

2025학년도 시행 대학별 공통교육과정 이수규정 (영문)

○ 학부대학 (자유전공학부)

□ SNU College (College of Liberal Studies)

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1, 1-2] College Writing 1 [1-2, 2-1, 2-2] Must earn 2 credits from among College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, or College Writing 2: Writing in Science & Technology.	4	• After taking College Writing 1, then can take College Writing 2
	Foreign Languages	At least 2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Must take one course from among the following: Calculus 1 and Calculus Practice 1, Honor Calculus 1 and Honor Calculus Practice 1, Mathematics: The Basics and Applications 1	3	• Must earn 3 credits or more in Mathematics • Students who have already taken differential and integral calculus 2, geometry and vector, honor calculus 1, 2 or equivalent courses in high school cannot take Mathematics: The Basics and Applications 1. • Courses offered with corresponding practice requirements must be taken concurrently. (Students taking Calculus 1 or Honor Calculus 1 must take the corresponding practices (Calculus Practice 1, Honor Calculus Practice 1) concurrently.)
		[Science] [Computing]	3	• Must earn 3 credits or more in Science or Computing • Courses offered with corresponding lab requirements must be taken concurrently.
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses			8	• Students may select any courses from the list of General Education courses, but they must take 'Volunteer Social Service 1'.

* The above requirements are applied to students admitted in and after 2025.

* Numbers in brackets indicate semester scheduling recommendations.

○ 학부대학 (광역)

□ SNU College (Open Major)

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] Choose from one from the following: College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, College Writing 2: Writing in Science & Technology	4	• Must take College Writing 1 before taking College Writing 2 • For College Writing 2, a specific course may be required according to the major chosen (must check the Requirement of chosen major)
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course. • Additional courses may be required according to the major chosen (must check the Requirement of chosen major)
	Mathematics, Science, and Computing		3	• Must take the specific course required by chosen major (must check the Requirement of chosen major)
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas • Additional requirements may be made by the chosen major (must check the Requirement of chosen major)
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area • Additional requirements may be made by the chosen major (must check the Requirement of chosen major)
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses			11	• Students may select any courses from the list of General Education courses. • Additional requirements may be made by the chosen major (must check the Requirement of chosen major)

※ The above requirements are applied to students admitted in and after 2025.

※ **SNU College Open Major students must check the General Education Requirement of their affiliated major within the 7 colleges: Humanities, Social Sciences, Natural Sciences, Business Administration, Engineering, Agriculture & Life Sciences, Human Ecology (graduation requirement).**

※ **Must take 'Individual Course Design 1'(Subject for Major) during 1st semester of year 1 (2 credits).**

※ Numbers in brackets indicate semester scheduling recommendations.

※ It is recommended to complete the SNU Freshman Seminar.

○ 인문대학

□ College of Humanities

General Education			Credit Requirements (36 or more)		
Areas			Required Courses	Credits	Comments
Foundation	Writing and Speaking		[1-1, 1-2] College Writing 1 [1-2, 2-1] College Writing 2*	4	※ Choose one from College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, or College Writing 2: Writing in Science & Technology
	Foreign Languages	Second Foreign Languages	[1-1] Second Foreign Language [1-2] Second Foreign Language [2-1] Second Foreign Language	9	• Must complete at least one course at the intermediate level or above
		English	[1-2][2-1] One or two College English courses*	3(6)	※ One subject is mandatory for TEPS scores of 453 or above, Two subjects are mandatory for TEPS scores of 452 or below.
	Mathematics, Science, and Computing			3	
Claves	Cultural Interpretation and Imagination			9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking				
	Understanding Humans and Society				
	Scientific Reasoning and Applications				
Veritas	Veritas Lecture 1			3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2				
	Veritas Practice				
Expansion			One course from either Readings in Classics 1 or Readings in Classics 2	2	
All General Education Courses				3(0)	Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Second Foreign Language Requirements

- Students in the College of Humanities must earn 9 credits in Second Foreign Language courses and must complete at least one course at the intermediate level or above.

- Students who major in Second Foreign Language must complete the above requirement by taking different foreign or classical language courses than English and their major foreign language courses.

※ Note the following table for the foreign and classical language courses at the intermediate level and above.

Foreign and Classical Languages	Course Titles of Intermediate and Above Foreign Languages and Classical Languages
Classical Chinese	Intermediate Classical Chinese, Readings in Classical Chinese Masterpieces, Selected Classical Chinese Readings in History and Philosophy by Chinese and Korean Writers
Chinese	Intermediate Chinese 1, Intermediate Chinese 2, Chinese Conversation 1, Chinese Conversation 2, Media Chinese
French	Intermediate French 1, Intermediate French 2, French Composition, Current French
German	Intermediate German 1, Intermediate German 2, German Composition, Readings in German Texts, Contemporary German
Russian	Intermediate Russian 1, Intermediate Russian 2, Russian Conversation, Readings in Russian Art and Culture, Exploring Russian Media
Spanish	Intermediate Spanish 1, Intermediate Spanish 2, Spanish Composition, Spanish Conversation, Current Spanish
Other Foreign and Classical Languages	Introduction to Portuguese 2, Italian 2, Arabic 2, Hindi 2, Swahili 2, Turkish 2, Vietnamese 2, Malay-Indonesian 2, Sanskrit 2, Advanced Japanese 1, Advanced Japanese 2, Classical Greek 2, Latin 2, Finnish 2

※ Numbers in brackets indicate semester scheduling recommendations.

○ 사회과학대학

□ College of Social Sciences

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1, 1-2] College Writing 1 [1-2, 2-1, 2-2] College Writing 2: Writing in Social Sciences	4	• It is recommended that students complete “College Writing 1 within the first year, and then take ” College Writing 2: Social Sciences by the end of the second year.
	Foreign Languages	2 courses	6	• Students with a TEPS score of 900 or below (New TEPS 525 or below) are required to complete one mandatory English course.
	Mathematics, Science, and Computing		3	
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses			11	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

○ 자연과학대학 (공통)

□ College of Natural Sciences

General Education		Credit Requirements (46 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-2] College Writing 1 [2-1] College Writing 2: Writing in Science & Technology	4	
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[1-1, 1-2] Must take one course from among the following (1) or (2) or (3)(6Credits to 8Credits): (1) Calculus 1 and Calculus Practice 1, Calculus 2 and Calculus Practice 2 (2) Honor Calculus 1 and Honor Calculus Practice 1, Honor Calculus 2 and Honor Calculus Practice 2 (3) Differential and Integral Calculus 1 and Differential and Integral Calculus Practice 1, Differential and Integral Calculus 2 and Differential and Integral Calculus Practice 2	24	• Courses offered with corresponding practice requirements must be taken concurrently. (Student taking Calculus 1,2, Honor Calculus 1,2, Differential and Integral Calculus 1,2 must take the corresponding practices(Calculus Practice 1,2, Honor Calculus Practice 1,2, Differential and Integral Calculus Practice 1,2) concurrently)
		[1-1, 1-2] Must earn more than 12 Credits(16 Credits including labs) from among the following: Statistics(or Biostatistics), Physics 1,2(or Honor Physics 1,2 or Foundation of Physics 1,2), Physics, Chemistry 1,2, Chemistry(or Advanced Chemistry), Biology 1,2, Biology, Earth and Environmental Sciences, Astronomy, Atmospheric Science, Earth System Science, Oceanography		• Courses offered with corresponding lab requirements must be taken concurrently. (Student taking Honor Physics1,2(or Advanced Chemistry) must take the corresponding labs(Physics Lab. 1,2(or Chemistry Lab.)) • Students who did not complete Physics 2(any other high school physics courses at the same or higher level of Physics 2) in high school may take Foundation of Physics 1,2 instead of Physics 1,2. Note that Physics Lab. 1,2 must be taken concurrently with the corresponding courses. • Biostatistics, Biostatistics Lab. cannot be completed in duplicate with Statistics, Statistics Lab..
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ Detailed regulations not prescribed in this regulation shall follow the regulations of student's department.

