

## □ General Courses and Requirements

### 1. General Course Requirements

Admission Year	Requirements
2018 and thereafter	<ul style="list-style-type: none"> <li>◦ Mandatory General Courses: 7 credits and 8AU English Presentation &amp; Discussion (1), Advanced English Listening (1), Advanced English Reading (1), Advanced English Writing (1), Writing (3), Physical Education (4AU), Humanity/Leadership(2AU), Happy College Life (1AU), Exciting College Life (1AU)               <ul style="list-style-type: none"> <li>* Community Service : Not applicable to students who entered KAIST in 2011 and thereafter. Leadership mileage will be awarded for proof of community service.</li> <li>* AU(Activity Unit) is not counted as GPA, but is required for graduation.</li> </ul> </li> <li>◦ Elective General Course in Humanities &amp; Social Sciences : At least 21 credits 21 credits including at least 1 course in each of 2 categories among 3 (Humanity, Society, Literature and Arts)               <ul style="list-style-type: none"> <li>* Students having a double major are required to take 12 credits without considering categories.</li> </ul> </li> </ul>
2014 and thereafter	<ul style="list-style-type: none"> <li>◦ Mandatory General Courses: 7 credits and 9AU English Presentation &amp; Discussion(1), Advanced English Listening(1), Advanced English Reading (1), Advanced English Writing (1), Writing (3), Physical Education(4AU), Humanity/Leadership(2AU), Ethics and Safety II (1AU), Happy College Life(1AU), Exciting College Life(1AU)               <ul style="list-style-type: none"> <li>* Community Service : Not applicable to students who entered KAIST in 2011 and thereafter. Leadership mileage will be awarded for proof of community service.</li> <li>* AU(Activity Unit) is not counted as GPA, but is required for graduation.</li> </ul> </li> <li>◦ Elective General Course in Humanities &amp; Social Sciences : At least 21 credits 21 credits including at least 1 course in each of 2 categories among 3 (Humanity, Society, Literature and Arts)               <ul style="list-style-type: none"> <li>* Students having a double major are required to take 12 credits without considering categories.</li> </ul> </li> </ul>
2011~2013	<ul style="list-style-type: none"> <li>◦ Mandatory General Courses: 6 credits and 9AU English Communication(1), Critical Thinking in English(2), Writing(3), Physical Education(4AU), Humanity/Leadership(2AU), Ethics and Safety II (1AU), Happy College Life(1AU), Exciting College Life(1AU)               <ul style="list-style-type: none"> <li>* Community Service : Not applicable to students who entered KAIST in 2011 and thereafter. Leadership mileage will be awarded for proof of community service.</li> <li>* AU(Activity Unit) is not counted as GPA, but is required for graduation.</li> </ul> </li> <li>◦ Elective General Course in Humanities &amp; Social Sciences : At least 21 credits 21 credits including at least 1 course in each of 2 categories among 3 (Humanity, Society, Literature and Arts)               <ul style="list-style-type: none"> <li>* Students having a double major are required to take 12 credits without considering categories</li> </ul> </li> </ul>
2009~2010	<ul style="list-style-type: none"> <li>◦ Mandatory General Courses: 6 credits and 9AU English Communication(1), Critical Thinking in English(2), Writing(3), Physical Education(4AU), Community Service(2AU), Humanity/Leadership(2AU), Ethics and Safety II (1AU)</li> </ul>

