Change applies only for Liberal Art College students who entered after 2015~2019
Reading Classics and Writing(2)	**Choose one from blow;** Reading Classics and Writing(2), Dynamism in Reading and Writing(2), Questions for History and Philosophy(2), Cyborg and Power of Image(2)	

B) Courses classed as Second Foreign Language courses

(1) Chinese I, Chinese II, French I, French II, German I, German II, Japanese I, Japanese II, Spanish I, Spanish II, Russian I, Russian II (3 hrs / 2 credits).

※ Second Foreign Language I is scheduled for the spring semester; Second Foreign Language II is scheduled for the fall semester. The Second Foreign Language requirement is only considered completed when both I and II levels of the same language have been completed. (Ex., after taking spring semester Chinese I, you must take Chinese II in the fall semester to complete the Second Foreign Language requirement.)

※ Elementary Chinese, Intermediate Chinese, French, Advanced French, Freshman German, Intermediate German, Beginning Japanese, Intermediate Japanese, Spanish, Advanced Spanish, Russian courses are not for the students who entered from 2013 to 2019.

(2) Undergraduate international students* are exempt from all second foreign language requirements.
* Enrollers with Special Enrollment Admissions type for Foreigners, both of the student's parents are foreigners

※ For all undergraduate majors, international students are exempted from any second foreign language requirement. For majors that require students to take either Second Foreign language or Advanced English, international Students are exempt from taking either.

C) Reading Classics and Writing:

(1) The prerequisite course is 'Korean Language and Writing'

(2) Undergraduate International Students* can substitute 'Reading Classics and Writing', if the student has completed one of the following courses:

- Academic Korean I (10984)
- Academic Korean II (10985)
- Korean Language and Korean Culture: Introduction (10989)
- Korean Language and Korean Culture: Exploration (11197)
- Korean Language and Korean Culture: Concentration (11198)

* Korean Language and Korean Culture: Introduction (10989, 6 credits) (former Korean Language

Level 4 (High Advanced)) can be substituted if students attended the course after the fall semester of 2014(applied to the students who entered after 2013).

* Enrollers with Admission for International Students, both of the student's parents are foreigners. (Korean Language and Korean Culture: Exploration (11197) and Korean Language and Korean Culture: Concentration (11198) can be substituted from the spring semester of 2019.)

(3) Liberal Arts College students who entered after 2015 can substitute "Reading Classics and Writing", if the student has completed one of the following courses:

- Dynamism in Reading and Writing
- Questions for History and Philosophy
- Cyborg and Power of Image

※ The prerequisite course is 'Korean Language and Writing'

※ These courses are required course options ONLY for Liberal Art College students.

D) Designated semesters for registering Liberal Arts Courses – General Requirements by College

College	Freshmen		Sophomores	
	Spring	Fall	Spring	Fall
Liberal Arts	Christianity and the World, College English, Second Foreign Language I	Korean Language and Writing, Share Leadership, Advanced English, Second Foreign Language II	Reading Classics and Writing (Chinese, English, French, German) Choose one from Reading Classics and Writing and 3 others(for students who entered in 2015)	Reading Classics and Writing (Korean, History, Philosophy, Christian Studies) Choose one from Reading Classics and Writing and 3 others(for students who entered in 2015)
Social Sciences	College English, Christianity and the World, Second Foreign Language I, Share Leadership (Division of Communication and Media)	Korean Language and Writing, Advanced English, Share Leadership (Division of Social Sciences), Second Foreign Language II	Reading Classics and Writing	Reading Classics and Writing
Natural Sciences	Korean Language and Writing, Share Leadership, College English, Second Foreign Language I(selectors)	Christianity and the World, either Second Foreign Language II (selectors) or Advanced English (selectors)	Reading Classics and Writing	Reading Classics and Writing
Engineering	Korean Language and Writing, College English, Share Leadership (Computer Science & Engineering, Electronics Engineering), Second Foreign Language I (selectors)	Christianity and the World, Share Leadership (Architecture, Environmental & Food and Science students, Div. of Chemical Engineering & Materials Science), either Second Foreign	Reading Classics and Writing	Reading Classics and Writing

College		Freshmen		Sophomores	
		Spring	Fall	Spring	Fall
			Language II (selectors) or Advanced English (selectors)		
Music		Korean Language and Writing, Share Leadership, Second Foreign Language I (selectors)	College English, Christianity and the World, Second Foreign Language II(selectors)	Reading Classics and Writing, Advanced English(selectors)	Reading Classics and Writing
Art and Design		Korean Language and Writing, Share Leadership, Second Foreign Language I (selectors)	College English, Christianity and the World, Second Foreign Language II(selectors)	Reading Classics and Writing, Advanced English(selectors)	Reading Classics and Writing
Education	Education, Early Childhood Education, Elementary Education, Educational Technology, English Education, Social Studies Education, Korean Language Education, Special Education	College English, Christianity and the World, Second Foreign Language I	Korean Language and Writing, Advanced English, Share Leadership, Second Foreign Language II	Reading Classics and Writing	Reading Classics and Writing
	Science Education, Mathematics Education	Korean Language and Writing, College English, Share Leadership, Second Foreign Language I (selectors)	Christianity and the World, either Second Foreign Language II (selectors) or Advanced English (selectors)	Reading Classics and Writing	Reading Classics and Writing
Business Administration		College English, Christianity and the World, Share Leadership, Second Foreign Language II	Korean Language and Writing, Advanced English, Second Foreign Language II	Reading Classics and Writing	Reading Classics and Writing
Medicine		Logical Thinking and Writing, College English, Share Leadership	Christianity and the World, Writing and Discussion		
Health Science		Korean Language and Writing, College English, Second Foreign Language I (selectors), Share Leadership(excluding Division of Nursing)	Christianity and the World, Share Leadership (Division of Nursing), either Second Foreign Language II (selectors) or Advanced English (selectors)	Reading Classics and Writing	Reading Classics and Writing
Pharmacy		Christianity and the World(spring semester of Junior year)			

College		Freshmen		Sophomores	
		Spring	Fall	Spring	Fall
Scranton	Scranton Honors Program	Thinking and Writing, College English, Christianity and the World, Share Leadership, Second Foreign Language I	Thinking and Writing, Share Leadership, Christianity and the World, Writing and Discussion, Second Foreign Language II		
	Division of Convergence & Interdisciplinary Studies	College English, Christianity and the World, Second Foreign Language I (selectors)	Korean Language and Writing, Share Leadership, either Second Foreign Language II (selectors) or Advanced English (selectors)	Reading Classics and Writing	Reading Classics and Writing
	Division of International Studies	College English, Christianity and the World, Second Foreign Language I	Korean Language and Writing, Research Writing, Share Leadership, Second Foreign Language II	Reading Classics and Writing	Reading Classics and Writing

* Student who entered in 2015 can enroll 'Reading Classics and Writing' at any semester they choose (Spring/Fall) within the classes offered.

* Choose one from Reading Classics and Writing and 3 others (for Liberal Art College student who entered in 2015): Reading Classics and Writing, Dynamism in Reading and Writing, Questions for History and Philosophy, Cyborg and Power of Image

E) Guide to taking General Requirement English Courses

(1) Essential English, College English, Advanced English must be registered during the designated semester and section.

※ If you do not complete the mentioned courses during the designated semester and section, you can only register during the summer or winter semester after you have completed 4 semesters. Advanced English is only applicable for Humanities and Social Science field students.

(2) Students entering after 2009 must take the General Requirement English Courses according to their level on the CSAT English or the result of the English Placement Test.

(3) Below is the guide for eligible students and registration.

Name of Course (Course No.)	Guide for Eligible Students and Registration	
Essential English (10901)	Eligible Students	① Those whose scores on the English Placement Test correspond to Essential English level. ② Those who do not have the CSAT English grades and have not taken the English Placement Test. ③ Those whose CSAT English grade is lower than level 3 and have not taken the English Placement Test.
	Registration	① For those who are taking Essential English, it is possible to register for up to 21 credits for the spring semester of freshmen year. ② Repeat registration: For students whose previous grade is C+ or lower. Registration allowed for only the summer session.

Name of Course (Course No.)	Guide for Eligible Students and Registration	
College English (10098)	Eligible Students	① Those whose scores on the English Placement Test correspond to College English level. ② Those whose CSAT English grades are level 3 or higher. ③ Exemption class: For students whose iBT TOEFL score is higher than 105* or who have equivalent results on the English Exemption Test
	Registration	① Those taking College English must register in their freshmen year, and in their designated semester and section ② Those exempted from College English may register for a maximum of 21 credits only in the designated semester. ③ Repeat registration: Students whose previous grade is C+ or lower may register during the summer or winter session only. ④ No withdrawals allowed: Withdrawal is not permitted for General Requirement English Course for freshmen.
Advanced English (10099)	Eligible Students	① Those who have completed College English (including those who have been exempted from College English) ② Exemption class: Those whose iBT TOEFL score is higher than 115* or who have equivalent results on the English Exemption Test.
	Registration	① Those exempted from Advanced English may register for a maximum of 21 credits only during the designated semester. ② Repeat registration: Students whose previous grade was C+ or lower may register during the summer or winter session only. ③ No withdrawals: Exemption class students may not withdraw.
Other General English Courses	Registration	Courses: Academic English (10567), Current Issues (10596), Business and Technical English (10597), Speech and Presentation (10641), Cinema Arts and English (10643), Critical Reading and Thinking (10644), World Women through English (10709), Research Writing (10811), Rhetoric and Composition (11051), Special Topics in English (11052), Social and Cultural Impact of Video Games (11161, Core Course), Middle Eastern Political Theology (11162, Core Course), Literacy in the 21st Century (11163, Core Course), Contemporary Photography (11164, Core Course), Topics in Multiethnic American Literature (11165, Core Course), Literary Themes in Films (11310), Reading American Popular Culture in the Digital Age(11330, Core Course) ※ Since 2020, prerequisite courses(College English and Advanced English) are no longer exist.

* Exemption from College English and Advanced English is limited to those who have submitted their scores to the HOKMA College of General Education, Global Language Education Office within the specified period before entrance.

(4) For students who entered after 2012, only a total of 6 exemption credits from the combined credits for College English, Advanced English, and English certification will be awarded.

(5) For other details, refer to the Global Language Education Office homepage (http://gleo.ewha.ac.kr).
For questions contact: The HOKMA College of General Education, Global Language Education Office (Tel: 02) 3277-2165, 2158)

3) Core Courses

A) Changes for students who entered after 2013

Before	After	Notes
Complete "Core fields and Capacities"	Complete "Core Fields" only	"Capacities" are eliminated

*Core fields: Literature and Language, Expression and Art, History and Philosophy, The Human and Society, Science and Technology

*Capacities: Humanistic Insight, Scientific and Ecological Thought, Esthetic and Creative, Global Leader, Comprehensive Inquiry

B) Requirements by Colleges

College	Requirement	Notes
Liberal Arts; Social Sciences; Natural Sciences; Music; Art and Design; Education (excluding Special Education and Science Education); Business Administration; Health Sciences; Scranton(Division of Convergence & Interdisciplinary Studies, Division of International Studies)	Complete one course from each of 5 fields, totaling 5 courses (15 credits).	<5 Fields> Literature and Language, Expression Art, History and Philosophy, The Human and Society, Science and Technology
Engineering; Special Education; Science Education	Complete one course from each of 5 fields, totaling up to 4 courses (12 credits).	
Medicine	Complete one course from each of 5 fields, totaling up to 4 courses (12 credits). General Biology(11159)-Science and Technology field- must be included	
Pharmacy	Does not need to be completed	

※ It will be recognized as completion of Convergence Creative courses for undergraduate international students*(matriculated in 2013 and after) if they take courses stated below:

- Credits Required: Regardless of fields, student can take courses stated above to fulfill the total Convergence General Course credits assigned by her college as shown in the table above.
- Courses to choose:
  - All core courses (either courses conducted in English or Korean)
  - Liberal arts courses offered by Korean Studies Department(Graduate School of International Studies) that are conducted in English (excluding Online Courses)

* Enroller with Special Enrollment Admission type for Foreigners whose parents are both foreigners

◀ Note▶ For details of Core Courses listed by fields for students who entered in 2013~2015, refer to Ewha website (Korean) > 학사안내 > 교과과정 > 교과과정 및 교과목 소개 > 교양필수 교과목 이수 안내 >「2013학년도~2015학년도 입학생의 핵심교양 영역별 교과목 안내 바로가기」

E. Software(SW) Courses

1) Software(SW) Course -Requirements

A) Students who entered after 2020

(1) In order to reinforce SW education, a total of 6 credits must be completed among the courses recognized as SW courses.

(2) The SW courses are provided as liberal arts courses or major courses and students may choose among these courses in various combinations to satisfy the mandatory 6 credits. Students who complete the mandatory 3 credits in the Computing and Mathematical Thinking area, which are basic liberal arts courses, can include the credits in the mandatory 6 credits for SW courses. In this case, only 3 more credits need to be taken to satisfy the 6 credit SW course requirements.

2) Liberal arts SW courses

A) The liberal arts courses designated as SW courses are dispersed in four of the five areas of Convergence Liberal Arts (science and technology, literature and language, art and expression, human and society), and included in the Computing and Mathematical Thinking area. They are also included in general liberal arts courses.

3) Major SW courses

A) Courses designated as SW courses in each major: If a student completed SW courses from other major, credits will be given as general optional courses not major credits.

B) Major SW courses can be searched after checking the Software (SW) course checkbox in the Eureka> Course Schedule / Lecture Plan.

4) Details of SW Courses in liberal arts and major SW courses

A) Refer to the homepage of Software Centric University(Korean) > SW교육> SW기초교육 (http://my.ewha.ac.kr/swcu/)

B) SW courses in Computing and Mathematical Thinking included in Liberal Arts

#	Course No.	Department (Major)	Name of Course	Credits
1	11204	Philosophy	Logic and Computer	3
2	11205	Computer Science & Engineering	Computational Thinking & Problem Solving	3
3	11206	Mathematics	Introduction to computation and its application in arts and sciences	3
4	11207	Statistics	Programming and Statistical Thinking	3
5	11208	Computer Science & Engineering	Introduction to IT Convergence Engineering	3
6	11211	Content Convergence	Computational Thinking and Introduction to Programming	3
7	11232	Computer Science & Engineering	Computational Thinking and Its Understanding	3
8	11233	Composition	Computer Music Programming for Music Technology	3

#	Course No.	Department (Major)	Name of Course	Credits
9	11234	Design	Computational Thinking and Its Application to Art & Design	3
10	11309	Computer Science & Engineering	Problem Solving and Software Programming	3
11	11356	Computer Science & Engineering	Linux & Systematic Thinking	3
12	11357	Law	Data Convergence & Law	3
13	11361	Computer Science & Engineering	Computational Thinking for Computer Programming	3
14	11362	Physics	Visualizing the Universe	3
15	11364	Nutritional Science & Food Management	Food and Design in the age of Food Technology	3
16	11365	HOKMA	Big Data and Gender	3
17	11367	College of Education	The Foundation of R Programming for Social Problem Solving	3
18	11368	Mathematics	Mathematical understanding of information processing and artificial intelligence	3
19	11369	Computer Science & Engineering	Computational Problem Solving Method	3
20	11373	Smart Curation	Data Computing	3
21	11374	Business Administration	Computer security and Windows forensics	3
22	11395	Computer Science & Engineering	Foundation of Artificial Intelligence	3
23	11385	Department of Sociology	Data Scientific Thinking for Social Problem Solving Process	3
24	11393	Business Administration	Computer Coding for Financial Life	3
25	11386	Interdisciplinary Program of Social Economy	Social Economy Analytics for Social Impact	3
26	11394	Department of Educational Technology	AI in Education	3
27	11392	psychology	Computational thinking and counseling psychology	3

C) SW Courses in Convergence and General Liberal Arts courses

#	Field	Course No.	Department (Major)	Name of Course	Credits
1	Convergence General (Science and Technology)	10104	Statistics	Introduction to Applied Statistics	3
2		10123	Computer Science & Engineering	Information Society and Internet Ethics	3
3		10556	Computer Science & Engineering	Internet and Social Computing	3
4		11042	Philosophy	Computer and Mind	3

#	Field	Course No.	Department (Major)	Name of Course	Credits
5		11096	Statistics	Modern Information Society and Statistics	3
6		11145	Content Convergence	Creative Computing	3
7		11152	Content Convergence	Contents Computing	3
8		11154	Computer Science & Engineering	Introduction to Internet of Things (IOT)	3
9		11160	Computer Science & Engineering	Information technology and future society	3
10		11187	Library & Information Science	Big data society and information literacy	3
11		11261	Electronic and Electrical Engineering	Introduction to Future Information Industries in the Era of Artificial Intelligence	3
12		11336	Ewha Institute for the Humanities	Artificial Intelligence and Human Being	3
13	Convergence General (Literature and Language)	10950	Content Convergence	Understanding of Digital Storytelling	3
14		11038	Chinese Language & Literature	East Asian Character and Text in Digital Media Times	3
15		11112	Ewha Institute for the Humanities	Genre Fiction in the Age of Multi-Media	3
16		11335	English Language & Literature	Technical Writing and Document Design in English	3
17	Convergence General (Art and Expression)	10778	Design	Digital Media & Art	3
18	Convergence General (The Human and Society)	11103	School of Law	Internet & Law	3
19		11308	Women's Studies	Data Analytics on Classics	3
20		11360	School of Law	Social Welfare & Law with ICT Convergence	3
21	Electives (Choose Freely)	10027	Philosophy	Logic and Multi-dimensional Thinking	3
22		11047	Philosophy	Understanding Scientific Reasoning	3
23		11099	Computer Science & Engineering	Mobile App Programming	3
24		11237	Business Administration	K-MOOC:Fundamentals of Big Data Analytics: Concepts, Techniques and Practices	3
25		11239	Content Convergence	K-MOOC:Music and Science/Technology	3
26		11240	Design	K-MOOC:The Complete Animation Course	3
27		11306	ELTEC	The Fourth Industrial Revolution and Future Engineering	3
28		11338	Communication & Media	K-MOOC:Understanding and Utilization of Photography	3

F. English Lecture Courses

1) English Lecture Courses - Requirements

A) Students who entered in 2007~2013
Must complete more than 12 credits of English lecture courses (More than 6 credits for Arts and Physical Education majors).