○ 자연과학대학 (학과(부)별)

Department of Mathematical Sciences	- Students under the Department of Mathematical Sciences who want to take Calculus 2 and Calculus Practice 2 instead of Integral Calculus 2 and Integral Calculus Practice 2 must have permission from the Department of Mathematical Sciences.
Department of Statistics	- Statistics and Statistics Lab. is required in the Department of Statistics. - Students under the Department of Statistics who want to take Calculus 2 and Calculus Practice 2 instead of Integral Calculus 2 and Integral Calculus Practice 2 must have permission from the Department of Statistics.
Department of Physics & Astronomy	- Students under the Department of Physics can take Calculus 2 and Calculus Practice 2 instead of Integral Calculus 2 and Integral Calculus Practice 2.
Department of Chemistry	- Chemistry 1:2, Physics(or Physics 1 or Physics 2) is required in the Department of Chemistry. - Students under the Department of Chemistry may take Advanced Chemistry and Chemistry Lab. 1 instead of Chemistry 1:2(including labs)
Department of Biological Sciences	- Students under the Department of Biological Sciences may take Calculus for Life Science 1:2. - Students under the Department of Biological Sciences may take Biostatistic instead of Statistics. - Biology 1:2, is required in the Department of Biological Sciences.(including labs)
School of Earth and Environmental Sciences	- Must take at least 2 courses(including labs) among the following: Atmospheric Science, Earth System Science, Oceanography in the School of Earth and Environmental Sciences.

○ 간호대학

□ College of Nursing

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] Take one from among the following: College Writing 2:Writing in Humanities, College Writing 2:Writing in Social Sciences, College Writing 2:Writing in Science & Technology	4	
	Foreign Languages	2 courses	6	• Students with a New TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[1-1] Chemistry(or Honor Chemistry), Chemistry Lab. [1-2] Biology, Biology Lab.	8	• Students taking Chemistry(or Honor Chemistry), Biology must also take Chemistry Lab., Biology Lab. concurrently.
Claves	Cultural Interpretation and Imagination		12	• Must earn 9 credits in more than 2 areas from among the following areas: Cultural Interpretation and Imagination, Historical Inquiry and Philosophical Thinking, Scientific Reasoning and Applications • Must take at least one course from Understanding Humans and Society area.
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses			3	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

○ 경영대학

□ College of Business Administration

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] Choose one from the following: College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, College Writing 2: Writing in Science & Technology	4	• Must take College Writing 1 • Must take one of the following: College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, College Writing 2: Writing in Science & Technology
	Foreign Languages	2 course	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	Calculus for Business, Statistics, Statistics Lab., Digital Computer Concept and Practice	10	• Students taking Statistics must also take Statistics Lab. concurrently.
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
Expansion	Art and Physical Education	Physical Education (Practice)	1	
All General Education Courses			3	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

○ 공과대학

□ General Education Requirements for Students Admitted to the College of Engineering Without a Declared Major [1-1]

General Education		Credit Requirements (19 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College writing 1	2	
	Foreign Languages	[1-1] 1 Course	3	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1	3	• Students taking 'Calculus 1' or 'Honor Calculus 1' must take the corresponding labs concurrently.
		[Science] [1-1] (1) Physics 1*(can be replaced with Foundation of Physics 1 or Honor Physics 1) and Physics Lab. 1 (2) Chemistry 1 and Chemistry Lab. 1	8	• Students taking course in [Science] must take the corresponding labs concurrently. • *Students who took High School Physics 2 in high school must take 'Physics 1' while who did not must take 'Foundation of Physics 1' . • If a student required to take 'Foundation of Physics 1' wishes to take 'Physics 1' the student must pass the minimum score requirement at Physics qualification test. ※ Department of Electrical and Computer Engineering Information approves 'Physics 1' and 'Honor Physics 1' only ('Foundation of Physics 1' is not approved).
		[Computing] [1-1] Digital Computer Concept and Practice	3	

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

□ College of Engineering (Department of Civil and Environmental Engineering)

General Education		Credit Requirements (50 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: Writing in Science & Technology	4	
	Foreign Languages	[1-1][3-1] 2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1 [1-2] Calculus 2 and Calculus Practice 2 or Honor Calculus 2 and Honor Calculus Practice 2 [2-1] Engineering Mathematics 1 [2-2] Engineering Mathematics 2	12	• Students taking Calculus 1,2 or Honor Calculus 1,2 must take the corresponding labs concurrently.
		[Science] [1-1, 1-2] Required electives Must complete at least one course (4 credits including laboratory courses) in each of the Physics and Chemistry courses (can be taken throughout the year) • Must earn 4 credits from among the following: Physics 1 • 2 (can be replaced Foundation Physics 1 • 2 or Honor Physics 1 • 2), Physics, Physics Lab. 1 • 2, Physics Lab. • Must earn 4 credits from among the following: Chemistry 1 • 2, Chemistry, Chemistry Lab. 1 • 2, Chemistry Lab. • Must earn 4 credits from among the following: Biology 1 • 2, Biology, Earth Science, Biology Lab. 1 • 2, Biology Lab. Earth Science Lab.	12	• Students taking course in [Science] must take the corresponding labs concurrently. • *Students who took High School Physics 2 in high school must take Physics 1,2 while who did not must take Foundation of Physics 1,2 instead of Physics 1,2. Note that Physics Lab. 1,2 must be taken concurrently with the corresponding courses. • If a student required to take Foundation of Physics 1,2 wishes to take Physics 1,2, the student must pass the minimum score requirement at Physics qualification
		[Computing] [2-1] Digital Computer Concept and Practice	3	
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
Empathy and Coexistence		Volunteer Social Service 1	1	• Required for all undergraduates
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

□ College of Engineering (Department of Architecture and Architectural Engineering)

General Education		Credit Requirements (40 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: Writing in Science & Technology	4	
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] (1) [1-1] Engineering Mathematics 1* (2) [1-2] Calculus 1 and Calculus Practice 1 (3) [2-1] Engineering Mathematics 2	6-9	• Students taking Calculus 1 must take the corresponding labs concurrently. • *Engineering Mathematics 1: Engineering Mathematics 1 can be replaced with Basic Mathematics and Programming Practice for Machine Learning or Introduction to Linear Algebra, but they are not counted towards General Education credit requirements.
		[Science] [1-1, 2-1] Physics 1**(can be replaced with Foundation of Physics 1,2 or Honor Physics 1) and Physics Lab. 1 [1-1, 2-1] Statistics and Statistics Lab. [1-1, 1-2] Required electives • Must earn 8 credits (including labs) in Physics 1**(can be replaced with Foundation of Physics 1,2 or Honor Physics 1) and Statistics. • Must earn 4 credits in [Science] with the corresponding lab.	12	• Students taking course in [Science] (including Statistics) must take the corresponding labs concurrently. • **Students who took High School Physics 2 in high school must take Physics 1, 2 while who did not must take Foundation of Physics 1, 2 (Note that Physics Lab. 1,2 must be taken concurrently with the corresponding courses.) • If a student required to take Foundation of Physics 1, 2 wishes to take Physics 1, 2, the student must pass the minimum score requirement at Physics qualification test.
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

☐ College of Engineering (Department of Mechanical Engineering)