B) Students who entered in 2014~2019
Must complete a minimum of 18 credits of English Language. (Except for Music, Art & Design, Human Movement Studies, Pharmacy, Pre-Medicine and Korean Language Education majors, who are required to complete a minimum of 12 credits; and Early Childhood Education, Elementary Education, Science Education and Math Education majors, who are required to complete a minimum of 15 credits.)

C) Students who entered after 2020
Must complete a minimum of 15 credits of English Language. (Except for Music, Art & Design, Human Movement Studies, Pharmacy, Pre-Medicine and Korean Language Education majors, who are required to complete a minimum of 9 credits; and College of Education(except Korean Language Education major), who are required to complete a minimum of 12 credits.)

2) Courses recognized as English Lectures

A) English Lectures (including general English courses)

B) Designated Second Foreign Language courses

C) 3 credits from the English Certification System (※ This does not apply to courses recognized as English lectures for students entering after 2012)

D) Courses taught in a foreign language (for students admitted in 2014 and later)

3) Finding English Lecture Courses
Search for English Lecture courses available in the fall semester of 2021 and the relevant syllabi at: Ewha homepage (Korean)→ 학사안내→ 강의시간표/강의계획안→ 영어강의 조회; or Ewha homepage (Korean)→ 학사안내→ 강의시간표/강의계획안, notes for each course.

G. Regulations and Required Courses for Different Departments(Majors) (Major Requisite or Major Intensive Course)

◀ Note▶ Refer to Ewha homepage (Korean) → 학사안내 → 교과과정안내

5. Guide to Other Courses

A. Distance Learning Courses

1) The courses that consist of distance learning with more than 10 weeks out of 15 weeks are Distance Learning Courses.

2) Distance Learning Courses encompass the Distance Learning Courses offered through Ewha Cyber Campus, and the K-MOOC Courses.

3) The Maximum Distance Learning Courses credits you can receive per semester is 9 credits, whilst the maximum Distance Learning Courses credits you can receive during your undergraduate/ graduate studies is 20% of the total number of credits required for graduation. (For AY 2016 entrants)

4) Distance Learning Courses available in the spring semester of 2022

A) Distance Learning Courses for 2022 spring semester are informed in [Academics] > [Course] > [Undergraduate] > [Course Schedule/Syllabus] on the official website.

※ Offline tests may be required. Please refer to course syllabus for detailed requirements.

B) K-MOOC Courses (Course area: Future Planning)

#	Course no. -Class	Department (Major)	Course Type	Course Title	Cre-dits	Hrs.	Notes
1	11370-01	Social Studies Education	Liberal Arts Course	K-MOOC: Travel and Geography	3	3	Avoid overlapped registration of < Travel and Geography in the Context of Globalization (11089)>
2	11353-01	Life Sciences		K-MOOC:Behavior of Animals	3	3	Avoid overlapped registration of <Behavior of Animals(10930)>
3	11387-01	Science Education		K-MOOC:Biological Diversity and Resources	3	3	
4	11354-01	Law (School of Law)		K-MOOC:Biomedical Technologies and Law	3	3	
5	11390-01	Medicine		K-MOOC:Children's Environmental Health		1	
6	11300-01	Communication Disorders		K-MOOC:Children's Outstanding Language Learning Abilities-Approach from Bilinguals	3	3	

#	Course no. -Class	Department (Major)	Course Type	Course Title	Cre-dits	Hrs.	Notes
7	11237-01	Business Administration		K-MOOC:Fundamentals of Big Data Analytics: Concepts, Techniques and Practices	3	3	Avoid overlapped registration of <Introduction to Big Data Analytics(38163)>
8	11217-01	Architecture		K-MOOC:History of Architecture, Society and Culture	3	3	Avoid overlapped registration of <History of Western Architecture(36387)>
9	11219-01	Sociology		K-MOOC:Human Behavior and Social Structure	3	3	Avoid overlapped registration of <Dynamics of Human Action and Social Structure(10771)>
10	11372-01	HOKMA College of General Education		K-MOOC:Identity, Agency, Equality, and Security in the Age of AI	3	3	
11	11239-01	Content Convergence		K-MOOC:Music and Science/Technology	3	3	Avoid overlapped registration of <Music and Science/Technology (11144)>
12	11391-01	International Studies (Graduate School of International Studies)		K-MOOC:Poverty, Inequality & Development Cooperation	1	1	
13	11337-01	French Language and Literature		K-MOOC:Reading Culture through Etymology	3	3	Avoid overlapped registration of <Reading culture through etymology(10891)>
14	11371-01	History		K-MOOC:Story of three civilization:History of cross-cultural contacts in the Medieval Mediterranean	3	3	
15	11389-01	Korean Language and Literature		K-MOOC:Studies in Traditional Korean Culture	3	3	
16	11240-01	Fine Design		K-MOOC:The Complete Animation Course		3	
17	11298-01	Life Sciences		K-MOOC:Why We Get Sick-The Ecology and Evolution of Diseases	2	2	

※ S/U grading will be applied. For earning credits, students are required to take a course via the K-MOOC website, to participate in offline classes, and to take tests in class (Please refer to course syllabus)

※ K-MOOC Courses are taken at the K-MOOC website (http://www.kmooc.kr/) and offline evaluation is notified at CyberCampus

5) Registration for Distance Learning Courses

A) For Ewha students, identical to registering for general courses (http://sugang.ewha.ac.kr).
※ It is **necessary to register your email address on MyEureka before class starts.**

B) Distance Learning Courses should be over 200 students per course.

B. Blended Lectures Courses

1) Blended lectures course is a convergence of lectures in which online concept learning of outside the classroom and offline application learning of inside the classroom.

2) Online concept leaning and offline application learning as below:

A) Online concept leaning: Understanding new concepts and knowledge through lecture video and online activities

B) Offline application learning: Developing understandings of online concept learning by group activities, in-depth review, and application, focusing on interactions among fellow students and instructors.

3) <Online concept learning + offline application learning> linked week should be conducted more than five times for a semester (15 weeks).
※ The courses have been developed as the government supported project.

4) Blended courses for 2021 fall semester are informed in [Academics] > [Course] > [Undergraduate] > [Course Schedule/Syllabus] on the official website.
※ Please refer to the lesson plan since there are differences in classes for each instructor.

C. First-Year Seminar·HOKMA Seminar

1) The First-Year Seminar is held in the spring semester of each year for freshmen in the Colleges of Liberal Arts(Course no.: 10845), Social Sciences(10848), Natural Sciences(10851), Art and Design(11231), Education(10857), Business Administration(10863), Science & Industry Convergence(11222), Nursing(11224), Pharmacy(11401), Division of Brain & Cognitive Sciences(11402) and International Studies(11117) of Scranton College(HOKMA Seminar(11302) is for HOKMA College freshmen). The course aims to aid students' understanding of Ewha, to give students guidance in their university life, and to advise students on their major and study methods.

The relevant students may register for the First-Year Seminar(or HOKMA Seminar) **within their College and course section**. Each class is limited to around 10 students. Classes start in the first week of the semester and course schedule may differ according to the professor's or students' circumstances. Freshmen earn 1 credit (grade: S/U, which is included in graduating credits) when completing the First-Year Seminar (according to each college).

The relevant students may register for the First-Year Seminar(or HOKMA Seminar) **within their College and course section**. Each class is limited to around 10 students. Classes start in

the first week of the semester and course schedule may differ according to the professor's or students' circumstances. Freshmen earn 1 credit (grade: S/U, which is included in graduating credits) when completing the First-Year Seminar (according to each college).

2) Scranton College (Scranton Honors Program) students must complete the First-Year for their first major in the first semester of their freshman year, and register for the Scranton Seminar (Course no.: 10844) in the second semester of their freshman year.

3) HOKMA College freshmen must complete HOKMA Seminar (Course no.: 11302) in the first semester of their freshman year.

4) Students who are not freshmen of the corresponding college may not register for the First-Year Seminar and HOKMA Seminar. First-Year Seminar and HOKMA Seminar cannot be repeated.

D. Social Service Activity for the Student (I, II, III) Courses

1) Course Information

A) Course title: Social Service Activity for the Students I, II, and III (Course no. : 10575, 10578, and 10579), 2 hours and 1 credit each

B) Completing the curriculum: A student registered for this course can earn 1 credit per semester for 3 semesters. The course is classed as a Future Planning(Career Leadership) of Optional General Courses.

C) How the course is run: 6 hours of theory classes (a total of 4 classes and internet lectures) and 26 hours of social service.

D) Grading: Graded as S (Satisfactory) or U (Unsatisfactory).

E) Prerequisite courses: Only students who have completed Social Service Activity for the Students I may register for Social Service Activity for the Students II. Only students who have completed Social Service Activity for the Students II may register for Social Service Activity for the Students III.

F) Choosing an institution for Social Service Activities: Students may choose to do their social service at (1) an institution recommended by Ewha, or (2) an institution chosen by the student (subject to approval).

G) Course withdrawals are NOT allowed: Students must take responsibility in fulfilling extramural service activities; therefore, no withdrawals are permitted.

H) Social Service Activity for the Students: A certificate for completing the Social Service Activity will be awarded even if only one course is completed. Certificates for the Social Service Activities can also be printed out from MyEureka → Academics → Social Service Activity → Social Service Activity Certificate.

I) Students who have difficulty with communication in Korean, should contact Social Service Team before enroll the institution regarding Social Service Activity Ⅰ or Ⅱ or Ⅲ classes.

2) Important notice for those registering

Students must register for Social Service Activity through the MyEureka during the following period. Students will be admitted on a first come, first served basis.

A) Registration period for spring semester of 2022

- Institution recommended by Ewha: 09:00 Tue., Feb. 22, 2022 - 23:59 Mon., Mar. 7, 2022

- Institution chosen by the student: 09:00 Tue., Feb. 22, 2022 - 17:00 Mon., Mar. 7, 2022

B) How to register and confirm registration for 2022 spring semester Social Service Activity.

(1) How to register for Social Service Activity

(A) Institution recommended by Ewha: check the list of institution recommended by Ewha at MyEureka → Academics → Social Service Activity → Search/Register for Social Service Activity Institution.

(B) Institution chosen by the student: Download and fill in the registration form from the Social Service Team homepage resources and submit it to the Social Service Team. Your choice will be confirmed after a review.

(2) Confirming registration for Social Service Activities: confirm results of registration at MyEureka → Academics → Social Service Activity → Verification of Registration Results for Social Service Institution.

※ Registration for Social Service Activities must be done by designated fields and by class.

C) Schedule of Social Service Activity for Students for 2022 spring semester: Students must attend the designated class on the designated day of the week.

(1) First class of Basic Education: Mon., Mar. 14, 2022 - Thur., Mar. 17, 2022

(2) Second class of Basic Education: Mon., Mar. 21, 2022 - Thur., Mar. 24, 2022

(3) Midterm Evaluation Class (choose 1)

※ Group A: Mon., Apr. 11, 2022 - Thur., Apr. 14, 2022

※ Group B: Mon., Apr. 25, 2022 - Thur., Apr. 28, 2022

(4) Total Evaluation Class: Mon., May. 30, 2022 - Thur., Jun. 2, 2022

(5) Internet Class: E-classes are run separately on cyber-campus to provide guidance on social service activities and allow a continuous exchange of information. Students must also participate in the internet classes.

※ The theory class starts on Mar. 2, and students must check the dates of their classes, their classroom, and class time at MyEureka → verify results for social service institution application.

D) Activity period for 2022 spring semester Social Service Activity for the Students: Wed., Mar. 2, 2022 - Thur., Jun. 2, 2022

3) For queries contact: the Social Service Team (http://volunteer.ewha.ac.kr; Tel: 02) 3277-2827, 2298)

E. Speaking Master Program(SMaP)

Speaking Master Program(SMaP) is a short-term intensive English training program run by the Global Language Education Office and is offered every summer and winter break for 16 days. Students

participating in SMaP receive training in speaking under native professors with extensive experience. They will also have the opportunity to participate in classes of various contents. Students will not only acquire fluency, natural communicative skills, and confidence in English communication but also attain a broad understanding of the various cultural facets for appropriate English usage through close interaction with native professors.

1) Students must register for "Practical English" during the registration period for summer or winter session and will receive 3 undergraduate course credits on completion. The credits are recognized towards the number of required English course credits. However, the class may not substitute College English or Advanced English, which is a mandatory course

2) "Practical English" is offered for the summer/winter session and included in the 6 possible credits (3 credits for students on leave) for the vacation session. However, to get credit recognition, students must register in person for credits during the summer or winter session registration period. Tuition is calculated separately from that of summer and winter session courses.

3) Information for 2022 Summer session SMaP Registration

Period	**June 27, 2022 (Mon.) ~ July 27, 2022 (Thurs.)** (Total 16-day course) (**tentative**, any changes will be notified on the GLEO homepage)
Registration Period	**May 9, 2022 (Mon.) ~ June 17, 2022 (Fri.)** 09:00-17:00 (**tentative**)
Application Form	Download from the EPO homepage or visit the GLEO office(ECC B115) (bring a photo)
Application	By e-mail epo@ewha.ac.kr. (A scanned photo must be included)

4) For questions, contact The HOKMA College of General Education, Global Language Education Office (http://gleo.ewha.ac.kr or Tel. 02) 3277-6966, Email epo@ewha.ac.kr)

F. Ewha Writing-Intensive School(EWIS)

Ewha Writing-Intensive School (EWIS) is run every summer and winter session for 16 days. Its objective is to ready students for global competency through rigorous training in the skills of competitive academic writing. Native language professors with master's and doctoral studies from universities abroad provide guidance and instruction through lecturing and daily feedback on student writing.

1) Students must enroll under the course name 'Ewha Writing-Intensive School (고급영어글쓰기)' during the summer and winter sessions. 3 credits are given upon completion of the general elective course.

2) 'Ewha Writing-Intensive School' is a summer/winter session elective course. Its credits are included in the 6 credits allowed for regular students and 3 credits for students on leave of absence. To be given credit, students must personally enroll during the registration period of the summer and winter sessions. Tuition is calculated separately from that of summer and winter session courses.

3) Information for 2022 Summer Session EWIS Registration

Period	**June 27, 2022 (Mon.) ~ July 27, 2022 (Thurs.)** (Total 16-day course) (**tentative**, any changes will be notified on the GLEO homepage)

Registration Period	**May 9, 2022 (Mon.) ~ June 17, 2022 (Fri.)** 09:00-17:00 (**tentative**)
Application Form	Download from the EPO homepage or visit the GLEO office(ECC B115) (bring a photo)
Application	By e-mail epo@ewha.ac.kr. (A scanned photo must be included)

4) For questions, contact The HOKMA College of General Education, Global Language Education Office (http://gleo.ewha.ac.kr or Tel. 02) 3277-6966, Email epo@ewha.ac.kr)

6. Guide to Intensive Major, Minor, Double-Major, and Interdisciplinary Major

A. Completing an Intensive Major

The intensive major system has been adopted to sustain interest in the double-major. It was first available to students who entered in 2008 and offers a reinforced major education for students who complete only the first major.

1) Departments (majors) adopting the intensive major system

   All majors in the Colleges of Liberal Arts, Social Sciences, Natural Sciences and Art & Design (for students who entered in 2020 and later), Computer Science and Engineering major and Cyber Security major of ELTEC College of Engineering, the Department of Educational Technology and Korean Language Education and Elementary Education in the College of Education, all majors in the College of Business Administration, the Departments of Human Movement Studies, Nutritional Science & Food Management, and Health Education & Management in the College of Health Sciences, the Division of International Studies in Scranton College Check, and the Department of Clothing & Textiles in the College of Fine Arts.