General Education		Credit Requirements (49 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: One course from either Writing in Humanities, Writing in Social Sciences, Writing in Science & Technology	4	
	Foreign Languages	[1-1, 1-2] 2 courses or more	6	• Students with a TEPS score of 900 (New TEPS score of 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1 [1-2] Calculus 2 and Calculus Practice 2 or Honor Calculus 2 and Honor Calculus Practice 2 [2-1] Engineering Mathematics 1 [2-2] Engineering Mathematics 2	12	• Students taking Calculus 1, 2 or Honor Calculus 1, 2 must take the corresponding labs concurrently.
		[Science] [1-1] Physics 1*(can be replaced with Foundation of Physics 1 or Honor Physics 1) and Physics Lab. 1 [1-2] Physics 2*(can be replaced with Foundation of Physics 2 or Honor Physics 2) and Physics Lab. 2 [1-1, 1-2] Must earn 4 credits from among Chemistry 1 and Chemistry Lab. 1, Chemistry 2 and Chemistry Lab. 2, Biology 1 and Biology Lab. 1, Biology 2 and Biology Lab. 2, Chemistry(or Advanced Chemistry) and Chemistry Lab., Biology and Biology Lab., Statistics and Statistics Lab.	12	• Students taking course in [Science] (including Statistics) must take the corresponding labs concurrently. • *Students who took High School Physics 2 in high school must take Physics 1, 2 while who did not must take Foundation of Physics 1, 2. • If a student required to take Foundation of Physics 1, 2 wishes to take Physics 1, 2, the student must pass the minimum score requirement at Physics qualification test.
		[Computing] [2-1] Digital Computer Concept and Practice	3	
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

□ College of Engineering (Department of Industrial Engineering)

General Education		Credit Requirements (52 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: One course from either Writing in Humanities, Writing in Social Sciences, Writing in Science & Technology [3-2] Speech and Debate	7	
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1 [1-2] Calculus 2 and Calculus Practice 2 or Honor Calculus 2 and Honor Calculus Practice 2 [2-1] Statistics and Statistics Lab. [2-1] Engineering Mathematics 1 [2-2] Engineering Mathematics 2	16	• Students taking Statistics, Calculus 1,2 or Honor Calculus 1,2 must take the corresponding labs concurrently.
		[Science] [1-1, 1-2] Required electives • Must earn 4 credits each semester from among the following. However of subject groups: [Physics Group] Physics 1 (or Foundation of Physics 1 or Honor Physics 1) and Physics Lab 1, Physics 2 (or Foundation of Physics 2 or Honor Physics 2) and Physics Lab 2, Physics and Physics Lab; [Chemistry Group] Chemistry 1 and Chemistry Lab 1, Chemistry 2 and Chemistry Lab 2, Chemistry (or Honor Chemistry) and Chemistry Lab; [Biology Group] Biology 1 and Biology Lab 1, Biology 2 and Biology Lab 2, Biology and Biology Lab.	8	• Students taking a course in [Science] must take the corresponding labs concurrently. • *Students who took High School Physics 2 in high school must take 'Physics 1 • 2' while who did not must take 'Foundation of Physics 1 • 2'. • If a student required to take 'Foundation of Physics 1 • 2' wishes to take 'Physics 1 • 2,' the student must pass the minimum score requirement at Physics qualification test. • In case a student took both the course numbered '1' and the unnumbered one within the same subject group, only one of those two courses can be taken into account as a requirement in [Science] while the other is included in the total credit hours for liberal education requirements. ※ For example, in case a student took both 'Chemistry 1 with Chemistry Lab 1' and 'Chemistry with Chemistry Lab', only 4 credits can be taken into account as a requirement in [Science] while the total of 8 credits hours are included for liberal education requirements.
		[Computing] [1-1] Digital Computer Concept and Practice	3	
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

□ College of Engineering (Department of Energy Resources Engineering)

General Education		Credit Requirements (49 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: Writing in Science & Technology	4	
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1 [1-2] Calculus 2 and Calculus Practice 2 or Honor Calculus 2 and Honor Calculus Practice 2 [2-1] Engineering Mathematics 1 [2-2] Engineering Mathematics 2	12	• Students taking 'Calculus 1-2' or 'Honor Calculus 1-2' must take the corresponding labs concurrently.
		[Science] [1-1, 1-2] Required electives • Must earn 12 credits from among the following: Physics 1* (can be replaced with Foundation of Physics 1 or Honor Physics 1) and Physics Lab. 1, Physics 2* (can be replaced with Foundation of Physics 2 or Honor Physics 2) and Physics Lab. 2, Chemistry 1 and Chemistry Lab. 1, Chemistry 2 and Chemistry Lab. 2, Physics and Physics Lab., Chemistry and Chemistry Lab., Earth System Science and Earth System Science Lab., Statistics and Statistics Lab.	12	• Students taking course in [Science] (including Statistics) must take the corresponding labs concurrently. • *Students who took High School Physics 2 in high school must take 'Physics 1-2' while who did not must take 'Foundation of Physics 1-2'. • If a student required to take 'Foundation of Physics 1-2' wishes to take 'Physics 1-2,' the student must pass the minimum score requirement at Physics qualification test. • In case a student took both the course numbered '1' and the unnumbered one within the same subject group, only one of those two courses can be taken into account as a requirement in [Science] while the other is included in the total credit hours for liberal education requirements. ※ For example, in case a student took both 'Chemistry 1 with Chemistry Lab 1' and 'Chemistry with Chemistry Lab', only 4 credits can be taken into account as a requirement in [Science] while the total of 8 credits hours are included for liberal education requirements.
		[Computing] [1-1] Required electives • Must earn 3 credits from among the following: Digital Computer Concept and Practice, Basic Computing, Core Computing, Application of Computing	3	
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ Although (Statics), (Statics Lab.) are included in Mathematics, they are counted towards Science credit requirements.

※ When Students are exempt from taking 'Fundamentals of Computer System, Digital Computer Concept and Practice', they are recognized as fulfilling the minimum credit requirements in Foundation(Computing) even when the students did not earn the required credits. Regardless, students must meet the minimum general education credit requirement.

□ College of Engineering (Department of Nuclear Engineering)

General Education		Credit Requirements (53 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-2] College Writing 1 [2-2] College Writing 2: Writing in Science & Technology	4	
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1 [1-2] Calculus 2 and Calculus Practice 2 or Honor Calculus 2 and Honor Calculus Practice 2 [2-1] Engineering Mathematics 1 [2-2] Engineering Mathematics 2	12	• Students taking Calculus 1,2 or Honor Calculus 1,2 must take the corresponding labs concurrently.
		[Science] [1-1, 1-2] Required electives - Must earn 8 credits from the following: Physics 1*(can be replaced with Foundation of Physics 1 or Honor Physics 1) and Physics Lab. 1, Physics 2*(can be replaced with Foundation of Physics 2 or Honor Physics 2) and Physics Lab. 2 - Must earn 8 credits from the following: Chemistry 1 and Chemistry Lab. 1, Chemistry 2 and Chemistry Lab. 2, Biology 1 and Biology Lab. 1, Biology 2 and Biology Lab. 2, Chemistry(or Advanced Chemistry) and Chemistry Lab., Biology and Biology Lab., Statistics and Statistics Lab.	16	• Students taking Statistics or a course in Science must take the corresponding labs concurrently. • *Students who took High School Physics 2 in high school must take Physics 1, 2 while who did not must take Foundation of Physics 1, 2. • If a student required to take Foundation of Physics 1, 2 wishes to take Physics 1, 2, the student must pass the minimum score requirement at Physics qualification test.
		[Computing] [1-1] Digital Computer Concept and Practice	3	
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ Although (Statics), (Statics Lab.) are included in Mathematics, they are counted towards Science credit requirements.

※ When Students are exempt from taking 'Fundamentals of Computer System, Digital Computer Concept and Practice', they are recognized as fulfilling the minimum credit requirements in Foundation(Computing) even when the students did not earn the required credits. Regardless, students must meet the minimum general education credit requirement.