2) Students who belong to a department (major) which has adopted the intensive major system must complete their first major as the intensive major, even if they also complete a minor. However, students who complete a double major do not need to complete their first major as an intensive major.

3) Refer to the curriculum of the year you entered for the credits required to complete an intensive major.

B. Completing a Double Major

1) Registration

   A) Students are able to register and cancel from the first semester of their sophomore year. Students on a leave of absence, students who completed their course work, or who postponed their graduation cannot register and cancel a double major.

   B) Registration period: Mon., April. 4, 2022 ~ Thurs., April. 7, 2022

   C) Important notes

      (1) If a student's period of attendance is extended in order to complete a double major, she cannot cancel the double major.

      ※ Limit to the period of attendance for double majors: 9 years (5 years for students transferring as juniors)

      (2) As the number of students able to register for a double major is limited by each department in the Education College, students must be careful to not register for a double major too late as there may be no places left.

2) How to register
   Register at Ewha homepage→ EUREKA → MyEureka → Academic affairs → School

registry → Apply for Double Major and Minor/ View Results.

3) Majors (departments) which do not allow or limit registration for double majors:

A) Departments and majors related to medicine, nursing and pharmacy

B) The College of Education

However, students in the College of Education or who are selected as candidates for the teacher training program from outside the College of Education may do a double major.

For Elementary Education majors, only students who entered before 2011 may apply for a double major. Students entering after 2012 may not apply for a double major.

※ For details, refer to Ewha homepage (Korean)→ 학사안내→ 학사정보→ 전공선택→ 복수전공.

4) Completed credits

A) In principle, students must complete the credits from major foundation, and major courses required by their major (department) to graduate. (For Core Courses and Liberal Arts Courses-General Requirements, students only need to complete the credits required for their major)

B) Special Notes

(1) When students in the College of Art and Design are double-majoring within the College of Art and Design, the major foundation courses of the first major are recognized as those of the double majors'. However, when double-majoring the Division of Design, students are required to complete extra 6 credits out of 6 major foundation courses offered in the Division of Design

(2) When students in the ELTEC College of Engineering (Engineering College) are double-majoring within the ELTEC College of Engineering (Engineering College), the major foundation courses of the first major are recognized as those of the double majors if those courses are same subjects (including "compatible repeat courses.)

(3) Students who entered after 2008

Students in majors and departments which have an intensive major as a first major or a double major can choose to do credits as their intensive major or their (double) major.

5) Recognition of overlapping credits (※ First major: main major/ Second major: Double major)

A) Students who entered before 2011

(1) If the courses for a student's first major (college basics, major foundation, and major courses) or second major (college basics, major foundation, and major courses) are identical with courses from their double major, up to 9 credits from the course may be dually recognized.

(2) In colleges which have identical college basics and major foundation courses, the college basics and major foundation courses from the 1st major will be recognized from the double major.

(3) If doing double major to obtain a teaching license, credits cannot be dually recognized.

B) Students who entered after 2012

(1) If courses for a student's first major (major foundation, and major courses) are identical with courses for their double major, up to 9 credits from the course may be dually recognized.

Dual recognition for a certain course is limited to once.

(2) In colleges which have identical major foundation courses, major foundation courses from the 1st major will be recognized for those doing a double major.

(3) If doing a double major to obtain a teaching license, credits cannot be dually recognized.

(4) Credits cannot be dually recognized between double major-double major and double major-minor courses.

C. Completing a Minor

1) Registration

A) Students can register for a minor or cancel their registration from the first semester of their sophomore year throughout their enrollment. Students on a leave of absence, students who completed their course work, or who postponed their graduation cannot register and cancel a minor.

B) Registration period: Mon., April. 4, 2022 ~ Thurs., April. 7, 2022

※ As the number of students able to register for a double major is limited by each department in the College of Education, students must be careful to not register for a double major too late as there may not be places left.

2) How to register

Register at Ewha homepage → EUREKA → MyEureka → Academic affairs → School registry → Apply for Double Major and Minor/ View Results.

3) Majors (departments) which do not allow, or limit, registration for a minor:

A) 5-year Architecture major and majors (departments) related to medicine, nursing, and pharmacy

B) English Education (students who entered after 2018 may not apply for English Education as a minor.)

※ For details refer to Ewha homepage (Korean)→ 학사안내→ 학사정보→ 전공선택→ 부전공.

4) Credits to be completed and special cases

Period		Complete more than 21 credits from major foundation and major courses. More than 15 credits should be from major courses.
Special Cases	**College of Music Division of Music**	Must complete 4 courses from Applied Music I-VIII
	College of Education	Must complete more than 21 credits from major courses ※ Students may register for any of the department of Education as a minor but it has no relation to their teaching qualification. (Students who entered after 2008 cannot have teaching training as their minor.)

5) Recognition of overlapping credits (※ First major: main major/ Second major: Double major)

A) Students who entered before 2011

(1) If courses for a student's first major (major foundation and major courses) are identical

with courses for their minor, up to 6 credits from major courses may be counted towards the minor. If courses for a student's second major (major foundation and major courses) are identical with courses for their minor, up to 6 credits will be dually recognized. However, when doing more than two minors, credits from minor courses cannot be dually recognized.

B) Students who entered after 2012

(1) If courses for a student's first major (major foundation and major courses) are identical to courses for their minor, up to 6 credits from the major may be dually recognized. Dual recognition for a certain course is limited to once.

(2) Credits cannot be dually recognized between double major-minor and minor-minor courses.

D. Completing an Interdisciplinary Major

1) Definition of an Interdisciplinary Major

Students cannot apply for an interdisciplinary major when entering college, but it is possible for two or more departments to offer courses for a combined interdisciplinary major, which can become a minor or double major.

College in Charge	Types of Interdisciplinary Majors
Liberal Arts	East Asian Studies, History of Art, Japanese and Culture
Social Sciences	North Korean Studies, Child Development and Intervention, Women's Studies, Cognitive Science, Finance and Economics
Natural Sciences	Computational Science, Bioinformatics, Information Security
ELTEC College of Engineering	Software, Management for Science and Technology
Education	General Science*, Common Social Studies*, Moral Education, Multimedia
Business	Entrepreneurship
Medicine	Computational Medicine
Graduate School of International Studies	International Development Cooperation
Law School	Public Leadership & Justice

* General Science, Common Social Studies: students entered after 2017

2) Registration Period and How to Register

- Registration Period: Students may register during the registration and cancellation period

for a minor and double major (first semester: April, second semester: October).

- How to Register: Students must apply and be approved for an interdisciplinary major as a minor or double major at Ewha homepage → EUREKA → MyEureka → Academic affairs → School registry → Apply for Double Major and Minor/ View Results

3) Credits to complete: 30 credits or more for a double major/21 credits or more for a minor

■ **Method for the Completion of an Interdisciplinary Major**

1) Restrictions on Registration for Interdisciplinary Majors
Although registration for most interdisciplinary majors is not restricted, restrictions do apply to the following majors. It is therefore recommended to check before registration.

Majors	Limitations
History of Art	**-Restrictions on registration for a Double Major** Registration is offered only to students whose GPA is 2.7 or higher (beginning from 2018-Fall semester)
Finance and Economics	**-Restrictions on registration for a Double Major** Registration is offered only to students who have completed five courses from the following list with the GPA of 3.0 or higher. (1) Requisite Courses: Microeconomic Theory (Economics), Macroeconomic Theory (Economics), Principle of Accounting Information (Business Administration) * Grades earned after taking Microeconomic theory and Macroeconomics theory at overseas exchange schools are not accepted. (2) Elective Courses (Select one): Business Statistics (22233), Economic Statistics(22207), Probability and Statistics (34980), Statistics I (20424), Statistics II (20425) (3) Elective Courses (Select one): Calculus (20406), Mathematics for Economics (22201), Calculus I (20407), Calculus II (20408) ※ Students taking Statistics or Calculus must complete Statistics I and II or Calculus I and II to be considered to have completed one course. - Requirements for completion: The GPA of courses offered by Finance and Economics is 3.0 or higher **-Not available as a Minor**
Software	**-Restrictions on registration for a Minor and Double Major** Registration is not offered to students majoring in Computer Science & Engineering and Cyber security.
Moral Education	**-Restrictions on registration for a Double Major** Registration is offered only to students majoring in Education or Education Technology, as well as Philosophy majors in the process of completing the curricula to become professional teachers. **-Not available as a Minor**
Common Social Studies	**-Restrictions on registration for a Double Major** Among students who entered after 2006, registration is offered only to students majoring in Social Studies/Social Studies Education, as well as History, Sociology, Political Science and International Relations majors in the process of completing the curricula to become professional teachers. **-Not available as a Minor**

Majors	Limitations
General Science	**-Restrictions on registration for a Double Major** Among students who entered after 2006, registration is offered only to students majoring in Science Education and Physics, Chemistry, Chemistry & Nano Science, and Life Science majors in the process of completing the curricula to become professional teachers. **-Not available as a Minor**
International Development Cooperation	**-Restrictions on registration for a Minor and Double Major** Registration is offered only to students whose GPA is 3.3 or higher (beginning from 2020-Fall semester)

2) Limits on credits from courses offered by different majors (departments)

When minoring or double-majoring as part of an interdisciplinary major, students are not allowed to exceed the credit limit for each major (department) to prevent them from taking too many courses from one major. However, for some interdisciplinary majors separate limits are applied to the credits offered by different majors (departments).

A) Basic restrictions

Double Major	Minor
12 credits by major(department) offering courses	**9 credits by major(department) offering courses**

B) Separate restrictions

Interdisciplinary Major	Double Major	Minor
Child Development and Intervention	18 credits by Child Development and Intervention major	12 credits by Child Development and Intervention major
	12 credits from other departments (majors) offering courses	9 credits from other departments (majors) offering courses
Professional English	18 credits by major (department) offering courses	12 credits by major (department) offering courses
Finance and Economics	15 credits by major (division of) Business Administration	-
	12 credits from other departments (majors) offering courses	
History of Art, Women's Studies, North Korean Studies, Japanese and Culture, Entrepreneurship	No restrictions on credits from courses offered by the major (department) of the interdisciplinary major	
	12 credits from other departments (majors) offering courses	9 credits from other departments (majors) offering courses
Software	* However, students must obtain minimum 18 credits from courses offered by the Software major, Specialized Software major.	9 credits from other departments (majors) offering courses
	12 credits from other departments (majors) offering courses	
Moral Education, Common Social Studies, General Science	No limit	-

Interdisciplinary Major	Double Major	Minor
Computational Medicine	Minimum 9 credits relating to SW subjects	-
	Minimum 6 credits from Department of Pre-medicine	

3) Designation of Additional Requirements for Completion

Some interdisciplinary majors have additional requirements for completion in addition to or separate from basic restrictions on credits for established majors (departments). Additional requirements include **"minimum credits to complete from the courses of an established major (department),"** "requisite courses," "intensive courses," and "minimum GPA required." For more information, **students can check out each major's curriculum for the year they entered**.

4) Summary: How to Complete an Interdisciplinary Major as Explained Above

It is recommended that students first see the summary on interdisciplinary majors in the table below and then make sure to check out each interdisciplinary major's courses for one's year of entrance before submitting to the course.

Interdisciplinary Major	1) Registration Restrictions	2) Limit on credits from courses offered by established majors (departments)		3) Designation of additional requirements for completion
		Basic	Separate	
East Asian Studies		▲		
European Studies		▲		★
Cognitive Science		▲		
Child Development and Intervention			●	
Information Security		▲		
Philosophy of Natural Sciences		▲		
Multimedia		▲		
Bioinformatics		▲		
Professional English	◆		●	★
Finance and Economics	◆		●	★
Moral Education	◆			★
Common Social Studies	◆			★
General Science	◆			★
History of Art	◆		●	
Women's Studies			●	★
Japanese and Culture			●	
North Korean Studies			●	
Management for Science and Technology				★

Interdisciplinary Major	1) Registration Restrictions	2) Limit on credits from courses offered by established majors (departments)		3) Designation of additional requirements for completion
		Basic	Separate	
Computational Science				★
International Development Cooperation	◆	▲		★
Public Leadership & Justice				★
Entrepreneurship			●	★
Software	◆		●	
Computational Medicine			●	★

5) Recognition of overlapping credits (※ first major: main major/ second major: double major)

A) Students who entered before 2011

If courses for a student's first major (major foundation and major courses) and Liberal Arts requisite courses are identical to courses for their interdisciplinary subject, up to nine credits from courses from the first major can be counted toward their double major and up to six credits can be counted towards their minor. Also, if courses for a student's second major (major foundation and major courses) are identical to courses for their interdisciplinary subject, up to nine credits from courses for the second major can be counted towards the double major and up to six credits can be counted towards their minor. (However, Moral Ethics Education, Common Social Studies and General Science have separate regulations.)

B) Students who entered after 2012

If the courses for a student's first major (major foundation, and major courses) and courses for their interdisciplinary subject are identical, up to nine credits from courses for the first major can be counted towards their interdisciplinary double major, and up to six credits can be counted towards their interdisciplinary minor.

Dual recognition of a specific course is limited to one time.

(However, credits from college basic courses can only be counted towards a double major. Moral Ethics Education, Common Social Studies and General Science have separate regulations.)

6) Notes on completing an interdisciplinary major

Liberal Arts courses in interdisciplinary major courses are only recognized as minor or double major courses for an interdisciplinary major. If canceling the interdisciplinary major, the course will be reclassified as a Liberal Arts course.

7) How to complete a graduation thesis for an interdisciplinary major as a double major and title of degree

According to school regulations, the graduation thesis must be submitted to the corresponding major in the semester a student intends to graduate. For questions regarding submission, seek the guidance of the corresponding department office or its head professor.

College in Charge	Interdisciplinary Major	Head Prof. (Department)	Type of Graduation Thesis
Liberal Arts	East Asian Studies	Kim, Jungkoo	Graduation Thesis

College in Charge	Interdisciplinary Major	Head Prof. (Department)	Type of Graduation Thesis
		(Chinese Language & Literature)	
	American Studies	Oh, Eunjin, (English Language & Literature)	Graduation Thesis
	History of Art	Kim, Soyeon (History of Art)	Graduation Comprehensive Exam
	Japanese and Culture	Kim, Jisun (Liberal Arts)	Graduation Thesis
Social Sciences	European Studies**	Cho, Yunkyung (French Language & Literature)	Graduation Thesis
	North Korean Studies	Kim, Seok Hyang (North Korean Studies)	Graduation Thesis
	Cognitive Science	Lee, Hye-Won (Psychology)	Graduation Thesis
	Women's Studies	Jung, Ji Young (Women's Studies)	Graduation Thesis
	Finance and Economics	Kim, Yoon Kyung (Economics)	Graduation Thesis
	Child Development and Intervention	Lee, Woon Kyung (Child Development)	Graduation Comprehensive Exam
Natural Sciences	Information Security	Kim Hyun Kyu (Mathematics)	Graduation Thesis
	Bioinformatics	Lee, Sang-Hyuk (Life Sciences)	Graduation Thesis
	Philosophy of Natural Sciences***	Ahn, Chang-rim (Physics)	Graduation Thesis
	Computational Science	Kim, Sunyoung (Mathematics)	Graduation Thesis
ELTEC College of Engineering	Management for Science and Technology	Park, Hyunggon (Electronic and Electrical Engineering)	Graduation Thesis or Experiment and Practice Report
	Software	Park, Hyun Seok (Computer Science & Engineering)	Exhibition/Presentation and Practice Report
Education	Moral Education	Kim, Namhee (Education)	Graduation Comprehensive Exam
	Multimedia	So, Hyo-Jeong (Education Technology)	Exhibition/Presentation
	Common Social Studies	Choi, Minsik (Social Studies Education)	Graduation Comprehensive Exam
	General Science	Lim, Miyoun (Science Education)	Graduation Comprehensive Exam

College in Charge	Interdisciplinary Major	Head Prof. (Department)	Type of Graduation Thesis
Medicine	Computational Medicine	Park, Young Mi	Graduation Thesis or Experiment and Practice Report
Graduate School of International Studies	International Development Cooperation	Oh , Jinhwan (International Studies)	Graduation Thesis or Place&Work Experience Report
Law School	Public Leadership & Justice	Choi, Hee-Kyung (Law)	Graduation Exam
Center for Entrepreneurship	Entrepreneurship	Lee, HyungJune (Center for Entrepreneurship)	Exhibition/Presentation

* Only for students who applied interdisciplinary major before the fall 2018 semester

** Only for students who applied interdisciplinary major before the fall 2019 semester

*** Only for students who applied interdisciplinary major before the fall 2020 semester

※ Before submitting the graduation thesis for Management for Science and Technology, students must register for "CEO Lecture Series in Business Policy (22232)," which is not included in credits for completing a minor or double major, or else

※ To submit the graduation thesis for the Multimedia major, students must include the "Premier Workshop Certificate" which is held every fall semester from the Education Technology department.

※ Please check with the corresponding department office beforehand, as the head professor could change due to a change of assignment.