□ College of Engineering(Department of Materials Science and Engineering)

General Education		Credit Requirements (49 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: Writing in Science & Technology	4	
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1 [1-2] Calculus 2 or Honor Calculus and Practice 2 [2-1] Engineering Mathematics 1 [2-2] Engineering Mathematics 2	12	• Students taking Calculus 1, 2 or Honor Calculus 1, 2 must take the corresponding labs concurrently.
		[Science] [1-1, 1-2] Required electives Must earn [1-1] 8 credits, [1-2] 4 credits each semester from among the following: Physics 1* (can be replaced with Foundation of Physics 1 or Honor Physics 1) and Physics Lab. 1, Physics 2* (can be replaced with Foundation of Physics 2 or Honor Physics 2) and Physics Lab. 2, Chemistry 1 and Chemistry Lab. 1, Chemistry 2 and Chemistry Lab. 2, Physics and Physics Lab., Chemistry (or Advanced Chemistry) and Chemistry Lab.	12	• Students taking course in [Science] must take the corresponding labs concurrently. • *Students who took High School Physics 2 in high school must take Physics 1, 2 while who did not must take Foundation of Physics 1, 2. • If a student required to take Foundation of Physics 1, 2 wishes to take Physics 1, 2, the student must pass the minimum score requirement at Physics qualification test. • Must earn 8 credits in 2 semesters by taking either Physics 1, 2 or Chemistry 1, 2 in sequential order. (Recommended Physics 1,2 + Chemistry, or Chemistry 1,2 + Physics) • In case a student took both the course numbered '1' and the unnumbered one within the same subject group, only one of those two courses can be taken into account as a requirement in [Science] while the other is included in the total credit hours for liberal education requirements. ※ For example, in case a student took both 'Chemistry 1 with Chemistry Lab 1' and 'Chemistry with Chemistry Lab', only 4 credits can be taken into account as a requirement in [Science] while the total of 8 credits hours are included for liberal education requirements.
		[Computing] [1-2] Digital Computer Concept and Practice	3	
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

□ College of Engineering (Department of Electrical and Computer Engineering)

General Education		Credit Requirements (53 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2 : Writing in Science & Technology	4	
	Foreign Languages	[1-1][3-1] 2 courses	6	Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1 [1-2] Calculus 2 and Calculus Practice 2 or Honor Calculus 2 and Honor Calculus Practice 2 [1-2] Engineering Mathematics 1 [2-1] Engineering Mathematics 2	12	- Students taking 'Calculus 1:2' or 'Honor Calculus 1:2' must take the corresponding labs concurrently. - Students are required to take 'Engineering Mathematics 1' in the corresponding semester [freshman-2nd semester] since that course is prerequisite before taking 'Introduction to Circuit Theory and Laboratory' [sophomore-1st semester], 'Signals and Systems' [junior-1st semester] - Students are required to take 'Engineering Mathematics 2' in sophomore 1st semester since it is the prerequisite before taking 'Introduction to Electromagnetism with Practice' [sophomore-2nd semester]
		[Science] [1-1, 1-2] Required electives - Must earn 4 credits each semester in Physics 1 *(can be replaced with Honor Physics 1) and Physics Lab.1, Physics 2 *(can be replaced with Honor Physics 2) and Physics Lab.2, totaling 8 credits. - Must earn 4 credits each semester out of among the following: Chemistry 1 and Chemistry Lab. 1, Chemistry 2 and Chemistry Lab. 2, Biology 1 and Biology Lab. 1, Biology 2 and Biology Lab. 2, Chemistry (or Honor Chemistry) and Chemistry Lab., statistics and statistics Lab, totaling 8 credits.	16	- Students taking course in [science] area must take the corresponding labs concurrently. 'Physics 1, Physics 2'(can be replaced with ' Honor Physics 1,2') (can not be replaced with 'Foundation of Physics 1, 2') 'Physics 2' are required to take in the corresponding semester since it is the precourse before taking 'Introduction to Circuit Theory and Laboratory,' 'Introduction to Electromagnetism with Practice' - In case a student took both the course numbered '1' and the unnumbered one within the same subject group, only one of those two courses can be taken into account as a requirement in [Science] while the other is included in the total credit hours for liberal education requirements. * For example, in case a student took both 'Chemistry 1 with Chemistry Lab 1' and 'Chemistry with Chemistry Lab', only 4 credits can be taken into account as a requirement in [Science] while the total of 8 credits hours are included for liberal education requirements.
		[Computing] [1-1] Digital Computer Concept and Practice	3	Students are required to take this course in corresponding semester since it is precourse before taking 'Programming Methodology' [sophomore-1st semester]
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

□ College of Engineering (Department of Naval Architecture and Ocean Engineering)

General Education		Credit Requirements (49 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: Writing in Science & Technology	4	
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1 [1-2] Calculus 2 and Calculus Practice 2 or Honor Calculus 2 and Honor Calculus Practice 2 [2-1] Engineering Mathematics 1 [2-2] Engineering Mathematics 2	12	• Students taking Calculus 1, 2 or Honor Calculus 1, 2 must take the corresponding labs concurrently.
		[Science] [1-1, 1-2] Required electives(12) – Must earn 4 credits each semester in Physics 1*(can be replaced with Foundation of Physics 1 or Honor Physics 1) and Physics Lab. 1, Physics 2*(can be replaced with Foundation of Physics 2 or Honor Physics 2) and Physics Lab. 2, totaling 8 credits. – Must earn 4 credits from among the following: Chemistry 1 and Chemistry Lab. 1, Chemistry 2 and Chemistry Lab. 2, Chemistry(or Advanced Chemistry) and Chemistry Lab. Statistics and Statistics Lab., Earth Science and Earth Science Lab. Oceanography and Oceanography Lab.	12	• Students taking course in [Science] (including Statistics) must take the corresponding labs concurrently. • *Students who took High School Physics 2 in high school must take Physics 1, 2 while who did not must take Foundation of Physics 1, 2. • If a student required to take Foundation of Physics 1, 2 wishes to take Physics 1, 2, the student must pass the minimum score requirement at Physics qualification test.
		[Computing] [1-1] Digital Computer Concept and Practice	3	
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

□ College of Engineering (Department of Computer Science and Engineering)

General Education		Credit Requirements (49 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: Writing in Science & Technology	4	
	Foreign Languages	[1-1][3-1] 2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1 [1-2] Calculus 2 and Calculus Practice 2 or Honor Calculus 2 and Honor Calculus Practice 2 [2-1] Statistics, Statistics Lab. [2-1] Engineering Mathematics 1 [2-2] Engineering Mathematics 2	16	• Students taking Calculus 1,2 or Honor Calculus 1,2 must take the corresponding labs concurrently. • Students taking Statistics must take the lab concurrently.
		[Science] [1-1, 1-2] Required electives Must earn 8 credits from among the following: Physics 1*(can be replaced with Foundation of Physics 1 or Honor Physics 1) and Physics Lab. 1, Physics 2*(can be replaced with Foundation of Physics 2 or Honor Physics 2) and Physics Lab. 2, Chemistry 1 and Chemistry Lab. 1, Chemistry 2 and Chemistry Lab. 2, Biology 1 and Biology Lab. 1, Biology 2 and Biology Lab. 2, Physics and Physics Lab., Chemistry(or Advanced Chemistry) and Chemistry Lab., Biology and Biology Lab.	8	• Students taking course in [Science] must take the corresponding labs concurrently. • *Students who took High School Physics 2 in high school must take Physics 1, 2 while who did not must take Foundation of Physics 1, 2 • *If a student required to take Foundation of Physics 1, 2 wishes to take Physics 1, 2, the student must pass the minimum score requirement at Physics qualification test. • If a student has taken both of a two-semester sequenced course and a one-semester course in the same field, she/he can get credits only from one course recognized. ※ For example, if a student has already taken [Chemistry 1 or 2 (or Honor Chemistry 1 or 2)], she/he cannot take [Chemistry], any more and cannot get the credits from [Chemistry] recognized. Likewise, if she/he have already taken [Chemistry] and get the credits recognized, she/he cannot take [Chemistry 1 or 2 (or Honor Chemistry 1 or 2)], and get the credits recognized.
		[Computing] [1-1] Digital Computer Concept and Practice	3	
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ When Students are exempt from taking 'Fundamentals of Computer System, Digital Computer Concept and Practice', they are recognized as fulfilling the minimum credit requirements in Foundation(Computing) even when the students did not earn the required credits. Regardless, students must meet the minimum general education credit requirement.