7. Guide to Certification Program

A. English and IT Certification Program

1) If students already have a certain required qualification in English or computer skills, they may receive credit recognition and a certificate when graduating.

2) Only currently enrolled students can register. Students on a leave of absence may not register.

3) Registration Period and Method

A) Registration period: Twice every year: Spring – late April; Fall – late October

※ Twice every year: Spring – late April; Fall – late October

※ For a specific schedule refer to Ewha Homepage (Korean)→ 학사안내→ 학사일정.

B) How to register: Register at MyEureka (Academic affairs → Grade → Application and inquiry for credit bank) and submit related documents to the college office.

C) Documents for submission: The original and one copy of certified language proficiency test results, or a Certified License. (The original will be returned after verifying the copy.)

D) Up to 6 credits may be awarded for Certification Test courses, including 3 credits for the Test of English Proficiency and 3 for the Test of Proficiency in Computer Skills. Credits awarded for proficiency in English and/or computer skill are not included in the number of credits per semester.

4) Standards for award of credit

A) English certification: If a student has obtained the following score on a certified language proficiency test within the last 2 years, 3 credits (grade S) for the Test of English Proficiency will be awarded. However, from 2012, a maximum of only 6 credits for exemption from College English, Advanced English and English Certification combined may be awarded. (Students who are exempt for both College English and Advanced English are not applicable for the English Certification Program)

Type		Students who entered after 2004
TOEFL	PBT	600
	CBT	250
	IBT	100
TOEIC		900

※ Only scores obtained after July 1, 2020 are valid for the 2022 Spring semester.

※ My Best Score in TOEFL can be awarded if each proficiency score is within the validity period.

B) Computer Skills: If students have passed a certified computer skills test acknowledged by Ewha Womans University, 3 credits (grade: S) of Test of Proficiency in Computer Skills will be awarded. (Qualification types and standards can be found at Ewha homepage (Korean) → 학사안내→ 학사정보→ 학점인정→ 영어및정보인증제.)

5) Special notes: credits for English and computer skills programs will be confirmed after verifying the score or qualification with the testing organization. If the Certified English Proficiency Test results or Certified License is found to be counterfeit, the student will receive disciplinary action.

6) Credits earned through English or computer skills certification will only be included in credits needed for graduation, but not counted towards a student's GPA.

7) For queries contact the Registrar's office (Tel: 02) 3277-2033).

B. Guide to Courses Accredited by the Board for Engineering Education of Korea

Students who participate in the intensive program of the Accreditation Board for Engineering Education of Korea (ABEEK) must complete the ABEEK courses offered for the Accreditation Board for Engineering Education of Korea program. However, as ABEEK courses designated as required courses are different for each graduating year, students should check the courses needed for each graduating year in the list of ABEEK courses. (Refer to 2) ABEEK courses below)

1) Period and Eligible Students

A) Period of application: after 2006

B) Eligible students: ELTEC College of Engineering Major in ABEEK courses / Engineering freshmen from 2006 onwards

C) Courses for Accreditation: Courses and classes marked "ABEEK" on the Comprehensive Schedule of Classes

2) ABEEK courses

A) Students graduating in 2023 (students who entered in 2017-2019): Architectural and Urban Systems Engineering

Type of Course/Field			School Year/ Semester	Course No.	Course Title	Credits		Notes
Special-ized Liberal Arts Courses	Ewha Jin-Sun-Mi (Humanity)		1/2	10023	The World & Christianity	3		Required
			1/1	11095	Sharing Leadership	2		Required to choose 1
				11252	Self-Understanding for Twenties	2		
				11253	Humanity for Sharing	2		
				11254	Love and Ethics in Human Relationships	2		
				11255	Homo-Empathicus and Community	2		
				11256	Utopia of Coexistence & Cooperation	2		
	Thinking and Expression		1/1	10021	Korean Language and Writing	3		Required
			2/1	11094	Reading Classics and Writing	2		Required
	Global Communication		1/1	10098	College English	3		Required
			1/2	10099	Advanced English	3		Required to choose 1
			1/1	-	Second Foreign Language I	2	4	
			1/2	-	Second Foreign Language II	2		
	Converge nce	Literature and Language	-	-	Choose freely	3		Required to choose 3 fields
		Expression and Arts	-	-	Choose freely	3		

Type of Course/Field			School Year/ Semester	Course No.	Course Title	Cre-dits	Notes
		History and Philosophy	-	-	Choose freely	3	
		The Human and Society	-	-	Choose freely	3	
		Science and Technology	-	-	Choose freely	3	
		Convergence Basic	-	-	Choose freely	3	Required to take 3 credits, Introduction to IT Convergence Engineering (11208) recommended
	Required for Certification (1 credit)		3/1	36340	Global Woman Engineer and Entrepreneurship	1	Required**
	Total completed credits		11 (12) courses			29 (30)	-
MSC*			Major foundation course for students graduating in 2021~2023			Must register for class marked with affiliated major (college) ***	
Major			Major course for students graduating in 2021~2023				

* MSC (Mathematics, Science, Computer): Mathematics, Basic Science, and Computer courses

** <Global Woman Engineer and Entrepreneurship> is changed 'Required' into 'Elective' for students entered in or after 2018

*** For example, Architectural and Urban Systems Engineering Freshmen must register for the class which is marked "Architectural and Urban Systems Engineering 1" in the notes column of the comprehensive schedule.

B) Students graduating after 2024 (students entering after 2020): Architectural and Urban Systems Engineering

Type of Course/Field			School Year/ Semester	Course No.	Course Title	Cre-dits	Notes
Special-ized Liberal Arts Courses	Ewha Jin-Sun-Mi (Humanity)		1/2	10023	The World & Christianity	3	Required
	Thinking and Expression		1/1	11352	Integrated Thinking and Writing	3	Required
	Global Communication		1/1	10098	College English	3	Required
			1/2	10099	Advanced English	3	Required
	Computational and Mathematical Reasoning		-	-	Choose freely	3	Required
	Convergence Basic	Literature and Language	-	-	Choose freely	3	Required to choose 4 fields
		Expression and Arts	-	-	Choose freely	3	
		History and Philosophy	-	-	Choose freely	3	
		The Human and Society	-	-	Choose freely	3	
		Science and Technology	-	-	Choose freely	3	
MSC*			Major foundation course for students graduating after 2024			Must register for class marked with affiliated major (college) **	
Major			Major course for students graduating after 2024				

* MSC (Mathematics, Science, Computer): Mathematics, Basic Science, and Computer courses

** For example, Architectural and Urban Systems Engineering Freshmen must register for the class which is marked "Architectural and Urban Systems Engineering 1" in the notes column of the comprehensive schedule.

3) Although following courses are not ABEEK Courses, students must complete the courses in order to graduate. The courses are: <Sharing Leadership>, <Self-Understanding for Twenties>, <Humanity for Sharing>, <Love and Ethics in Human Relationships>, <Homo-Empathicus and Community>, <Utopia of Coexistence & Cooperation> among Specialized Liberal Arts Courses

4) For queries contact: Ewha Center for Innovation in Engineering Education (Tel: 02) 3277-4424/4209) or refer to the ABEEK guidebook.

C. HOKMA Certification System

HOKMA Certification System was prepared by Hokma College of General Education to strengthen core competences of general education and promote self-initiated man-power development. The certificate is awarded to the student who satisfies certification requirements by completing subjects designated by H-Certification and participating in non-subject activities. The certificate is the data that you are a wise talented person of reconciliations with various capabilities in entering into society.

1) Types and Goals of H-Certification System

Type	H-Sharing activities Certification	H-Certification in Reading Literacy	H-artizen Culture & Art Certification
Objectives	Training healthy talented persons with the whole personality and ability to reflect on themselves, control themselves, and communicate, coexist, and sympathize with others by strengthening and extending personality education into all sectors of wisdom, virtue, and health.	Training creative and competent talented persons with the ability to think and express things critically and introspectively by strengthening the thinking and expressing capabilities through reading books.	Learning professional knowledge of culture and art, developing students' artistic sensibility and creativity by evaluating the students who actively participate in cultural and artistic activities including their interest and ability, and promoting career development to help citizens be artistic and get jobs related to culture and art.

2) Steps of H-Certification System

STEP 1	▶	STEP 2	▶	STEP 3	▶	STEP 4	▶	STEP 5
Completing subjects and participating in programs.		Checking if certification requirements are satisfied in THE Portfolio.		Applying for certification by attaching non-subject activity reports by certification to THE Portfolio.		The Certification Committee approves certification after screening the certification requirements.		Printing the H-certificate

A) H-Sharing Activities Certification

(1) The student who wants certification takes courses of subjects required to obtain H-Sharing Activities Certification and participates in non-subject programs related to various types of personality education as well as programs hosted by the personality education room of Hokma College of General Education.

- The completion results of the subjects and the programs hosted by the personality education room of Hokma College of General Education are automatically updated in THE포트폴리오 (THE Portfolio) > THE학습(THE Learning) > 인증관리 (Certification Management) > 호크마인증(H-Certification) > 나눔인증 현황(Status of H-Sharing Activities Certification).

(2) If the student arranges external non-subject activities, Submit the non-subject activity report to THE Portfolio (THE포트폴리오), 외부비교과 등록(External Non-subject Registration).

- For other external programs, the student must directly process application for certification on the THE Portfolio site. (Download the application form on the notice board and fill it out. Create the content in THE포트폴리오 비교과활동(THE Portfolio Non-subject Activities) > 외부비교과등록(External Non-subject Registration) and attach the application to the Certification (Authentication) File.

(3) Check if the certification requirements are satisfied in THE Portfolio Certification Management finally and apply for H-Sharing Activities Certification.

(4) Screen the student's requirements and finally approve certification by opening the Certification Committee in the end of every semester.

(5) Print the certificate in the page of certification management.

B) H-Certification in Reading Literacy

(1) The student who wants certification takes courses of subjects required to obtain H-Certification in Reading Literacy and participates in non-subject programs related to various types of thinking and expression education (Related to reading and debate) as well as programs hosted by the thinking and expression education room of Hokma College of General Education.

- The completion results of the subjects and the programs hosted by the thinking and expression education room of Hokma College of General Education are automatically updated in THE포트폴리오(THE Portfolio) > THE학습(THE Learning) > 인증관리(Certification Management) > 호크마인증(H-Certification) > 독서인증 현황(Status of H-Certification in Reading Literacy).

(2) If the student arranges reading and debate activities approved by the H-Certification in Reading Literacy Committee or external non-subject activities, Submit the non-subject activity report to THE Portfolio (THE포트폴리오), 외부비교과 등록(External Nonsubject Registration).

- For other external programs, the student must directly process application for certification on the THE Portfolio site. (Download the application form on the notice board and fill it out. Create the content in THE포트폴리오 비교과활동 (THE Portfolio Nonsubject Activities) > 외부비교과등록(External Nonsubject Registration) and attach the application to the Certification (Authentication) File.
- Reading and debate activity standard approved by the H-Certification in Reading Literacy Committee: Students' self-directed reading discussion groups and on-campus reading club activities. Excluding off-campus reading discussion groups. If you have been active for more than one year (at least 10 times) and submit an activity report on this, 25 points are awarded for external nonsubject activities.

(3) Check if the certification requirements are satisfied in THE Portfolio Certification Management finally and apply for H-Certification in Reading Literacy.

(4) Screen the student's requirements and finally approve certification by opening the Certification Committee in the end of every semester.

(5) Print the certificate in the page of certification management.

C) H-artizen Culture & Art Certification

(1) The student who wants certification takes courses of subjects required to obtain H-artizen Culture & Art Certification and participates in non-subject programs related to

various types of cultural and art education hosted by Hokma College of General Education, the Dance Research Institute, the Research Institute of Ceramics, the Ewha Womans University Museum, the Ewha Music Research Institute, the Center for the Performing Arts, and the Ewha Creative Academy.

- The completion results of the subjects and the programs hosted by Hokma College of General Education are automatically updated in THE포트폴리오(THE Portfolio) > THE 학습(THE Learning) > 인증관리(Certification Management) > 호크마인증(H-Certification) > 아티즌 문화예술인증 현황(Status of H-artizen Culture & Art Certification).
- For programs hosted by the intramural institutes except Hokma College of General Education, the programs that recruit the application through THE Portfolio are automatically updated in the status of H-artizen Culture & Art Certification. Or for the recruitment arranged by other methods, the student directly upload the participation certificate in the page of Nonsubject Registration after the events end.

3) **Important Dates:** H-Certification will be approved only once a semester.

A) End of January and July: Deadline for student certification application

B) End of February and August: Certification Committee evaluation

4) Requirement for H-Certification

A) H-Sharing activities Certification (Courses + Activities)

Students must complete courses 9 credits of elective courses specified in the certification system) + Nonsubject activities (More than 55 hours)

(1) **Subjects**: Complete 9 credits of 36 elective courses specified in the certification system.

<Table 1. Courses for H-Sharing activities Certification>

Category	Course Title	Course No.	Course Area	Cre-dits	Hrs.	Major
Elective	Christianity and the World	10023	Ewha Jin-Sun-Mi	3	3	Christian Studies
	Sharing Leadership	11095		2	3	HOKMA College of General Education
	Understanding for Twenties	11252		2	3	HOKMA College of General Education
	Humanity for Sharing	11253		2	3	HOKMA College of General Education
	Love and Ethics in Human Relationships	11254		2	3	HOKMA College of General Education
	Homo-Empathicus and Community	11255		2	3	HOKMA College of General Education
	Utopia of Coexistence & Cooperation	11256		2	3	HOKMA College of General Education
	SHARE Leadership of Coexistence	11349		3	3	HOKMA College of General Education
	SHARE Community Gardening	11350		3	3	HOKMA College of General Education

Category	Course Title	Course No.	Course Area	Cre-dits	Hrs.	Major
	Ethics of Human Rights: Justice and Love	11363	Electives (Future Planning)	3	3	HOKMA College of General Education
	Share and Social Design	11199		3	3	HOKMA College of General Education
	Social Service Activity for the Students I	10575		1	2	Office of Student Affairs
	Social Service Activity for the Students II	10578		1	2	Office of Student Affairs
	Social Service Activity for the Students III	10579		1	2	Office of Student Affairs
	Looking in to the World from the Perspective of Humanities	10956	Electives (Free Electives)	1	1.5	Ewha Institute for the Humanities
	University Chorus for All Majors	10650		3	3	Voice
	Exercise and Emotional Control	11088		3	3	Kinesiology & Sports Studies
	Life and Philosophy	10138		3	3	Philosophy
	Philosophical Counseling and Practice	11049		3	3	Philosophy
	Contemporary Culture and Christianity	10024		3	3	Christian Studies
	Global Urban Ecology	11339		3	3	HOKMA College of General Education
	Human Development and Cultural Diversity	10903	Convergence General (Human and Society)	3	3	Social welfare
	Travel and Geography in the Context of Globalization	11089		3	3	Social Studies Education
	Environment and Human	10181		3	3	Life Sciences
	Bioethics and Law	10573		3	3	Law
	Law and Gender	11193		3	3	Law
	The Understanding of Human Being in East and West	11046	Convergence General (History and Philosophy)	3	3	Philosophy
	Dialogue to Nature – Environmental Ecology	11156	Convergence General (Science and Technology)	3	3	Environmental Science and Engineering
	Environmental Disasters and International	11157		3	3	Environmental Science and Engineering
	Scientific Literacy for Global Citizenry	10776		3	3	Science Education
	The Arts and Human of 21th Century	11107	Convergence General(Art	3	3	Ewha Institute for the Humanities

Category	Course Title	Course No.	Course Area	Cre-dits	Hrs.	Major
			and Expression)			
	Interpersonal Relationships and the Self	33491	-	3	3	Christian Studies
	Global community physical activity service	37297	-	1	1.5	Kinesiology & Sports Studies
	Educational Practicum	36937	-	2	-	Education
		37006	-	2	-	Education
	Volunteerism	34953	-	3	3	Social welfare
	Developmental Psychology of Adolescence	36026	-	3	3	Psychology

(2) **Nonsubject activities**: Approve Students' self-initiated non-subject activities as points. Activities for more than 55 hours.

<Table 2. Approved Activities for H-Sharing activities Certification>

Program	Requirement	Notes
Social Service Team	Proof of the hours recorded in <the social service activity certification system> of the social service team.	Calculate the sum of the hours recorded in the social service activity certification system.
HOKMA College of General Education Personality Education	Participate in the personality education program of Hokma College of General Education. - All the events can be approved as maximum 15 hours. - Certification hours about new programs are decided by the H-Sharing Activities Certification Committee.	<Ewha Sharing Contest> - Participation: Is approved as 5 hours
		<Ewha Personality Camp> - 1 night 2 days → 10 hours approved - 2 night 3 days → 15 hours approved
		<Ewha Personality Workshop> - Less than 5 hours → 2 hours approved - 5 to 10 hours → 5 hours approved - More than 10 hours → 10 hours approved
Intramural and extracurricular activities approved by H-Sharing Activities Certification	Among the social activities that the certificates are not issued, the activities that students play a leading role.	- Participation in and planning of social enterprises or cooperative societies. - Planning and practicing new student-led service (Group) * Hours will be counted and approved by H-Sharing activities Certification Committee.

*** How to prepare and submit the intramural and extracurricular activity report.**

- Content: Participation in and planning of social enterprises or cooperative societies, Planning and practice of new student-led service (Group), etc.
- Quantity: Limitlessness
- Evaluation standard: The H-Sharing Activities Certification Committee decides to approve activities.
- How to submit: THE포트폴리오 공지사항 (THE Portfolio Notice Board) > H-인증 활동보고서 서식

(H-Certification Activity Report Form) > H-나눔 활동보고서 서식 다운로드(Download the H-Sharing Activity Report Form.) > Fill out the application form and register it in THE포트폴리오(THE Portfolio) > THE학습(THE Learning) > 비교과활동(Nonsubject Activities) > 외부비교과등록(External Nonsubject Registration) > 등록(Registration)

B) H-Certification in Reading Literacy requirements (Subjects + Nonsubjects)

Students must complete courses (1 required course + 2 courses from elective courses, more than 8 credits 15 points per course and minimum 45 points)
+ Nonsubject activities (More than 2 activities, minimum 25 points)
⇒ More than 70 points total

(1) **Students must complete courses**: Choose 1 required course from Thinking and Expression and 2 courses from Elective Courses

<Table 3. Designated Courses for H-Certification in Reading Literacy>

Category	Course Title	Course No.	Course Area	Cre-dits	Hrs.	Major
Required	Reading Classics and Writing	11094	Thinking and Expression	2	3	HOKMA College of General Education
	Dynamism in Reading and Writing	11248		2	3	HOKMA College of General Education
	Questions for History and Philosophy	11249		2	3	HOKMA College of General Education
	Cyborg and Power of Image	11250		2	3	HOKMA College of General Education
	Integrated Thinking and Writing	11352		3	3	HOKMA College of General Education
Elective	Travel Writing and World Insight	11109	Convergence General (Literature and Language)	3	3	Ewha Institute for the Humanities
	Fantastic Literature	10896		3	3	German Language and Literature
	Modern and Postmodern Culture	10769	Convergence General (History and Philosophy)	3	3	German Language and Literature
	Metaphors in Philosophy	11189		3	3	Ewha Institute for the Humanities
	Asian Women in the Glocal Era	10914	Convergence General (Human and Society)	3	3	Women's Studies
	The Encounter Between Classics and Contemporary Questions	11251	Electives (Free Electives)	3	3	HOKMA College of General Education
	Masterpiece Reading & Fine Composition Writing	10721		3	3	Korean Language and Literature
	Comparative Aesthetics	10898		3	3	Philosophy
	Reading in Social Sciences	33497	Major foundation	3	3	College of Social Sciences

(2) **Nonsubject activities**: Approve Students' self-initiated nonsubject activities as points, Obtain more than 25 points total.

<Table 4. Nonsubject activities approved by H-Certification in Reading Literacy>

Program	Requirement	Point	Remarks
Ecrire @ Ewha	Participation	15 points	Activities required for specific participation (Reading books and writing)
Book concert	Prepare the report of about a 44-size page after participating in it.	- Participation : 10 points - Submit the report after participating in it: Additional 5 points	Activities to ask questions and debate after listening lectures.
Reading and debate forum	Activities in reading and debate forums for more than one year (More than 10 times) can be approved. *Submit the Reading and Debate Activity Report.	25 points	Students' self-initiated activities
Intramural and extracurricular activities approved by H-Certification in Reading Literacy	Participation in other Intramural events related to reading and debate or nonsubject activities	Points are decided by the H-Certification in Reading Literacy Committee.	Prepare and submit the intramural and extracurricular activity report.

* How to prepare and submit the Book-Concert reports (Download the activity report form at THE Portfolio notice board)

- Download the Book Concert Participation Report form in THE포트폴리오 공지사항(THE Portfolio Notice Board) > H-인증 활동보고서 서식(H-Certification Activity Report Form) > 북콘서트 참가보고서 서식(Book Concert Participation Report Form) and fill it out.
- How to submit: Students with their qualifications individually prepare and register the report in THE포트폴리오(THE Portfolio) > THE학습(THE Learning) > 비교과활동(Nonsubject Activities) > 교내비교과신청(Application for intramural nonsubjects) > 나의 신청현황 (My application status) > 북콘서트 (Book Concert) > 등록(Registration)

* How to prepare and submit the reading and debate activity form

- Download the H-reading activity report from in THE포트폴리오 공지사항(THE Portfolio Notice Board) H-인증 활동보고서 서식(H-Certification activity report form) > H-독서활동보고서 양식(H-Certification reading activity report form).
- Content: The report should include forum schedules, place, titles and authors of books, lists of participants, and debate topics.
- Quantity: Less than half of a A4 size paper per forum
- Evaluation standard: Students' self-directed reading discussion groups and on-campus reading club activities. Excluding off-campus reading discussion groups. If you have been active for more than one year (at least 10 times) and submit an activity report on this, 25 points are awarded for

external nonsubject activities.

- How to submit: Fill out the applicable application form and register it in THE포트폴리오(THE Portfolio) > THE학습(THE Learning) > 비교과활동(Nonsubject activities) > 외부비교과등록(External nonsubject registration) > 등록(Registration)

C) H-artizen Culture & Art Certification requirements (Subjects + Nonsubjects)

Students must complete courses (10 credits of courses specified in the certification system. more than 3 courses of 3 credits are required) **+ Nonsubject activities** (Obtain minimum 20 points).

(1) **Students must complete courses**: 10 credits of courses specified in the certification system. More than 3 courses of 3 credits are required.

<Table 5. Approved Activities for H-artizen Culture & Art Certification>

Category	Course Title	Course No.	Course Area	Cre-dits	Hrs.	Major
Music	Introduction to Opera Appreciation	10101	Elective (Free Electives)	3	3	Voice
	Ewha Glee Club I	10655		3	3	Voice
	Ewha Glee Club II	10656		3	3	Voice
	K-MOOC: Music and Science/Technology	11239		3	3	Content Convergence
	Introduction to World Music and Culture	11116	Convergence General (Art and Expression)	3	3	International Studies
	Introduction to Western Art Music	10073		3	3	Composition
Visual Art - theory	Introduction to History of Western Art	10072	Convergence General (Art and Expression)	3	3	History of Art
	Introduction to History of Korean Art	10152		3	3	History of Art
	Introduction to History of Eastern Art	10033		3	3	History of Art
	History of Contemporary Art	10165		3	3	History of Art
	Women and Art	10090		3	3	History of Art
	Art and Thought	10100		3	3	Philosophy
	Things and Arts	11135		3	3	Division of Fine Arts
	Aesthetics and Art	11083		3	3	Division of Fine Arts
	Visual Image and Gender	10908	Convergence General (Human and Society)	3	3	Ewha Institute for the Humanities
	Understanding of Modern Korean Art	10900	Electives (Free Electives)	3	3	History of Art
	History of Ceramics	11090		3	3	History of Art
	Art and Society	10912		3	3	Sociology
	Cinema Arts and English	10643		3	3	HOKMA College of General Education

Category	Course Title	Course No.	Course Area	Cre-dits	Hrs.	Major
Visual Art - Practice	The Basis and Application of Drawing	11244	Electives (Free Electives)	3	3	Art and Design
	Designing with Korean paintings	11245		3	3	Division of Fine Arts
	Masterpiece; Drawing and Understanding	11246		3	3	Division of Fine Arts
	Introduction to Oriental Paintings;Basic and Applications of Drawing	11247		3	3	Division of Fine Arts
	Contemporary Photography	11164	Convergence General (Art and Expression)	3	3	HOKMA College of General Education
Performing art	Why people dance?	11114	Convergence General (Human and Society)	3	3	Department of Dance
	Understanding Dance	10576	Convergence General (Art and Expression)	3	3	Department of Dance
	Women's Bodies and Creative Movements	11113		3	3	Women's Studies
	Theory and Practice of Theatre	10097		3	3	English Language & Literature
	Performance Studies: Ritual,Play,Theatre	11035		3	3	English Language & Literature
	Dance and Meditation	10834	Electives (Free Electives)	1	1.5	Department of Dance
	Jazz Dance	10591		1	1.5	Department of Dance
	Traditional Mask Dance of Korea	10926		1	1.5	Department of Dance
	Musical Ballet	10924		1	1.5	Department of Dance
Business Management of Art	Understanding Cultural Policy and Arts & Cultural Education	11127	Electives (Future Planning)	2	2	Keyboard Instruments
	Arts and cultural management	11200		3	3	Ewha center for the Performing Arts

※ K-mooc courses are excluded from certification courses, and only if the same subject is opened offline (ex: Music and Science/Technology)

(2) **Nonsubject activities (Elective)**: Stduents' self-initiated activities of nonsubject educational programs are approved. Obtain more than 20 points total.

<Table 6. Nonsubject activities approved by H-artizen Culture & Art Certification>

Program	Requirement	Point	Remarks
Intramural music/art/dance/ play/photo/movie club activities	Activity report of more than one year	15 points	If there are the officially registered clubs, approval by the Certification Committee is later required. *Submit the H-artizen Activity Report
Events related to culture and art hosted by Hokma College of General Education	<Ewha Communitas Theatre Festival> Proof of participation and the report of a A4-size paper	10 points (10 points when participating in the events as the main agents, 5 points when participating in them as audience)	Other cultural and art events approved by the Certification Committee and hosted by Hokma College of General Education
Intramural and extracurricular special lectures, symposiums, practice/practical training workshop related to culture and art	Proof of participation and the report of a A4-size paper	5 points when participating in an event one time	Intramural hosts: The Dance Research Institute, the Research Institute of Ceramics, the Ewha Womans University Museum, the Ewha Music Research Institute, the Center for the Performing Arts, the Ewha Creative Academy, etc.
Extracurricular cultural and art events including exhibitions, performances, concerts, plays/musicals, film festivals, etc.	Present events' official leaflets(Or URL of the web sites to produce the events) and submit the report of more than 3 A4-size pages (More than 3 pages) (More than 10 times)	20 points (Events for encouraging the diversity of experiences / Two times per program are just approved.)	SEOUL International Women's Film Festival, Busan International Film Festival, Jeonju International Film Festival, Jecheon International Music&Film Festival, Bucheon International Fantastic Film Festival, Seoul Human Rights Film Festival, Film Festival for Women's rights, Seoul disabled people right's film festival, Seoul International Cartoon & Animation Festival, Arthouse MoMo Film Festival, etc.
Participation in Intramural and extracurricular contests, competitions, and concours related to culture and art	Submit the documents that prove participation in the contests and the awards.	10 points	
Intramural and extracurricular activities approved by the H-artizen Certification Committee.	Participation in other intramural events related to culture and art or external nonsubject activities	Approval of point is decided by the H-Certification Committee.	Prepare and submit the intramural and extracurricular activity report.

*** How to prepare and submit the intramural and extracurricular activity report**

- Content: Participate in programs related to intramural and extracurricular culture and art and prepare the reports after the activity.
- Quantity: Prepare the report by referring to requirement contents by H-artizen nonsubjects Certification
- Evaluation standard: Approval of the activity is decided by the H-artizen Culture & Art Certification Committee.
- How to submit: Download the H-artizen Activity Report Form in THE포트폴리오 공지사항 (THEPortfolio Notice Board)>H-인증 활동보고서 서식(H-Certification Activity)>H-아티즌 활동보고서 서식(H-artizen Culture & Art Certification Activity Report Form)> Fill out the application form and register it in THE포트폴리오 (THE Portfolio)>THE학습 (THE Learning)>비교과활동 (Nonsubject Activities)>외부비교과등록 (External Nonsubject

※ But, For the programs hosted by Hokma College of General Education, register the form in the page of THEPortfolio of the applicable programs.

5) **Inquiry**: Hokma college of General Education ☎82-2-3277-6943

8. Other Important Details

1) Registering for courses opened to students by other majors/departments

A) Courses opened to students by other majors/departments for the spring semester of 2022 are listed at the bottom of each department's schedule of major courses. (All courses opened to students by other major/department this year and semester are listed regardless of the curricula for different entering years.)

B) Students should be careful when registering for courses opened to students by other majors/departments as these courses are only recognized as major credits based on the curriculum for their entering year. Courses changed or added to the curriculum after a student's entering year will also be acknowledged as major credits. **However, courses which were opened to students by other majors/departments before one's entrance year, but which are no longer acknowledged, will not be counted as major credits**.

C) For a list of courses opened to students by other majors/departments in each year of entrance, refer to Ewha homepage (Korean version)→ 유레카→ 마이유레카→ 학사행정→ 교과→ 타전공/학과인정교과목조회

D) When registering for these courses, confirm courses open by other majors/departments for your affiliated major/ department and the maximum number of recognized credits (limited to certain majors) by consulting your academic advisor.

2) Registering for same courses offered by different major

In case a course is offered by different majors/department yet share the course title and the course number, it will be recognized as a same course. Class registration should be planned carefully and completed within the specified period.

9. Courses available in the Summer Session, 2022

Course No.	Course Title	Hrs./ Cred.	Course Type	Hosting Major(Department)
10021	Korean Language and Writing	3 / 3	Thinking and Expression	Korean Language and Literature
11036	Chinese I	3 / 2	Global Communication	Chinese Language and Literature
11037	Chinese II	3 / 2	Global Communication	
10149	Understanding of Modern and Contemporary Korean History	3 / 3	Convergence General (History and Philosophy)	History
10023	Christianity and the World	3 / 3	Ewha Jin-Sun-Mi	Christian Studies
10165	History of Contemporary Art	3 / 3	Convergence General (Art And Expression)	History of Art
10910	The Psychology of Risk Judgment	3 / 3	Convergence General (Science and Technology)	Psychology
11309	Problem Solving and Software Programming	3 / 3	Computational and Mathematical Reasoning	Computer Science and Engineering
11210	Understanding and Practice of School Communication	3 / 3	Computational and Mathematical Reasoning	Korean Language Education
11202	Storytelling and Writing	3 / 3	Thinking and Expression	Content Convergence
11203	Global Business Communication	3 / 3	Global Communication	International Office Administration
11212	Global Career Development and Entrepreneurship	3 / 3	Electives (Future Planning)	
10011	Family Health and Nursing	3 / 3	Convergence General (The Human and Society)	Nursing
10098	College English	3 / 3	Global Communication	HOKMA College of General Education
10099	Advanced English	3 / 3	Global Communication	
11094	Reading Classics and Writing	3 / 2	Thinking and Expression	
10571	Spanish	3 / 3	Global Communication	
11380	Combat Commandolog II	/ 1	Electives (Future Planning)	Reserve Officers' Training Corps

Course No.	Course Title	Hrs./ Cred.	Course Type	Hosting Major(Department)
11381	Combat Commandolog III	/ 1	Electives (Future Planning)	
38684	Startup Internship	- / 2	Major Elective	Entrepreneurship
38840	Startup Hackathon Camp	45 / 3	Major Elective	

10. Guide to Completing Courses by College

A. The College of Social Sciences

- **Major foundation courses for students entered in 2012~2019**
  - Common optional courses: complete 3 credits

Course No.	Course Title	Hours	Credits
33497	Reading in Social Sciences	3	3

※ Not be recognized as a major foundation course or a major course for students entered in or after 2020.

- **Common courses for Communication & Media students entered in 2015~2019**

Course No.	Course Title	Hours	Credits	Notes
37540	Media Writing and Public Speaking	3	3	Required
36029	Mass Media and Society	3	3	Required
34691	Media Research Method	3	3	Required
36042	Public Relations & Communication	3	3	
36041	Understanding Advertising	3	3	
36048	Introduction to Broadcasting	3	3	
36032	Journalism and Society	3	3	
36030	Human Communication	3	3	
35774	Introduction to Digital Media Environment	3	3	
33759	Psychological Approach to Mass Communication	3	3	
37325	Philosophy of Journalism	3	3	
34723	Theories in Visual Communication	3	3	
33286	Information Society & New Media	3	3	
20309	Theories of Mass Communication	3	3	
37542	Introduction to Interactive Media	3	3	
36052	Phenemena & Meaning making	3	3	
35134	Announcing and Reporting	3	3	
37544	Media and Gender	3	3	
36038	Debates and Argumentation	3	3	
20307	Global Communication	3	3	
37546	Intercultural Communication	3	3	

- **Requisites for Communication & Media students entered in or after 2020**

Course No.	Course Title	Hours	Credits	Notes
37540	Media Writing and Public Speaking	3	3	Required
36029	Communication and Society	3	3	Required

Course No.	Course Title	Hours	Credits	Notes
34691	Media Research Method	3	3	Required

B. The College of Natural Sciences

- **Major foundation courses for students entered after 2008**
  - Common optional courses: complete 12 credits

Course No.	Course Title	Hours	Credits	Hosting Major
20407	Calculus I	3	3	Mathematics
20408	Calculus II	3	3	Mathematics
20406	Calculus	3	3	Mathematics
20424	Statistics I	3	3	Statistics
20425	Statistics II	3	3	Statistics
34980	Probability and Statistics	3	3	Statistics
20409	General Physics I	3	3	Physics
30002	General Physics II	3	3	Physics
20410	General Physics Laboratory I	1.5	1	Physics
20411	General Physics Laboratory II	1.5	1	Physics
30001	General Physics	3	3	Physics
20416	General Chemistry I	3	3	Chemistry&Nanoscience
20417	General Chemistry II	3	3	Chemistry&Nanoscience
20418	General Chemistry : Laboratory Work I	1.5	1	Chemistry&Nanoscience
20419	General Chemistry : Laboratory Work II	1.5	1	Chemistry&Nanoscience
20415	General Chemistry	3	3	Chemistry&Nanoscience
20413	General Biology I	3	3	Life Sciences
20414	General Biology II	3	3	Life Sciences
33332	General Biology: Laboratory Work I	1.5	1	Life Sciences
33333	General Biology: Laboratory Work II	1.5	1	Life Sciences
20412	General Biology	3	3	Life Sciences

* Out of the major foundation courses of 5 majors, students must complete more than 1 course of 3 credits among 3 majors for a total of 4 courses, completing more than 12 credits.