□ College of Engineering (Department of Aerospace Engineering)

General Education		Credit Requirements (49 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: Writing in Science & Technology	4	
	Foreign Languages	[1-1, 1-2] 2 courses or more	6	Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1 [1-2] Calculus 2 and Calculus Practice 2 or Honor Calculus 2 and Honor Calculus Practice 2 [2-1] Engineering Mathematics 1 [2-2] Engineering Mathematics 2	12	Students taking Calculus 1,2 or Honor Calculus 1,2 must take the corresponding labs concurrently. (Take classes at the time)
		[Science] [1-1] Physics 1*(can be replaced with Foundation of Physics 1 or Honor Physics 1) and Physics Lab. 1 [1-2] Physics 2*(can be replaced with Foundation or of Physics 2 or Honor Physics 2) and Physics Lab. 2 [1-1, 1-2] Must earn 4 credits from among Chemistry 1 and Chemistry Lab. 1, Chemistry 2 and Chemistry Lab. 2, Biology 1 and Biology Lab. 1, Biology 2 and Biology Lab. 2, Chemistry(or Advanced Chemistry) and Chemistry Lab., Biology and Biology Lab., Statistics and Statistics Lab.	12	- Students taking course in [Science] must take the corresponding labs concurrently. *Students who took High School Physics 2 in high school must take Physics 1, 2 while who did not must take Foundation of Physics 1, 2. - If a student required to take Foundation of Physics 1, 2 wishes to take Physics 1, 2, the student must pass the minimum score requirement at Physics qualification test.
		[Computing] [2-1] Digital Computer Concept and Practice	3	
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				Students may select any courses from the list of General Education courses.

* The above requirements are applied to students admitted in and after 2025.

* Numbers in brackets indicate semester scheduling recommendations.

□ College of Engineering (Department of Chemical and Biological Engineering)

General Education		Credit Requirements (53 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: Writing in Science & Technology	4	
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] [1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1 [1-2] Calculus 2 and Calculus Practice 2 or Honor Calculus 2 and Honor Calculus Practice 2 [2-1] Engineering Mathematics 1 [2-2] Engineering Mathematics 2	12	• Students taking Calculus 1,2 or Honor Calculus 1,2 must take the corresponding labs concurrently.
		[Science] [1-1, 1-2] Required 16 credits(8 credits for each semester) (1) Physics 1*(can be replaced with Foundation of Physics 1 or Honor Physics 1) and Physics Lab. 1, Physics 2*(can be replaced with Foundation of Physics 2 or Honor Physics 2) and Physics Lab. 2 (2) Chemistry 1 and Chemistry Lab. 1, Chemistry 2 and Chemistry Lab. 2	16	• Students taking a course in [Science] must take the corresponding labs concurrently. • *Students who took High School Physics 2 in high school must take Physics 1 • 2 while who did not must take Foundation of Physics 1 • 2. (Note that Physics Lab. 1 • 2 must be taken concurrently with the corresponding courses.) • If a student required to take Foundation of Physics 1 • 2 wishes to take Physics 1 • 2, the student must pass the minimum score requirement at Physics qualification test.
		[Computing] [1-1] Digital Computer Concept and Practice	3	
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

○ 농업생명과학대학

□ College of Agriculture and Life Sciences (Department of Agricultural Economics and Rural Development)

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-2] College Writing 1 [2-1] Must earn credits from among College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, or College Writing 2: Writing in Science & Technology.	4	
	Foreign Languages	2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing		3	
Claves	Cultural Interpretation and Imagination		9	• Must earn 9 credits in at least 3 of 4 areas.
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses			11	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

□ College of Agriculture and Life Sciences (Department of Smart Systems)

General Education		Credit Requirements (42 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-2] College Writing 1 [2-1] Must earn credits from among College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, or College Writing 2: Writing in Science & Technology.	4	
	Foreign Languages	2 courses	6	Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	Take one from among the following (1)-(3): (1)Calculus for Life Science 1 · 2, (2)Calculus 1 · 2 and Calculus Practice 1 · 2, (3)Honor Calculus 1 · 2 and Honor Calculus Practice 1 · 2 Take two from among the following (1)-(5): (1)Physics · Physics Lab., (2)Chemistry(or Advanced Chemistry · Chemistry Lab., (3)Biology · Biology Lab., (4)Atmospheric Science · Atmospheric Science Lab., (5)Earth System Science · Earth System Science Lab., Take two from among the following (1)-(8): (1)Digital Computer Concept and Practice (2)Computer Application for Scientific Computation (3)Introduction to Artificial Intelligence (4)Basic Computing: First Adventures in Computing (5)Core Computing: Thinking with Computers (6)Application of Computing: Machine Learning Concept and Applications (7)Application of Computing: Basics of Natural Language Processing (8)Application of Computing: Basics of Data Science	20	- Must earn 6 credits in Mathematics, 8 credits in Science, and 6 credits in Computing. - Students taking Calculus 1,2 or Honor Calculus 1,2 must take the corresponding labs concurrently. - Students taking Physics, Chemistry (or Advanced Chemistry), Biology, Atmospheric Science, Earth System Science must take corresponding labs concurrently.
Claves	Cultural Interpretation and Imagination		9	Must earn 9 credits in at least 3 of 4 areas.
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

□ College of Agriculture and Life Sciences (Excluding Department of Agricultural Economics and Rural Development and Department of Smart Systems)

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-2] College Writing 1 [2-1] Must earn credits from among College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, or College Writing 2: Writing in Science & Technology.	4	
	Foreign Languages	2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	Take one from among the following (1)-(3): (1)Calculus for Life Science 1 · 2 (2)Calculus 1 · 2 and Calculus Practice 1 · 2, (3)Honor Calculus 1 · 2 and Honor Calculus Practice 1 · 2 Take two from among the following (1)-(5): (1)Physics · Physics Lab. (2)Chemistry (or Advanced Chemistry) · Chemistry Lab. (3)Biology · Biology Lab. (4)Atmospheric Science · Atmospheric Science Lab. (5)Earth System Science · Earth System Science Lab.	14	• Must earn 6 credits in Mathematics and must earn 8 credits in Science. • Students taking Calculus 1,2 or Honor Calculus 1,2 must take the corresponding labs concurrently. • Students taking Physics, Chemistry (or Advanced Chemistry), Biology, Atmospheric Science, Earth System Science must take corresponding labs concurrently.
Claves	Cultural Interpretation and Imagination		9	• Must earn 9 credits in at least 3 of 4 areas.
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

○ 미술대학

□ College of Fine Arts

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] Must earn credits from among College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, or College Writing 2: Writing in Science & Technology.	4	
	Foreign Languages	2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing		3	
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses			11	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

○ 사범대학

□ College of Education (Department of Education, Department of German Language Education, Department of French Language Education, Department of Social Studies Education, Department of Geography Education, Department of Ethics Education, Department of Physical Education)

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Academic Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] Must earn 2 credits from among College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, or College Writing 2: Writing in Science & Technology.	4	• College Writing 2 can be replaced with Logic and Writing in education of each department.
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900(New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing		3	
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
Expansion	Art and Physical Education		2	• Must earn 2 credits from among Physical Education courses. (※ Department of Physical Education is excluded)
All General Education Courses			9	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ Even when students take 'Logic and Writing' in education of each department as a replacement of 'College Writing 2', they must meet the minimum general education credit requirements(36 or more).

□ College of Education (Department of Korean Language Education, Department of English Education)

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Academic Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] Must earn 2 credits from among College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, or College Writing 2: Writing in Science & Technology.	4	• College Writing 2 can be replaced with Logic and Writing in education of each department.
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900(New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[1-1] Must earn 3 credits from among Basic Computing, Core Computing, Application of Computing or Digital Computer Concept and Practice.	3	
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
Expansion	Art and Physical Education		2	• Must earn 2 credits from among Physical Education courses.
All General Education Courses			9	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ Even when students take 'Logic and Writing' in education of each department as a replacement of 'College Writing 2', they must meet the minimum general education credit requirements(36 or more).

□ College of Education (Department of History Education)

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Academic Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] Must earn 2 credits from among College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, or College Writing 2: Writing in Science & Technology.	4	• College Writing 2 can be replaced with Logic and Writing in education of each department.
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900(New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[1-1] Must earn 3 credits from among Basic Computing, Core Computing, Application of Computing or Digital Computer Concept and Practice.	3	
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
Expansion	Art and Physical Education		1	• Must earn 1 credits from among Physical Education courses.
All General Education Courses			10	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ Even when students take 'Logic and Writing' in education of each department as a replacement of 'College Writing 2', they must meet the minimum general education credit requirements(36 or more).

□ College of Education (Department of Mathematics Education)

General Education		Credit Requirements (41 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] Must earn 2 credits from among College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, or College Writing 2: Writing in Science & Technology.	4	• College Writing 2 can be replaced with Mathematical Logic and Writing.
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900(New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[1-1] Calculus 1 and Calculus Practice 1 or Honor Calculus 1 and Honor Calculus Practice 1 [1-2] Calculus 2 and Calculus Practice 2 or Honor Calculus 2 and Honor Calculus Practice 2	6	• Students taking courses with a practice component must take the corresponding practice course concurrently in the same semester
		[1-1, 1-2] Must take one course among Physics 1·2(or Honor Physics 1·2), Chemistry 1·2, Biology 1·2, Physics, Chemistry (or Advanced Chemistry), Biology, Earth Science, and Statistics for each semester,	8	• Students taking Physics 1·2(or Honor Physics 1·2), Chemistry 1·2, Biology 1·2, Physics, Chemistry (or Advanced Chemistry), Biology, Earth Science, Statistics must take the corresponding labs concurrently. • Students who did not complete Physics 1,2 in high school may take Foundation of Physics 1,2 instead of Physics 1,2. Note that Physics Lab. 1,2 must be taken concurrently with the corresponding courses.
		Must earn 3 credits from among Basic Computing, Core Computing, Application of Computing or Digital Computer Concept and Practice.	3	
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
Expansion	Art and Physical Education		2	• Must earn 2 credits from among Physical Education courses.
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ Even when students take 'Mathematical Logic and Writing' in education of each department as a replacement of 'College Writing 2', they must meet the minimum general education credit requirements(41 or more).

□ College of Education (Department of Physics Education)

General Education		Credit Requirements (39 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: Writing in Science & Technology.	4	• College Writing 2 can be replaced with Logic and Writing in Science.
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900(New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[1-1] Physics 1(or Honors Physics 1) and Physics Lab 1 [1-1, 1-2] • Chemistry and Chemistry Lab • Biology and Biology Lab • Earth Science and Earth Science Lab	4 12	• Students taking science courses must enroll in the corresponding lab course in the same semester. ※ Chemistry 1,2 and Biology 1,2 including their corresponding lab courses are not recognized.
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
Expansion	Art and Physical Education		1	• Must earn 1 credits from among Physical Education courses.
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ Even when students take 'Logic and Writing in Science' as a replacement of 'College Writing 2', they must meet the minimum general education credit requirements(39 or more).

□ College of Education (Department of Chemistry Education)

General Education		Credit Requirements (45 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [2-1] College Writing 2: Writing in Science & Technology.	4	• College Writing 2 can be replaced with Logic and Writing in Science
	Foreign Languages	2 courses	6	• Students with a TEPS score of 900(New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[1-1] Chemistry 1 and Chemistry Lab 1	4	- Students taking courses with a practice component must take the corresponding practice course concurrently in the same semester - Students taking science courses must enroll in the corresponding lab course in the same semester.
		[1-1, 1-2] • Must earn 4 credits from among Physics and Physics Lab, Physics 1(or Physics 2) and Physics Lab 1(or Physics Lab 2) • Must earn 4 credits from among Biology and Biology Lab, Biology 1(or Biology 2) and Biology Lab 1(or Biology Lab 2)	8	
		[1-2] Earth Science and Earth Science Lab	4	
		Must earn 6 credits from among Calculus 1(or Calculus 2) and Calculus Practice 1(or Calculus Practice 2), Introduction to Computing, Core Computing, Applied Computing, Concepts and Practice of Computers.	6	
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
Expansion	Art and Physical Education		1	• Must earn 1 credits from among Physical Education courses.
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ Even when students take 'Logic and Writing in Science' as a replacement of 'College Writing 2', they must meet the minimum general education credit requirements(45 or more).

□ College of Education (Department of Biology Education)

General Education		Credit Requirements (45 or more)																				
Areas		Required Courses	Credits	Comments																		
Acadmic Foundation	Writing and Speaking	[1-1] College Writing 1 [2-1] College Writing 2: Writing in Science & Technology.	4	• College Writing 2 can be replaced with Logic and Writing in Science																		
	Foreign Languages	2 courses	6	• Students with a TEPS score of 900(New TEPS 525) and below upon matriculation must take at least one English course.																		
	Mathematics, Science, and Computing	Biology 1 and Biology Lab 1	4	• Students taking courses with a practice component must take the corresponding practice course concurrently in the same semester • Students taking science courses must enroll in the corresponding lab course in the same semester. <table><tr><th>Science course</th><th>lab course</th></tr><tr><td>Biology 1</td><td>Biology Lab 1</td></tr><tr><td>Physics</td><td>Physics Lab</td></tr><tr><td>Physics 1 (or Honors Physics 1)</td><td>Physics Lab 1</td></tr><tr><td>Physics 2 (or Honors Physics 2)</td><td>Physics Lab 2</td></tr><tr><td>Chemistry (or Honors Chemistry)</td><td>Chemistry Lab</td></tr><tr><td>Chemistry 1</td><td>Chemistry Lab 1</td></tr><tr><td>Chemistry 2</td><td>Chemistry Lab 2</td></tr><tr><td>Earth Science</td><td>Earth Science Lab</td></tr></table>	Science course	lab course	Biology 1	Biology Lab 1	Physics	Physics Lab	Physics 1 (or Honors Physics 1)	Physics Lab 1	Physics 2 (or Honors Physics 2)	Physics Lab 2	Chemistry (or Honors Chemistry)	Chemistry Lab	Chemistry 1	Chemistry Lab 1	Chemistry 2	Chemistry Lab 2	Earth Science	Earth Science Lab
		Science course	lab course																			
		Biology 1	Biology Lab 1																			
		Physics	Physics Lab																			
		Physics 1 (or Honors Physics 1)	Physics Lab 1																			
		Physics 2 (or Honors Physics 2)	Physics Lab 2																			
	Chemistry (or Honors Chemistry)	Chemistry Lab																				
	Chemistry 1	Chemistry Lab 1																				
Chemistry 2	Chemistry Lab 2																					
Earth Science	Earth Science Lab																					
Must earn 4 credits from among Chemistry(or Honors Chemistry) and Chemistry Lab, Chemistry 1 and Chemistry Lab 1, Chemistry 2 and Chemistry Lab 2	4																					
Must earn 4 credits from among Physics and Physics Lab, Physics 1(or Honors Physics 1) and Physics Lab 1, Physics 2(or Honors Physics 2) and Physics Lab2	4																					
Earth Science and Earth Science Lab	4																					
Must earn 6 credits from among Calculus 1(or Honors Calculus 1) and Calculus Practice 1(or Honors Calculus Practice 1), Calculus 2(or Honors Calculus 2) and Calculus Practice 2(or Honors Calculus Practice 2), Introduction to Computing, Core Computing, Applied Computing, Concepts and Practice of Computers.	6																					
Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas																			
Historical Inquiry and Philosophical Thinking																						
Understanding Humans and Society																						
Scientific Reasoning and Applications																						
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area																		
	Veritas Lecture 2																					
	Veritas Practice																					
Expansion	Art and Physical Education		1	• Must earn 1 credits from among Physical Education courses.																		
All General Education Courses				• Students may select any courses from the list of General Education courses.																		