* Major foundation course I and a single semester course (Course no. 20406 & 20407, 20424 & 34980, 20409 & 30001, 20415 & 20416 and 20412 & 20413) cannot be dually acknowledged.

C. The ELTEC College of Engineering, Engineering College

- **Major foundation courses for students entered in or after 2020**
  - **Division of Software Science and Engineering**
    - Computer Science and Engineering: complete 32 credits (12 courses)

Course No.	Course Title	Hours	Credits	Notes
20410	General Physics Laboratory I	1.5	1	Required
20479	Discrete Mathematics	3	3	Required
35339	Object-Oriented Programming	3	3	Required
35914	Java Programming and Labs	3	4.5	Required
38758	Software Leadership Seminar I	1	1	Required
20406	Calculus	3	3	Required
20407	Calculus I	3	3	Choose 1
30001	General Physics	3	3	Required
20409	General Physics I	3	3	Choose 1
20412	General Biology	3	3	
20415	General Chemistry	3	3	
20413	General Biology I	3	3	Required
20416	General Chemistry I	3	3	Choose 1
30002	General Physics II	3	3	
36339	Computer Programming & Lab	3	3	Required
38407	C Programming and Lab	3	3	Choose 1
20441	Linear Algebra I	4.5	3	
36341	Engineering Mathematics	3	3	
20454	Theory of Integers	3	3	Required
34980	Probability and Statistics	3	3	Choose 2
20642	Numerical Methods	3	3	

    - Cyber Security: complete 31 credits (11 courses)

Course No.	Course Title	Hours	Credits	Notes
20410	General Physics Laboratory I	1.5	1	Required
20441	Linear Algebra I	4.5	3	Required
34980	Probability and Statistics	3	3	Required
20479	Discrete Mathematics	3	3	Required
38411	Object Oriented Programming & Lab in Java	4.5	3	Required
20454	Theory of Integers	3	3	Required
35339	Object-Oriented Programming	3	3	Required
20406	Calculus	3	3	Required
20407	Calculus I	3	3	Choose 1
30001	General Physics	3	3	Required
20409	General Physics I	3	3	Choose 1
36339	Computer Programming & Lab	3	3	Required
38407	C Programming and Lab	3	3	Choose 1
20412	General Biology	3	3	
20415	General Chemistry	3	3	
20413	General Biology I	3	3	Required
20416	General Chemistry I	3	3	Choose 1
30002	General Physics II	3	3	

- **Division of Advanced Technology**
  - Electronic and Electrical Engineering: complete 30 credits (11 courses)

Course No.	Course Title	Hours	Credits	Notes
20406	Calculus	3	3	Required
20410	General Physics Laboratory I	1.5	1	Required
20411	General Physics Laboratory II	1.5	1	Required
30002	General Physics II	3	3	Required
36341	Engineering Mathematics	3	3	Required
36563	Applied Mathematics and exercise	4.5	4	Required
37275	Advanced Programming for Electronics Engineering	3	3	Required
38412	Linear System Mathematics	3	3	Required
38413	Numerical Analysis for Electronic Engineers	3	3	Required
20409	General Physics I	3	3	Required
30001	General Physics	3	3	Choose 1
37412	Introduction to programming	3	3	Required
36339	Computer Programming&Lab	3	3	Choose 1

  - Food Science and Biotechnology: 29 credits (11 courses)

Course No.	Course Title	Hours	Credits	Notes
20406	Calculus	3	3	Required
20416	General Chemistry Ⅰ	3	3	Required
20418	General Chemistry:Laboratory Work Ⅰ	1.5	1	Required
37280	Elementary Physics	3	3	Required Choose 1
20412	General Biology	3	3	
30001	General Physics	3	3	
20417	General Chemistry Ⅱ	3	3	Required
20419	General Chemistry:Laboratory Work Ⅱ	1.5	1	Required
37834	Engineering Physical Chemistry I	3	3	Required
38415	Food Process Mathematics	3	3	Required
36339	Computer Programming & Lab	3	3	Required
38767	Statistical Data Analysis in Food Science & Engineering	3	3	Required
36811	Organic Chemistry I	3	3	Required

  - Chemical Engineering and Materials Science: complete 32 credits (12 courses)

Course No.	Course Title	Hours	Credits	Notes
20416	General Chemistry I	3	3	Required
20418	General Chemistry: Laboratory Work I	1.5	1	Required
36339	Computer Programming & Lab	3	3	Required
20406	Calculus	3	3	Required
20417	General Chemistry II	3	3	Required
20419	General Chemistry: Laboratory Work Ⅱ	1.5	1	Required
36341	Engineer Mathematics	3	3	Required
35952	Elementary Biology	3	3	Required
30001	General Physics	3	3	Choose 1
38776	Chemical Engineering Mathematics	3	3	Required
37834	Engineering Physical Chemistry I	3	3	Required
37836	Engineering Physical Chemistry Ⅱ	3	3	Required
37508	Chemical Engineering Thermodynamics	3	3	Required

- **Division of Sustainable Systems Engineering**
  - Architecture: complete 15 credits (5 courses)

Course No.	Course Title	Hours	Credits	Notes
38470	Fundamental Design	3	3	Required
38469	Introduction to Architecture	3	3	Required
38404	Introduction to Architectural Thinking	3	3	Required
20406	Calculus	3	3	Required Choose 1
20409	General Physics I	3	3	
30001	General Physics	3	3	
20416	General Chemistry I	3	3	
20415	General Chemistry	3	3	
20413	General Biology I	3	3	
20412	General Biology	3	3	
34980	Probability and Statistics	3	3	
36341	Engineering Mathematics	3	3	
38405	Architectural Computer Programming & Lab	3	3	Required Choose 1
36339	Computer Programming & Lab	3	3	

  - Architectural and Urban Systems Engineering: complete 35 credits (13 courses)

Course No.	Course Title	Hours	Credits	Notes
20409	General Physics I	3	3	Required
30001	General Physics	3	3	Choose 1
20410	General Physics Laboratory I	1.5	1	Required
20416	General Chemistry I	3	3	Required
20415	General Chemistry	3	3	Choose 1
20418	General Chemistry Laboratory I*	1.5	1	Required
38419	Introduction to architectural and urban systems engineering	3	3	Required
20406	Calculus	3	3	Required
34980	Probability and Statistics	3	3	Required
38418	Architectural and urban systems Computer Programming	3	3	Required Choose 1
36339	Computer Programming & Lab	3	3	
38420	Engineering communication	3	3	Required
36341	Engineering Mathematics	3	3	Required
38421	Introduction to mechanics	3	3	Required
37287	Building information modeling and applications	3	3	Required
38422	Computational numerical analysis	3	3	Required

*<20418 General Chemistry Laboratory I> is excluded for students entered in or after 2021 (complete 35 credits(13 courses) → complete 34 credits(12 courses))

  - Environmental Science and Engineering: complete 29 credits (11 courses)

Course No.	Course Title	Hours	Credits	Notes
20415	General Chemistry	3	3	Required
20418	General Chemistry : Laboratory Work I	1.5	1	Required
20406	Calculus	3	3	Required
20407	Calculus I	3	3	Choose 1
30001	General Physics	3	3	Required
20409	General Physics I	3	3	Choose 1

Course No.	Course Title	Hours	Credits	Notes
37280	Elementary Physics	3	3	
20417	General Chemistry II	3	3	Required
20419	General Chemistry : Laboratory Work II	1.5	1	Required
35952	Elementary Biology	3	3	Required Choose 1
20412	General Biology	3	3	
20413	General Biology I	3	3	
36341	Engineering Mathematics	3	3	Required
34980	Probability and Statistics	3	3	Required
36343	Basic Principle in Process Calculation	3	3	Required
36339	Computer Programming & Lab	3	3	Required

- Climate and Energy Systems Engineering: complete 27 credits (9 courses)

Course No.	Course Title	Hours	Credits	Notes
20406	Calculus	3	3	Required
20407	Calculus I	3	3	Choose 1
20409	General Physics I	3	3	Required
30001	General Physics	3	3	Choose 1
20416	General Chemistry I	3	3	Required
20415	General Chemistry	3	3	Choose 1
36341	Engineering Mathematics	3	3	Required
36339	Computer Programming & Lab	3	3	Required
30002	General Physics II	3	3	Required
20441	Linear Algebra I	4.5	3	Required
34980	Probability and Statistics	3	3	Required
20642	Numerical Methods	3	3	Required

- **Division of Mechanical and Biomedical Engineering**
  - Division of Mechanical and Biomedical Engineering: complete 27 credits (10 courses)

Course No.	Course Title	Hours	Credits	Notes
36339	Computer Programming & Lab	3	3	Required
38412	Linear System Mathematics	3	3	Required
30001	General Physics	3	3	Required
20409	General Physics I	3	3	Choose 1
20410	General Physics Laboratory I	1.5	1	Required
20412	General Biology	3	3	Required
20413	General Biology I	3	3	Choose 1
38559	Introduction to Human, Mechanical and Biomedical Engineering	2	2	Required
20406	Calculus	3	3	Required
20407	Calculus I	3	3	Choose 1
34980	Probability and Statistics	3	3	Required
20642	Numerical Methods	3	3	Required
36341	Engineering Mathematics	3	3	Required

- **Major foundation courses for students entered in 2017~2019**
  - **Division of Software Science and Engineering**
    - Computer Science and Engineering: complete 32 credits (14 courses)

Course No.	Course Title	Hours	Credits	Notes
20410	General Physics Laboratory I	1.5	1	Required
38403	Python Programming and Lab	3	3	Required
20479	Discrete Mathematics	3	3	Required
35339	Object-Oriented Programming	3	3	Required
38408	Software Leadership Seminar I	1	1	Required
38409	Software Leadership Seminar II	1	1	Required
38410	Software Leadership Seminar III	1	1	Required
36340	Global Woman Engineer and Entrepreneurship*	1	1	Required*
20406	Calculus	3	3	Required
20407	Calculus I	3	3	Choose 1
30001	General Physics	3	3	Required
20409	General Physics I	3	3	Choose 1
20412	General Biology	3	3	Required Choose 1
20415	General Chemistry	3	3	
20413	General Biology I	3	3	
20416	General Chemistry I	3	3	
30002	General Physics II	3	3	
36339	Computer Programming & Lab	3	3	Required
38407	C Programming and Lab	3	3	Choose 1
20441	Linear Algebra I	4.5	3	Required Choose 2
36341	Engineering Mathematics	3	3	
20454	Theory of Integers	3	3	
34980	Probability and Statistics	3	3	
20642	Numerical Methods	3	3	

*<Global Woman Engineer and Entrepreneurship> is changed 'Required' into 'Elective' for students entered in or after 2018

- Cyber Security: complete 32 credits (12 courses)

Course No.	Course Title	Hours	Credits	Notes
20410	General Physics Laboratory I	1.5	1	Required
38403	Python Programming and Lab	3	3	Required
20441	Linear Algebra I	4.5	3	Required
34980	Probability and Statistics	3	3	Required
20479	Discrete Mathematics	3	3	Required
38411	Object Oriented Programming & Lab	4.5	3	Required
20454	Theory of Integers	3	3	Required
36340	Global Woman Engineer and Entrepreneurship*	1	1	Required *
20406	Calculus	3	3	Required
20407	Calculus I	3	3	Choose 1
30001	General Physics	3	3	Required
20409	General Physics I	3	3	Choose 1
36339	Computer Programming & Lab	3	3	Required
38407	C Programming and Lab	3	3	Choose 1
20412	General Biology	3	3	Required Choose 1
20415	General Chemistry	3	3	
20413	General Biology I	3	3	
20416	General Chemistry I	3	3	
30002	General Physics II	3	3	

*<Global Woman Engineer and Entrepreneurship> is changed 'Required' into 'Elective' for students entered in or after 2018

- **Division of Advanced Technology**
  - Electronic and Electrical Engineering: complete 31 credits (12 courses)

Course No.	Course Title	Hours	Credits	Notes
20406	Calculus	3	3	Required
20410	General Physics Laboratory I	1.5	1	Required
20411	General Physics Laboratory II	1.5	1	Required
30002	General Physics II	3	3	Required
36340	Global Woman Engineer and Entrepreneurship*	1	1	Required*
36341	Engineering Mathematics	3	3	Required
36563	Applied Mathematics and exercise	4.5	4	Required
37275	Advanced Programming for Electronics Engineering	3	3	Required
38412	Linear System Mathematics	3	3	Required
38413	Numerical Analysis for Electronic Engineers	3	3	Required
20409	General Physics I	3	3	Required
30001	General Physics	3	3	Choose 1
37412	Introduction to programming	3	3	Required
36339	Computer Programming&Lab	3	3	Choose 1

*<Global Woman Engineer and Entrepreneurship> is changed 'Required' into 'Elective' for students entered in or after 2018

  - Food Science and Engineering: 31credtis (13 courses)

Course No.	Course Title	Hours	Credits	Notes
20406	Calculus	3	3	Required
20416	General Chemistry Ⅰ	3	3	Required
20415	General Chemistry	3	3	Choose 1
20418	General Chemistry:Laboratory Work Ⅰ	1.5	1	Required
37280	Elementary Biology	3	3	Required
36341	Engineering Mathematics	3	3	Required
20417	General Chemistry Ⅱ	3	3	Required
20419	General Chemistry:Laboratory Work Ⅱ	1.5	1	Required
35952	Elementary Biology	3	3	Required
20412	General Biology	3	3	Choose 1
38414	Food Science Basics	1.5	1	Required
38415	Food Process Mathematics	3	3	Required
36339	Computer Programming & Lab	3	3	Required
36980	Probability and Statistics	3	3	Required
36340	Global Woman Engineer and Entrepreneurship*	1	1	Required*

*<Global Woman Engineer and Entrepreneurship> is changed 'Required' into 'Elective' for students entered in or after 2018

– Chemical Engineering & Materials Science: complete 34 credits (13 courses)

Course No.	Course Title	Hours	Credits	Notes
37501	Elementary Chemistry for Engineers I	3	3	Required
20416	General Chemistry I	3	3	Choose 1
20418	General Chemistry: Laboratory Work I	1.5	1	Required
36339	Computer Programming & Lab	3	3	Required
20406	Calculus	3	3	Required
37503	Elementary Chemistry for Engineers Ⅱ	3	3	Required
20417	General Chemistry II	3	3	Choose 1
20419	General Chemistry: Laboratory Work Ⅱ	1.5	1	Required
36341	Engineer Mathematics	3	3	Required
35952	Elementary Biology	3	3	Required
30001	General Physics	3	3	Choose 1
36563	Applied Mathematics and exercise	4.5	4	Required
37834	Engineering Physical Chemistry I	3	3	Required
37836	Engineering Physical Chemistry Ⅱ	3	3	Required
35952	Elementary Biology	3	3	Required
36340	Global Woman Engineer and Entrepreneurship*	1	1	Required*

*<Global Woman Engineer and Entrepreneurship> is changed 'Required' into 'Elective' for students entered in or after 2018

- **Division of Sustainable Systems Engineering**
  – Architecture: complete 15 credits (5 courses)

Course No.	Course Title	Hours	Credits	Notes
38470	Fundamental Design	3	3	Required
38469	Introduction to Architecture	3	3	Required
38404	Introduction to Architectural Thinking	3	3	Required
20406	Calculus	3	3	Required Choose 1
20409	General Physics I	3	3	
30001	General Physics	3	3	
20416	General Chemistry I	3	3	
20415	General Chemistry	3	3	
20413	General Biology I	3	3	
20412	General Biology	3	3	
34980	Probability and Statistics	3	3	
36341	Engineering Mathematics	3	3	
38405	Architectural Computer Programming & Lab	3	3	Required
36339	Computer Programming & Lab	3	3	Choose 1

– Architectural and Urban Systems Engineering: complete 37 credits (15 courses)

Course No.	Course Title	Hours	Credits	Notes
20409	General Physics I	3	3	Required
30001	General Physics	3	3	Choose 1
20410	General Physics Laboratory I	1.5	1	Required
20416	General Chemistry I	3	3	Required
20415	General Chemistry	3	3	Choose 1
20418	General Chemistry Laboratory I	1.5	1	Required
38419	Introduction to architectural and urban systems engineering	3	3	Required

Course No.	Course Title	Hours	Credits	Notes
20406	Calculus	3	3	Required
34980	Probability and Statistics	3	3	Required
38418	Architectural and urban systems Computer Programming	3	3	Required Choose 1
36339	Computer Programming & Lab	3	3	
38420	Engineering communication	3	3	Required
36341	Engineering Mathematics	3	3	Required
36573	Engineering Mathematics Praticals	1.5	1	Required
38421	Introduction to mechanics	3	3	Required
37287	Building information modeling and applications	3	3	Required
36340	Global Woman Engineer and Entrepreneurship*	1	1	Required*
38422	Computational numerical analysis	3	3	Required

*<Global Woman Engineer and Entrepreneurship> is changed 'Required' into 'Elective' for students entered in or after 2018

- Environmental Science and Engineering: complete 31 credits (13 courses)

Course No.	Course Title	Hours	Credits	Notes
20416	General Chemistry I	3	3	Required
20415	General Chemistry	3	3	Choose 1
20418	General Chemistry : Laboratory Work I	1.5	1	Required
20406	Calculus	3	3	Required
30001	General Physics	3	3	Required
37280	Elementary Physics	3	3	Choose 1
20417	General Chemistry II	3	3	Required
20419	General Chemistry : Laboratory Work II	1.5	1	Required
35952	Elementary Biology	3	3	Required
20412	General Biology	3	3	Choose 1
36573	Engineering Mathematics Practicals	1.5	1	Required
36340	Global Woman Engineer and Entrepreneurship	1	1	Required
36341	Engineering Mathematics	3	3	Required
34980	Probability and Statistics	3	3	Required
36343	Basic Principle in Process Calculation	3	3	Required
36339	Computer Programming & Lab	3	3	Required

*<Global Woman Engineer and Entrepreneurship> is changed 'Required' into 'Elective' for students entered in or after 2018

- Climate and Energy Systems Engineering: complete 32 credits (12 courses)

Course No.	Course Title	Hours	Credits	Notes
20406	Calculus	3	3	Required
20409	General Physics I	3	3	Required
30001	General Physics	3	3	Choose 1
30002	General Physics II	3	3	Required
20415	General Chemistry	3	3	Choose 1
20410	General Physics Laboratory I	1.5	1	Required
38416	Introduction to the Climate System	3	3	Required
36341	Engineering Mathematics	3	3	Required
36339	Computer Programming & Lab	3	3	Required
38417	Introduction to the Carbon and Water Cycles	3	3	Required
20441	Linear Algebra I	4.5	3	Required

Course No.	Course Title	Hours	Credits	Notes
34980	Probability and Statistics	3	3	Required
20642	Numerical Methods	3	3	Required
36340	Global Woman Engineer and Entrepreneurship*	1	1	Required

*<Global Woman Engineer and Entrepreneurship> is changed 'Required' into 'Elective' for students entered in or after 2018

- **Division of Mechanical and Biomedical Engineering**
  - Division of Mechanical and Biomedical Engineering: complete 31 credits (12 courses)

Course No.	Course Title	Hours	Credits	Notes
36339	Computer Programming & Lab	3	3	Required
20441	Linear Algebra I	4.5	3	Required
30001	General Physics	3	3	Required
20409	General Physics I	3	3	Choose 1
20410	General Physics Laboratory I	1.5	1	Required
20412	General Biology	3	3	Required
20413	General Biology I	3	3	Choose 1
38559	Introduction to Human, Mechanical and Biomedical Engineering	2	2	Required
20406	Calculus	3	3	Required
34980	Probability and Statistics	3	3	Required
20642	Numerical Methods	3	3	Required
36341	Engineering Mathematics	3	3	Required
20415	General Chemistry	3	3	Required
20416	General Chemistry I	3	3	Choose 1
36340	Global Woman Engineer and Entrepreneurship*	1	1	Required*

*<Global Woman Engineer and Entrepreneurship> is changed 'Required' into 'Elective' for students entered in or after 2018

- **Major foundation courses for students entered in 2013-2016**
  - Department of Computer Science & Engineering: complete 32 credits (12 courses)

Course No.	Course Title	Hours	Credits	Notes
20406	Calculus	3	3	Required
20409	General Physics I	3	3	Required
20410	General Physics Laboratory I	1.5	1	Required
36339	Computer Programming & Lab	3	3	Required
20441	Linear Algebra I	4.5	3	Required
36341	Engineering Mathematics	3	3	Required
36342	Advanced Computer Programming and Labs	3	3	Required
34980	Probability and Statistics	3	3	Required
20479	Discrete Mathematics	3	3	Required
20642	Numerical Methods	3	3	Required
36340	Woman Engineer and Entrepreneurship	1	1	Required
20412	General Biology	3	3	Required
20415	General Chemistry	3	3	Choose 1
30002	General Physics II	3	3	

- Department of Electronics Engineering: complete 31 credits (12 courses)

Course No.	Course Title	Hours	Credits	Notes
20406	Calculus	3	3	Required
20409	General Physics I	3	3	Required
20410	General Physics Laboratory I	1.5	1	Required
30002	General Physics II	3	3	Required
20411	General Physics Laboratory II	1.5	1	Required
37412	Introduction to programming	3	3	Required
20441	Linear Algebra I	4.5	3	Required
36341	Engineering Mathematics	3	3	Required
36563	Applied Mathematics and exercise	4.5	4	Required
36340	Woman Engineer and Entrepreneurship	1	1	Required
37275	Advanced Programming for Electronics Engineering	3	3	Required
20412	General Biology	3	3	Required
20415	General Chemistry	3	3	Choose 1

- **Division of Architecture**
  - Architecture: complete 20 credits (8 courses)
  - Architectural Engineering: complete 37 credits (15 courses)

Course No.	Course Title	Hours	Credits	Notes
20406	Calculus	3	3	Required
36393	Space, Form and Structure	3	3	Required
36394	Introduction to Architecture	3	3	Required
20409	General Physics I	3	3	Required
20410	General Physics Laboratory I	1.5	1	Required
30002	General Physics II	3	3	Required
20411	General Physics Laboratory II	1.5	1	Required
36339	Computer Programming & Lab	3	3	Required
34980	Probability and Statistics	3	3	Required for Architecture Eng.
36341	Engineering Mathematics	3	3	Required for Architecture Eng.
36573	Engineering Mathematics Practicals	1.5	1	Required for Architecture Eng.
20415	General Chemistry	3	3	Required for Architecture Eng.
20441	Linear Algebra I	4.5	3	Required for Architecture Eng.
37287	Practice of Computing in Architectural Engineering	3	3	Required for Architecture Eng.
36340	Woman Engineer and Entrepreneurship	1	1	Required for Architecture Eng.

- Division of Environmental & Food Science: complete 31 credits (13 courses)

Course No.	Course Title	Hours	Credits	Notes
20416	General Chemistry I	3	3	Required
20418	General Chemistry : Laboratory Work I	1.5	1	Required
36339	Computer Programming & Lab	3	3	Required
20417	General Chemistry II	3	3	Required

Course No.	Course Title	Hours	Credits	Notes
20419	General Chemistry : Laboratory Work II	1.5	1	Required
20406	Calculus	3	3	Required
35952	Elementary Biology	3	3	Required
37280	Elementary Physics	3	3	Required
36341	Engineering Mathematics	3	3	Required
36573	Engineering Mathematics Practicals	1.5	1	Required
36343	Basic Principle in Process Calculation	3	3	Required
34980	Probability and Statistics	3	3	Required
36340	Woman Engineer and Entrepreneurship	1	1	Required

- Division of Chemical Engineering & Materials Science(Students entered in 2015): complete 34 credits(13 courses)

Course No.	Course Title	Hours	Credits	Notes
37501	Elementary Chemistry for Engineers I	3	3	Required
37502	Elementary Chemistry Lab for Engineers I	1.5	1	Required
36339	Computer Programming & Lab	3	3	Required
20406	Calculus	3	3	Required
37503	Elementary Chemistry for Engineers Ⅱ	3	3	Required
37504	Elementary Chemistry Lab for Engineers Ⅱ	1.5	1	Required
36341	Engineer Mathematics	3	3	Required
36563	Applied Mathematics and exercise	4.5	4	Required
37280	Elementary Physics	3	3	Required
35952	Elementary Biology	3	3	Required
36340	Woman Engineer and Entrepreneurship	1	1	Required
37834	Engineering Physical Chemistry I	3	3	Required
37836	Engineering Physical Chemistry Ⅱ	3	3	Required

- Division of Chemical Engineering & Materials Science(Students entered in 2016): complete 34 credits (13 courses)

Course No.	Course Title	Hours	Credits	Notes
37501	Elementary Chemistry for Engineers I	3	3	Required
20418	General Chemistry: Laboratory Work I	1.5	1	Required
36339	Computer Programming & Lab	3	3	Required
20406	Calculus	3	3	Required
37503	Elementary Chemistry for Engineers Ⅱ	3	3	Required
20419	General Chemistry: Laboratory Work Ⅱ	1.5	1	Required
36341	Engineer Mathematics	3	3	Required
36563	Applied Mathematics and exercise	4.5	4	Required
37280	Elementary Physics	3	3	Required
35952	Elementary Biology	3	3	Required
36340	Woman Engineer and Entrepreneurship	1	1	Required
37834	Engineering Physical Chemistry I	3	3	Required
37836	Engineering Physical Chemistry Ⅱ	3	3	Required

D. The College of Music

※ Notes for registering 「Applied Music」

- Those who major in or minor·double major in Music are only eligible to register for 「Applied Music」 offered by the College of Music.
- Prior to registration for 「Applied Music」, contact the department office to enquire *your class number of 「Applied Music」*.

- **Major foundation courses for students entered in or after 2020**
  - Keyboard Instruments: complete 24 credits

Course No.	Course Title	Hours	Credits	Notes
34796	Harmony I	2	2	Required
34797	Harmony II	2	2	Required
34798	Sight Singing & Ear Training I	1.5	1	Required
34799	Sight Singing & Ear Training II	1.5	1	Required
34800	Counterpoint I	2	2	Required
34801	Counterpoint II	2	2	Required
34062	History of Western Music I	3	2	Required
34067	History of Western Music II	3	2	Required
35657	History of Western Music III	3	2	Required
36575	History of Western Music IV	3	2	Required
36580	Keyboard Harmony I	1.5	1	Required
36581	Keyboard Harmony II	1.5	1	Required
35658	Analysis of Tonal Music I	2	2	Required
35659	Analysis of Tonal Music II	2	2	Required

  - Orchestral Instruments and Composition: complete 24 credits

Course No.	Course Title	Hours	Credits	Notes
34796	Harmony I	2	2	Required
34797	Harmony II	2	2	Required
34798	Sight Singing & Ear Training I	1.5	1	Required
34799	Sight Singing & Ear Training II	1.5	1	Required
36620	Sight Singing & Ear Training III	1.5	1	Required
36576	Sight Singing & Ear Training IV	1.5	1	Required
34800	Counterpoint I	2	2	Required
34801	Counterpoint II	2	2	Required
34062	History of Western Music I	3	2	Required
34067	History of Western Music II	3	2	Required
35657	History of Western Music III	3	2	Required
36575	History of Western Music IV	3	2	Required
35658	Analysis of Tonal Music I	2	2	Required
35659	Analysis of Tonal Music II	2	2	Required

  - Voice: complete 24 credits

Course No.	Course Title	Hours	Credits	Notes
34796	Harmony I	2	2	Required
34797	Harmony II	2	2	Required
34798	Sight Singing & Ear Training I	1.5	1	Required

Course No.	Course Title	Hours	Credits	Notes
34799	Sight Singing & Ear Training II	1.5	1	Required
36620	Sight Singing & Ear Training III	1.5	1	Required
36576	Sight Singing & Ear Training IV	1.5	1	Required
36577	Class Piano I	1.5	1	Required
36579	Class Piano II	1.5	1	Required
34800	Counterpoint I	2	2	Required
34801	Counterpoint II	2	2	
34062	History of Western Music I	3	2	Required
34067	History of Western Music II	3	2	Required
35657	History of Western Music III	3	2	Required
36575	History of Western Music IV	3	2	Required
35658	Analysis of Tonal Music I	2	2	Required
35659	Analysis of Tonal Music II	2	2	Required

- Korean Music: complete 20 credits

Course No.	Course Title	Hours	Credits	Notes
34798	Sight Singing & Ear Training I	1.5	1	Required
34799	Sight Singing & Ear Training II	1.5	1	Required
34068	Introduction to Korean Traditional Music I	2	2	Required
34069	Introduction to Korean Traditional Music II	2	2	Required
34796	Harmony I	2	2	Required
34797	Harmony II	2	2	Required
34062	History of Western Music I	3	2	Required
34067	History of Western Music II	3	2	Required
20871	Korean Music History I	2	2	Required
20872	Korean Music History II	2	2	Required
36648	Multimedia Music in a Korean Traditional Music I	2	2	Required
36649	Multimedia Music in a Korean Traditional Music II	2	2	Required

- **Major foundation courses for students entered in 2016~2019**
  - Keyboard Instruments, Orchestral Instruments, and Composition: complete 24 credits

Course No.	Course Title	Hours	Credits	Notes
34796	Harmony I	2	2	Required
34797	Harmony II	2	2	Required
34798	Sight Singing & Ear Training I	1.5	1	Required
34799	Sight Singing & Ear Training II	1.5	1	Required
36620	Sight Singing & Ear Training III	1.5	1	Required
36576	Sight Singing & Ear Training IV	1.5	1	Required
34062	History of Western Music I	3	2	Required
34067	History of Western Music II	3	2	Required
35657	History of Western Music III	3	2	Required
36575	History of Western Music IV	3	2	Required
35658	Analysis of Tonal Music I	2	2	Required
35659	Analysis of Tonal Music II	2	2	Required
34800	Counterpoint I	2	2	Required
34801	Counterpoint II	2	2	Required

- Voice: complete 24 credits

Course No.	Course Title	Hours	Credits	Notes
34796	Harmony I	2	2	Required
34797	Harmony II	2	2	Required
34798	Sight Singing & Ear Training I	1.5	1	Required
34799	Sight Singing & Ear Training II	1.5	1	Required
36620	Sight Singing & Ear Training III	1.5	1	Required
36576	Sight Singing & Ear Training IV	1.5	1	Required
34062	History of Western Music I	3	2	Required
34067	History of Western Music II	3	2	Required
35657	History of Western Music III	3	2	Required
36575	History of Western Music IV	3	2	Required
35658	Analysis of Tonal Music I	2	2	Required
35659	Analysis of Tonal Music II	2	2	Required
34800	Counterpoint I	2	2	Required
34801	Counterpoint II	2	2	
36577	Class Piano I	1.5	1	Required
36579	Class Piano II	1.5	1	Required

- Korean Music: complete 20 credits

Course No.	Course Title	Hours	Credits	Notes
20867	Korean Music Accompanying Technique I	1.5	1	Required
20868	Korean Music Accompanying Technique II	1.5	1	Required
20871	Korean Music History I	2	2	Required
20872	Korean Music History II	2	2	Required
37164	Traditional Korean Dance I	1.5	1	Required
37165	Traditional Korean Dance II	1.5	1	Required
34062	History of Western Music I	3	2	Required
34067	History of Western Music II	3	2	Required
34068	Introduction to Korean Traditional Music I	2	2	Required
34069	Introduction to Korean Traditional Music II	2	2	Required
34798	Sight Singing & Ear Training I	1.5	1	Required
34799	Sight Singing & Ear Training II	1.5	1	Required
36620	Sight Singing & Ear Training III	1.5	1	Required
36576	Sight Singing & Ear Training IV	1.5	1	Required
37848	Korean Music Education Theory	2	2	Required
37849	Korean Music Education Teaching Method	2	2	Required

* Those who have not completed 'Traditional Korean Dance I' and 'Traditional Korean Dance II' must contact the office, Korean Music. (TEL. 02)3277-2449)

- Department of Dance: complete 21credits

Course No.	Course Title	Hours	Credits	Notes
21349	Introductory Survey in Dance	3	3	Required
21355	Dance Composition Fundamental	3	3	Required
21371	Korean Dance Fundamental Practice	3	3	Required
21360	Ballet Fundamental Practice	3	3	Required
21372	Korean Intangible Cultural Treasure Practice	3	3	Required
21362	Modern Ballet	3	3	Required
36540	Understanding of Dance Anthropology	3	3	Required