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ Even when students take 'Logic and Writing in Science' as a replacement of 'College Writing 2', they must meet the minimum general education credit requirements(45 or more).

□ College of Education (Department of Earth Science Education)

General Education		Credit Requirements (44 or more)		
Areas		Required Courses	Credits	Comments
Academic Foundation	Writing and Speaking	[1-1] College Writing 1 [2-1] College Writing 2: Writing in Science & Technology.	4	• College Writing 2 can be replaced with Logic and Writing in Science
	Foreign Languages	[1-1, 1-2] 2 courses	6	• Students with a TEPS score of 900(New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[1-1] Must earn 3 credits from among Calculus 1 (or Honors Calculus 1), Calculus Practice 1 (or Honors Calculus Practice 1)	3	• Students taking courses with a practice component must take the corresponding practice course concurrently in the same semester • Students taking science courses must enroll in the corresponding lab course in the same semester. • Students who did not complete Physics 1,2 in high school may take Foundation of Physics 1,2 instead of Physics 1,2. Note that Physics Lab. 1,2 must be taken concurrently with the corresponding courses.
		Must earn 4 credits from among Physics and Physics Lab, Physics 1(or Honors Physics 1) and Physics Lab 1, Physics 2(or Honors Physics 2) and Physics Lab 2	4	
		Must earn 4 credits from among Chemistry and Chemistry Lab, Chemistry 1 and Chemistry Lab 1, Chemistry 2 and Chemistry Lab 2	4	
		Must earn 4 credits from among Biology and Biology Lab, Biology 1(or Biology 2) and Biology Lab 1(or Biology Lab 2)	4	
		[1-1, 1-2] Must earn 6-7 credits from among Calculus 2 (or Honors Calculus 2), Calculus Practice 2 (or Honors Calculus Practice 2), Earth Science and Earth Science Lab, Introduction to Computing, Core Computing, Applied Computing, Concepts and Practice of Computers.	6-7	
	Claves	Cultural Interpretation and Imagination	9	• Must earn at least 9 credits in at least 3 out of 4 areas
		Historical Inquiry and Philosophical Thinking		
		Understanding Humans and Society		
		Scientific Reasoning and Applications		
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
Expansion	Art and Physical Education		1	• Must earn 1 credits from among Physical Education courses.
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ Even when students take 'Logic and Writing in Science' as a replacement of 'College Writing 2', they must meet the minimum general education credit requirements(44 or more).

○ 생활과학대학

□ College of Human Ecology (Division of Consumer and Child Studies(Consumer Science Major))

General Education		Credit Requirements (40 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1, 1-2] College Writing 1 [2-1] College Writing 2: Writing in Social Sciences	4	
	Foreign Languages		6	• Students with a TEPS score of 800 (New TEPS 452) or below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[1-2] Statistics, Statistics Lab.	4	• Students taking Statistics must take Statistics Lab. in the same semester.
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications		3	
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses			11	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

□ College of Human Ecology (Division of Consumer and Child Studies(Child Development and Family Studies Major))

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1, 1-2] College Writing 1 [2-1] College Writing 2: Writing in Social Sciences	4	
	Foreign Languages		6	• Students with a TEPS score of 800 (New TEPS 452) or below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing		3	
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications		3	
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses			8	• Students may select any courses from the list of General Education courses.

- ※ The above requirements are applied to students admitted in and after 2025.
 ※ Numbers in brackets indicate semester scheduling recommendations.

□ College of Human Ecology (Department of Food and Nutrition)

General Education		Credit Requirements (40 or more)		
Areas		Required Courses	Credits	Comments
Founda- tion	Writing and Speaking	[1-2] College Writing 1 [4-1] College Writing2: Writing in Sciences Technology [3-1] Speech and Debate	7	
	Foreign Languages		6	• Students with a TEPS score of 800 (New TEPS 452) or below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[1-1] Statistics (or Biostatistics), Statistics Lab. (or Biostatistics Lab.) [1-1] Chemistry (or Advanced Chemistry), Chemistry Lab. [1-1] Biology, Biology Lab. [1-2] Must earn 3 or 4 credits from either Calculus for Life Science 1, or Physics and Physics Lab., or Digital Computer Concept and Practice (or Basic Computing or Core Computing or Application of Computing)	15 (16)	• Students taking Statistics (or Biostatistics), Chemistry (or Advanced Chemistry), Biology, or Physics must take the corresponding lab course in the same semester.
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

□ College of Human Ecology (Department of Fashion and Textiles)

General Education		Credit Requirements (40 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: One course from among the followings: Writing in Social Sciences, Writing in Science & Technology [3-1] Speech and Debate	7	
	Foreign Languages		6	• Students with a TEPS score of 800 (New TEPS 452) or below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[1-1] Must earn 3 or 4 credits among the followings: Statistics and Statistics Lab. or Basic Computing: First Adventures in Computing [1-2] Must earn 3 or 4 credits among the followings: Calculus for Life Science 1, or Biology and Biology Lab., or Chemistry and Chemistry Lab.	6-8	• Students taking Statistics, Biology, or Chemistry must take the corresponding lab course in the same semester. • Students who did not complete Mathematics for Science in high school may take Calculus for Humanities and Social Sciences 1 instead of Calculus for Life Science 1.
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses			7-9	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

○ 수의과대학

□ College of Veterinary Medicine (Department of Preliminary Veterinary Medicine)

General Education		Credit Requirements (42 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] College Writing 2: Writing in Science & Technology	4	• College Writing 1: A freshman course
	Foreign Languages	One College English course and one Foreign Language course	6	• Students with a TEPS score of 801 and above upon matriculation must take Advanced English: Presentation.
	Mathematics, Science, and Computing	[1-1, 1-2] Must take either Calculus for Life Science 1 or Calculus for Life Science 2	3	• Recommended: Calculus for Life Science 1 or Calculus for Life Science 2
		[1-1, 1-2] Must take 1 courses (with labs) from among the following: Physics, Chemistry(or advanced chemistry)	4	• Students taking Physics, Chemistry(or advanced chemistry) must take the corresponding labs concurrently.
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area - Veritas Lecture 2 is excluded because it is for undergraduate seniors(third to fourth graders).
	Veritas Practice			
	Veritas Lecture 2			
Exploration	Empathy and Coexistence		7	• 'Physical Education 1·2' and 'Volunteer Social Service 1' classes are recommended
	Creativity and Independent Study			
	Arts and Physical Education			
	Undergraduate Seminars			
All General Education Courses			6	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

○ 약학대학

□ College of Pharmacy

General Education			Credit Requirements (36 or more)		
Areas			Required Courses	Credits	Comments
Foundation	Writing and Speaking		[1-1] College writing 1 [1-2] Must earn 2 credits from among College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, College Writing 2: Writing in Science & Technology.	4	
	Foreign Languages		2 Courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	Mathematics	Must take either Calculus for Life Science 1 or Calculus for Life Science 2	3	
		Science	Must take 1 course(with lab) from among the followings: •Chemistry and Chemistry Lab. •Advanced Chemistry and Chemistry Lab.	8	• Students taking courses in Natural Sciences must take the corresponding labs concurrently.
			Mandatory: Biology and Biology Lab.		
		Computing	Must take 1 of the following courses: •Basic Computing •Core Computing •Application of Computing •Biostatistics and Biostatistics Lab.	3(4)	• Students taking Biostatistics must take Biostatistics Lab. concurrently.
Claves	Cultural Interpretation and Imagination			9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking				
	Understanding Humans and Society				
	Scientific Reasoning and Applications				
Veritas	Veritas Lecture 1			3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2				
	Veritas Practice				
All General Education Courses					• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

○ 음악대학

□ College of Music

General Education		Credit Requirements (36 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1, 1-2] College Writing 1 [2-1] Must earn credits from among College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, or College Writing 2: Writing in Science & Technology.	4	• College Writing 1: Mandatory • College Writing 2: Elective 1
	Foreign Languages	2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing		3	
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses			11	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

○ 의과대학(의예과)

□ College of Medicine (Department of Preliminary Medicine)

General Education		Credit Requirements (41 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-1] Speech and Debate [1-2] College Writing 1 [2-1, 2-2] College Writing 2: Writing in Science & Technology	7	• Must complete College Writing 1 and then complete College Writing 2: Writing in Science & Technology
	Foreign Languages	2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[1-1] 1 course from among Calculus for Life Science 1, Calculus for Life Science 2, Honor Calculus 1 and Honor Calculus Practice 1, Honor Calculus 2 and Honor Calculus Practice 2	3	• Students must take one course between Calculus for Life Science 1 or 2. Those who have to take Honor Calculus and Practice may take a major course(3 credits) in the Department of Mathematical Sciences instead. • Students taking Honor Calculus 1,2 must take the corresponding labs concurrently.
		[1-1 · 2] Must take 1 courses (with labs) from among the following: Chemistry · Chemistry Lab, Advanced Chemistry · Advanced Chemistry Lab	8	• Students taking Chemistry (or Advanced Chemistry), Biology must take the corresponding labs concurrently.
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses			5	• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.
 ※ Numbers in brackets indicate semester scheduling recommendations.

○ 첨단융합학부

□ School of Transdisciplinary Innovations

General Education		Credit Requirements (51 or more)		
Areas		Required Courses	Credits	Comments
Foundation	Writing and Speaking	[1-2] College writing 1	2	
		[3-1, 3-2, 4-1, 4-2] College Writing 2: Writing in Science & Technology	2	• Mandatory course for Certificate Program
	Foreign Languages	2 Courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course
	Mathematics, Science, and Computing	[1-1] Completion of one course in each of the area of Mathematics, Science, and Computing (Total three courses) Completion of at least three additional subjects in the areas of Mathematics, Science, and Computing	20	• Students should complete at least 10 credits of three courses, including one subject each from Mathematics, Science, and Computing, and at least three additional subjects from these areas. • Students who take courses in Mathematics must take special exam for freshmen, and register for courses appropriate to their level based on the results.. • Students who take courses in Science should take special exam for freshmen, and register for courses appropriate to their level based on the results. • Students who take courses in Mathematics or Science should take corresponding practice or lab course at the same semester.
Claves	Cultural Interpretation and Imagination		3	
	Historical Inquiry and Philosophical Thinking		3	
	Understanding Humans and Society		3	
	Scientific Reasoning and Applications		3	
Veritas	Veritas Lecture 1	[1-1] Veritas Lecture 1	3	
	Veritas Lecture 2	[3-1, 3-2, 3-3, 3-4] Veritas Lecture 2	3	
	Veritas Practice	[1-2] Veritas Practice	3	
All General Education Courses				• Students may select any courses from the list of General Education courses.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ When students take each course in the following table, it can be admitted as the course in the area of Mathematics, Science, and Computing respectively.

the courses in the area of Mathematics, Science, or Computing that were admitted by School of Transdisciplinary Innovations	
Mathematics	Calculus 1,2, Engineering Mathematics 1,2, Differential and Integral Calculus 1,2, Honor Calculus 1,2, Statistics, Biostatistics
Science	Physics, Physics 1, Physics 2, Chemistry, Chemistry 1, Chemistry 2, Biology, Biology 1, Biology 2, Statistics, Biostatistics
Computing	Basic Computing, Core Computing, Application of Computing, Digital Computer Concept and Practice

- ※ <Statistics> and <Biostatistics> are not admitted simultaneously.
- ※ <Calculus 1>, <Differential and Integral Calculus 1>, and <Honor Calculus 1> are not admitted simultaneously.
- ※ <Calculus 2>, <Differential and Integral Calculus 2>, and <Honor Calculus 2> are not admitted simultaneously.
- ※ <Physics 1> and <Honor Physics 1> are not admitted simultaneously.
- ※ <Physics 2> and <Honor Physics 2> are not admitted simultaneously.
- ※ <Physics> is not admitted with <Physics 1> or <Physics 2>, <Honor Physics 1> or <Honor Physics 2> simultaneously.
- ※ <Chemistry> is not admitted with <Chemistry 1> or <Chemistry 2>, <Advanced Chemistry> simultaneously.
- ※ <Advanced Chemistry> is not admitted with <Chemistry 1> or <Chemistry 2> simultaneously.
- ※ <Biology> is not admitted with <Biology 1> or <Biology 2> simultaneously.
- ※ <Digital Computer Concept and Practice> is not admitted with <Basic Computing> or <Core Computing> simultaneously.

○ 치의학대학원

□ School of Dentistry BS/DDS Combined Degree Program (Undergraduate Program)

General Education		Credit Requirements (44 or more)		
Areas	Required Courses	Credits	Comments	
Foundation	Writing and Speaking	[1-1] College Writing 1 [1-2] Must earn credits from among College Writing 2: Writing in Humanities, College Writing 2: Writing in Social Sciences, or College Writing 2: Writing in Science & Technology.	4	
	Foreign Languages	2 courses	6	• Students with a TEPS score of 900 (New TEPS 525) and below upon matriculation must take at least one English course.
	Mathematics, Science, and Computing	[Mathematics] one course	3	• Recommended: Calculus for Life Science 1 or Calculus for Life Science 2 • Courses offered with corresponding practice requirements must be taken concurrently. (Student taking Calculus 1,2, Honor Calculus 1,2, Differential and Integral Calculus 1,2 must take the corresponding practices(Calculus Practice 1,2, Honor Calculus Practice 1,2, Differential and Integral Calculus Practice 1,2 concurrently)
		[Science] Physics (including Physics Lab.) Chemistry (or Advanced Chemistry) (including Chemistry Lab.) Biology (including Biology Lab.)	12	• Physics1·2, Chemistry 1·2 (Chemistry Lab1·2), or Biology1·2 (Biology Lab 1·2) successfully completed before first semester of 2015 are considered to be equivalent to Physics, Chemistry (including Chemistry Lab.), and Biology (including Biology Lab.) respectively. • Students taking Physics, Chemistry (or Advanced Chemistry) and Biology must take the corresponding Lab classes.
		[Computing] one course	3	
Claves	Cultural Interpretation and Imagination		9	• Must earn at least 9 credits in at least 3 out of 4 areas
	Historical Inquiry and Philosophical Thinking			
	Understanding Humans and Society			
	Scientific Reasoning and Applications			
Veritas	Veritas Lecture 1		3	• Must earn at least 3 credits in Veritas area
	Veritas Lecture 2			
	Veritas Practice			
All General Education Courses		Must take more than 2 physical education courses and Volunteer Social Service 1.	4	• Students may select any courses from the list of General Education courses. • Only practice is admitted in Physical Education.

※ The above requirements are applied to students admitted in and after 2025.

※ Numbers in brackets indicate semester scheduling recommendations.

※ Students must consult with the academic advisor before enrolling in any courses.