* Those who have not completed 'Understanding of Dance Anthropology' must contact the office, Dance. (TEL. 02)3277-2572)

- **Major foundation courses for students entered in 2012~2015**
  - Keyboard Instruments, Orchestral Instruments, and Composition: complete 24 credits

Course No.	Course Title	Hours	Credits	Notes
34796	Harmony I	3	2	Required
34797	Harmony II	3	2	Required
34798	Sight Singing & Ear Training I	1.5	1	Required
34799	Sight Singing & Ear Training II	1.5	1	Required
36620	Sight Singing & Ear Training III	1.5	1	Required
36576	Sight Singing & Ear Training IV	1.5	1	Required
34062	History of Western Music I	3	2	Required
34067	History of Western Music II	3	2	Required
35657	History of Western Music III	3	2	Required
36575	History of Western Music IV	3	2	Required
35658	Analysis of Tonal Music I	3	2	Required
35659	Analysis of Tonal Music II	3	2	Required
34800	Counterpoint I	3	2	Required
34801	Counterpoint II	3	2	Required

  - Voice: complete 24 credits

Course No.	Course Title	Hours	Credits	Notes
34796	Harmony I	3	2	Required
34797	Harmony II	3	2	Required
34798	Sight Singing & Ear Training I	1.5	1	Required
34799	Sight Singing & Ear Training II	1.5	1	Required
36620	Sight Singing & Ear Training III	1.5	1	Required
36576	Sight Singing & Ear Training IV	1.5	1	Required
34062	History of Western Music I	3	2	Required
34067	History of Western Music II	3	2	Required
35657	History of Western Music III	3	2	Required
36575	History of Western Music IV	3	2	Required
35658	Analysis of Tonal Music I	3	2	Required
35659	Analysis of Tonal Music II	3	2	Required
34800	Counterpoint I	3	2	Required
34801	Counterpoint II	3	2	
36577	Class Piano I	1.5	1	Required
36579	Class Piano II	1.5	1	Required

  - Korean Music: complete 20 credits

Course No.	Course Title	Hours	Credits	Notes
20867	Korean Music Accompanying Technique I	1.5	1	Required
20868	Korean Music Accompanying Technique II	1.5	1	Required
20871	Korean Music History I	2	2	Required
20872	Korean Music History II	2	2	Required
37164	Traditional Korean Dance I	1.5	1	Required
37165	Traditional Korean Dance II	1.5	1	Required
34062	History of Western Music I	3	2	Required
34067	History of Western Music II	3	2	Required
35657	History of Western Music III	3	2	Required
36575	History of Western Music IV	3	2	Required
34068	Introduction to Korean Traditional Music I	2	2	Required

Course No.	Course Title	Hours	Credits	Notes
34069	Introduction to Korean Traditional Music II	2	2	Required
34798	Sight Singing & Ear Training I	1.5	1	Required
34799	Sight Singing & Ear Training II	1.5	1	Required
36620	Sight Singing & Ear Training III	1.5	1	Required
36576	Sight Singing & Ear Training IV	1.5	1	Required

* Those who have not completed 'Traditional Korean Dance I' and 'Traditional Korean Dance II' must contact the office, Korean Music. (TEL. 02)3277-2449)

- Department of Dance: complete 21credits

Course No.	Course Title	Hours	Credits	Notes
21349	Introductory Survey in Dance	3	3	Required
21355	Dance Composition Fundamental	3	3	Required
21371	Korean Dance Fundamental Practice	3	3	Required
21360	Ballet Fundamental Practice	3	3	Required
21372	Korean Intangible Cultural Treasure Practice	3	3	Required
21362	Modern Ballet	3	3	Required
36540	Understanding of Dance Anthropology	3	3	Required

* Those who have not completed 'Understanding of Dance Anthropology' must contact the office, Dance. (TEL. 02)3277-2572)

E. The College of Art & Design

- **Major foundation courses for students entered in or after 2020**
  - Division of Fine Arts: complete 12 credits

Course No.	Course Title	Recommended Period		Hrs.	Credits	Hosting Major	Notes
		Year	Semester				
38750	Arting and Thinking	1	1	3	3	Division of Fine Arts	Required
38730	Landscape And Narrative	1	1	3	3	Korean Painting	Required for Korean Painting
38731	Traditional Korean Painting	1	2	3	3		
38732	Viewpoint and Viewplane	1	1	3	3	Painting	Required for Painting
30467	Painting I	1	2	3	3		
38733	Form and Volume	1	1	3	3	Sculpture	Required for Sculpture
38734	Three-Dimensional Form and Space	1	2	3	3		
38735	Ceramic Walk	1	1	3	3	Ceramics	Required for Ceramics
38736	Ceramic Run	1	2	3	3		
38730	Landscape And Narrative	1	2	3	3	Korean Painting	1 elective course outside their major
38732	Viewpoint and Viewplane	1	2	3	3	Painting	
38733	Three-Dimensional Form and Space	1	2	3	3	Sculpture	
38735	Ceramic Run	1	2	3	3	Ceramics	

* 1st Semester: Recommended to enroll in "Arting and Thinking" course (all majors)
+ 1 required core course for their major / Total 2 courses
* 2nd Semester: Recommended to enroll 1 required core course for their major
+ 1 elective course outside their major / Total 2 courses

- Division of Design: complete 18 credits

Course No.	Course Title	Recommended Period		Hrs.	Credits	Notes
		Year	Semester			
37953	Design Creation	1	1	3	3	Required
37951	Shape & Image I	1	1	3	3	Required
37949	Form & Space I	1	1	3	3	Required
37954	Digital Drawing	1	2	3	3	Required
37952	Shape & Image II	1	2	3	3	Required
37950	Form & Space II	1	2	3	3	Required

- Division of Fiber & Fashion: complete 12 credits

Course No.	Course Title	Recommended Period		Hrs.	Credits	Hosting Major	Notes
		Year	Semester				
38737	Textile Drawing	1	1	3	3	Fiber Arts	Required
38744	Basic Fashion Design	1	1	3	3	Fashion Design	Required
38746	Digital Media and Expression	1	2	3	3	Fashion Design	Required
38738	Fundamental Fiber Art	1	2	3	3	Fiber Arts	Required for Fiber Arts
38745	Basic Fashion Art	1	2	3	3	Fashion Design	Required for Fashion Design

- **Major foundation courses for students entered between 2016-2019**
  - Division of Fine Arts: complete 12 credits

Course No.	Course Title	Recommended Period		Hrs.	Credits	Notes
		Year	Semester			
34119	Basic Korean Painting	1	1	3	2	Required for Korean Painting
			2			Other majors
34120	Basic Painting	1	1	3	2	Required for Painting
			2			Other majors
34148	Basic Sculpture	1	1	3	2	Required for Sculpture
			2			Other majors
34127	Introduction to Ceramics	1	1	3	2	Required for Ceramics
			2			Other majors
34126	Drawing	1	1, 2	3	2	Required
37069	2-D	1	1, 2	3	2	
37070	3-D	1	1, 2	3	2	
37071	Understanding the Beauty of Korea	1	1, 2	2	2	

- Division of Design: complete 18 credits

Course No.	Course Title	Recommended Period		Hrs.	Credits	Notes
		Year	Semester			
37953	Basic Drawing*	1	1	3	3	Required

Course No.	Course Title	Recommended Period		Hrs.	Credits	Notes
		Year	Semester			
37951	Shape & Image I	1	1	3	3	Required
37949	Form & Space I	1	1	3	3	Required
37954	Design Context*	1	2	3	3	Required
37952	Shape & Image II	1	2	3	3	Required
37950	Form & Space II	1	2	3	3	Required

* Change of Course Title:

Basic Drawing (37953) → Design Creation (37953)

Design Context (37954) → Digital Drawing(37954)

* These changes will apply and courses will be offered in their new titles from academic year 2020. Students who entered in or before 2019 may enroll in the "Design Creation (37953)" course as a new course or as a repeat of the "Basic Drawing (37953)" course; the same applies for the "Digital Drawing(37954)" course.

- Division of Fiber & Fashion: complete 12 credits

Course No.	Course Title	Recommended Period		Hrs.	Credits	Notes
		Year	Semester			
37377	Basic Fashion Design	1	1	3	2	Required
37378	Basic Fashion and Plastic Art	1	2	3	2	Required
37382	Digital Expression Technique	1	2	3	2	Required
34125	Manipulating Fabrics	1	1	3	2	Required
37381	Drawing and 2D Modeling	1	1	3	2	Required
37376	Introductory Textile Design	1	2	3	2	Required

- **Major foundation courses for students entered between 2013-2015**
  - Division of Fine Arts: complete 12 credits

Course No.	Course Title	Recommended Period		Hrs.	Credits	Notes
		Year	Semester			
34119	Basic Korean Painting	1	1	3	2	Required for Korean Painting
			2			Other majors
34120	Basic Painting	1	1	3	2	Required for Painting
			2			Other majors
34148	Basic Sculpture	1	1	3	2	Required for Sculpture
			2			Other majors
34127	Basic Ceramics	1	1	3	2	Required for Ceramics
			2			Other majors
34126	Drawing	1	1, 2	3	2	Required
37069	2-D	1	1, 2	3	2	
37070	3-D	1	1, 2	3	2	
37071	Understanding Korean Aesthetics	1	1, 2	2	2	

- Division of Design: complete 18 credits

Course No.	Course Title	Recommended Period		Hrs.	Credits	Notes
		Year	Semester			
34122	Basic Design I	1	1	3	2	Elective
34123	Form & Structure Ⅰ	1	1	3	2	Elective
34124	Design Drawing	1	1	3	2	Elective
37953	Basic Drawing*	1	1	3	3	Elective
37951	Shape & Image I*	1	1	3	3	Elective
37949	Form & Space I*	1	1	3	3	Elective
34149	Basic Design II	1	2	3	2	Elective
34150	Form & Structure II	1	2	3	2	Elective
34151	Expression and Medium	1	2	3	2	Elective
37954	Design Context*	1	2	3	3	Elective
37952	Shape & Image II*	1	2	3	3	Elective
37950	Form & Space II*	1	2	3	3	Elective
36687	Major Basic Studio I	2	1	3	3	Elective
36688	Major Basic Studio II	2	2	3	3	Elective

* New Major Foundation Courses Offered after the 2016 Curriculum Revision

After the curriculum revision in 2016, Division of Design students who entered between 2009 and 2015 may choose from 14 Major foundation courses offered (to earn 18 credits), instead of having to complete the previously given 8 Major foundation courses (to earn 18 credits).

- Division of Fiber & Fashion: complete 12 credits

Course No.	Course Title	Recommended Period		Hrs.	Credits	Notes
		Year	Semester			
34125	Basic Fiber Art I	1	1	3	2	Required for Fiber Arts Other majors
37376	Basic Fiber Art II	1	2	3	2	Required for Fiber Arts
37377	Basic Fashion Design I	1	1	3	2	Required for Fashion Design Other majors
37378	Basic Fashion Design II	1	2	3	2	Required for Fashion Design
37379	Introduction to Clothing and Textiles I	1	1	2	2	Required for Clothing & Textiles Other majors
37380	Introduction to Clothing and Textiles Ⅱ	1	2	2	2	Required for Clothing & Textiles
37381	Drawing and 2D Modeling	1	1	3	2	Elective
37382	Expression and Media	1	2	3	2	
37383	Fashion and Culture	1	2	2	2	

F. The College of Education

- **Major foundation courses for students entered in or after 2013**
  - Common Requisites and Electives: complete 22 credits (However, for Elementary Edu. 23 credits)

Course No.	Course Title	Hours	Credits	Notes
35172	Introduction to Education	2	2	
36939	Curriculum	2	2	
36940	Educational Evaluation	2	2	
34944	Educational Methods and Educational Technology	2	2	
34945	Sociology of Education	2	2	
34946	Educational Psychology	2	2	
34947	Philosophy & History of Education	2	2	
34948	Educational Administration & Management	2	2	
34950	Counseling & Guidance	2	2	
34951	Education of Exceptional Children	2	2	Required
35918	Understanding of Teaching Profession	2	2	Required
37446	Understanding of School Violence and Learner Characteristics	2	2	Required
36937	Educational Practicum	-	2	Required
By Types of License	Teaching Practice	-	2	Required
37437	Teaching Aptitude · Personality Test I	-	-	Required
37438	Teaching Aptitude · Personality Test II	-	-	Required

* However, Elementary Education students must complete Practicum I (36938, 3 credits) and Practicum II (35527, 2 credits) instead of Educational Practicum (36937) and Teaching Practice.

G. The College of Business Administration

- **Major foundation course for Business Administration students entered after 2009**

Course No.	Course Title	Hours	Credits	Notes
22233	Statistics for Business	3	3	Required

H. The College of Nursing(Division of Nursing Science)

- **Major foundation course for Division of Nursing Science (College of Nursing) entered after 2020**

Course No.	Course Title	Hours	Credits	Notes
38028	Human growth and development	2	2	Required
38026	Human Anatomy & Physiology I	1.5	1.5	Required
37426	Korean unification and multicultural society	2	2	Required
38027	Human Anatomy & Physiology II	3	3	Required
37427	Communication and collaboration in healthcare teams	3	3	Required
35613	Microbiology	1.5	1.5	Required

Course No.	Course Title	Hours	Credits	Notes
37947	Nursing, Culture and Art	1.5	1.5	Required
37948	Health Statistics	3	3	Required

- **Major foundation course for Division of Nursing Science (College of Nursing) entered between 2016-2019**

Course No.	Course Title	Hours	Credits	Notes
38028	Human growth and development	1.5	1.5	Required
35613	Microbiology	1.5	1.5	Required
38026	Human Anatomy & Physiology I	1.5	1.5	Required
37426	Multicultural society and human understanding*	2	2	Required
37427	Communication and collaboration in healthcare teams	3	3	Required
38027	Human Anatomy & Physiology II	3	3	Required
37947	Nursing, Culture and Art	2	2	Required
37948	Health Statistics	3	3	Required

* Course title changed: Multicultural society and human understanding (37426) → Korean unification and multicultural society (37426).

Course title is changed from 2020. Students who entered in 2016~2019 may newly register for Korean unification and multicultural society (37426) or they may retake it for Multicultural society and human understanding (37426).

* Course credits changed: Human growth and development (38028) 1.5 Hours / 1.5 Credits → 2.0 Hours / 2.0 Credits from 2020, Nursing, Culture and Art(37947) 2.0 Hours / 2.0 Credits → 1.5 Hours / 1.5 Credits from 2021

I. College of Pharmacy

- **Major foundation course for College of Pharmacy entered after 2022**

Course No.	Course Title	Hours	Credits
20415	General Chemistry	3	3
20412	General Biology	3	3
20406	Calculus	3	3
34980	Probability and Statistics	3	3
30001	General Physics	3	3

J. Scranton College

- **Major foundation courses for Scranton Honors Program**
  - **Students entered after 2008**
    - Common electives: complete 6 credits

Course No.	Course Title	Hours	Credits
36884	International Society and Leadership	3	3
36885	Global and Intercultural Identities	3	3
36886	Critical Thinking and Moral Theories	3	3
37061	The Universe, Life and Light	3	3

- **Major foundation courses for Division of Brain & Cognitive Sciences**
  - **Students entered after 2020**
    - Must complete 9 credits

Course No.	Course Title	Hours	Credits
37584	Foundations of Brain and Cognitive Sciences	3	3
37585	Principles of Neuroscience	3	3
37586	Applied Neuroscience	3	3

  - **Students entered between 2015-2019**
    - Must complete 12 credits

Course No.	Course Title	Hours	Credits
37584	Foundations of Brain and Cognitive Sciences	3	3
37585	Exploration of Brain and Cognitive Sciences	3	3
37586	Brain, Human, and Society	3	3
37587	Basics of Brain and Cognitive Sciences Research	3	3

- **Major foundation courses for Division of International Studies**
  - **Common electives: complete 9 credits**

Course No.	Course Title	Hours	Credits
36002	Introduction to Economics	3	3
36003	Introduction to Int'l Politics	3	3
36004	Introduction to Business	3	3
36395	World History	3	3
37549	General Introduction to Korea	3	3

* Course title changed: Introduction to Int'l Business (36004) → Introduction to Business (36004). Course title is changed from 2020.

K. Division of AI Convergence

- **Major foundation course for Division of AI Convergence entered after 2022**

Course No.	Course Title	Hours	Credits	Notes
39137	AI Programming Ⅰ	3	3	Required
39139	AI Programming Ⅱ	3	3	Required
39138	Understanding of AI	3	3	Required
39140	AI Applied mathematics	3	3	Required
39141	AI Programming Ⅲ	3	3	Required
20406	Calculus	3	3	Required
20410	General Physics Laboratory I	1.5	1	Required

Course No.	Course Title	Hours	Credits	Notes
20441	Linear Algebra I	4.5	3	Required
20412	General Biology	3	3	Required Choose 1
20413	General Biology I	3	3	
30002	General Physics II	3	3	
30001	General Physics	3	3	Required Choose 1
20409	General Physics I	3	3	