Admission Year	Requirements
	<ul style="list-style-type: none"> <li>* AU(Activity Unit) is not counted as GPA, but is required for graduation.</li> <li>◦ Elective General Course in Humanities &amp; Social Science : At least 21 credits <ul style="list-style-type: none"> <li>- 21 credits including at least 1 course in each of 2 categories among 3 (Humanity, Society, Literature and Arts)</li> <li>- Students who entered KAIST in 2007 and thereafter should earn at least 9 credits through lectures in English among the 21 credits as required by Elective General Courses requirement in the Department of Humanities &amp; Social Sciences.</li> </ul> </li> <li>* Students having a double major are required to take 12 credits without considering categories (Students who entered KAIST in 2007~2010 should take 6 credits through lectures in English).</li> </ul>
2007~2008	<ul style="list-style-type: none"> <li>◦ Mandatory General Courses: 7 credits and 9AU English Communication I(1), English Communication II(1), English Reading&amp;Writing(2), Writing(3), Physical Education(4AU), Community Service(2AU), Humanity/Leadership(2AU), Ethics and Safety II (1AU)</li> <li>* AU(Activity Unit) is not counted as GPA, but is required for graduation.</li> <li>◦ Elective General Course in Humanities &amp; Social Sciences : At least 21 credits <ul style="list-style-type: none"> <li>- 21 credits including at least 1 course in each of 2 categories among 5 (Science Technology; Literature and Art; History and Philosophy; Social Science; Foreign Language and Linguistics) or at least 1 course in each of 2 categories among 3 ((Humanity, Society, Literature and Arts)</li> <li>- Students who entered KAIST in 2007 and thereafter should earn at least 9 credits through lectures in English among the 21 credits as required by Elective General Courses requirement in the Department of Humanities &amp; Social Sciences.</li> </ul> </li> <li>※ Students having a double major are required to take 12 credits without considering categories (Students who entered KAIST in 2007~2010 should take 6 credits through lectures in English).</li> </ul>
1998 ~ 2006	<ul style="list-style-type: none"> <li>◦ Mandatory General Courses: 7 credits and 9AU English I(2), English II(2), Writing(3), Physical Education(4AU), Community Service(4AU), Ethics and Safety II (1AU)</li> <li>* AU(Activity Unit) is not counted as GPA, but is required for graduation.</li> <li>◦ Elective General Course in Humanities &amp; Social Sciences : At least 21 credits 21 credits including at least 1 course in each of 2 categories among 5 (Science Technology; Literature and Art; History and Philosophy; Social Science; Foreign Language and Linguistics) or at least 1 course in each of 2 categories among 3 (Humanity, Society, Literature and Arts)</li> <li>* Students having a double major are required to take 12 credits without considering categories.</li> </ul>

※ Substitutes for abolished and changed English courses

- English Communication I → Intermediate English Speaking & Listening
- English Communication II → English Presentation & Discussion
- English Reading & Writing → Intermediate English Reading & Writing
- Critical Thinking in English → Intermediate English Reading & Writing
- English I → Intermediate English Speaking & Listening
- English II → Intermediate English Reading & Writing

## 2. Humanities and Social Sciences Curriculum

Classification		Subject No.		Subject Name	L:L:C(H)	Remark
Mandatory General Courses	Writing	HSS001	10.103	Logical Writing	3:0:3(6)	
		HSS002	10.274	Critical Writing	3:0:3(6)	
		HSS003	10.275	Practical Writing	3:0:3(6)	
		HSS004	10.276	Creative Writing	3:0:3(6)	
		HSS006	10.108	Basic KoreanI for Foreign Students	3:0:3(6)	
	English	HSS022	10.022	English Presentation & Discussion	2:0:1(4)	
		HSS023	10.023	Advanced English Listening	2:0:1(4)	
		HSS024	10.024	Advanced English Writing	2:0:1(4)	
		HSS025	10.025	Advanced English Reading	2:0:1(4)	
	Physical Education	HSS040	10.180	Badminton	2AU	
HSS041		10.181	Swimming	2AU		
HSS042		10.182	Tennis	2AU		
HSS043		10.183	Basketball	2AU		
HSS045		10.195	Baseball	2AU		
HSS046		10.186	Golf	2AU		
HSS047		10.187	Soccer and Futsal	2AU		
HSS048		10.189	Extra Curricular Sport Activity	2AU		
HSS050		10.050	Dance Sport	2AU		

Classification		Subject No.		Subject Name	L:L:C(H)	Remark
		HSS051	10.051	Fitness Promotion	2AU	
		HSS052	10.052	Core Exercise	2AU	
	Humanity/ Leadership	HSS060	10.172	Humanity/Leadership I	1AU	
		HSS061	10.173	Humanity/Leadership II	1AU	
		HSS062	10.174	Humanity/Leadership III	1AU	
	Ethics and Safety II	HSS070	10.179	Ethics and SafetyII	1AU	
	Community Service	HSS080	10.200	Community Service	2AU	
	Happy/ Exciting College Life	HSS090	10.090	Happy College Life	1AU	
		HSS091	10.091	Exciting College Life	1AU	
	Elective General Courses in Human- ties and Social Sciences	(Humanities)	HSS100	10.111	History of Science	3:0:3(6)
HSS101			10.112	Philosophy of Science	3:0:3(6)	
HSS102			10.212	Korean Science Technology	3:0:3(6)	
HSS105			10.135	Logic	3:0:3(6)	
HSS106			10.255	Understanding of Language	3:0:3(6)	
HSS107			10.134	Introduction to Philosophy	3:0:3(6)	
HSS109			10.109	The Conquest of Happiness	3:0:3(6)	
HSS110			10.297	History of Korean Culture	3:0:3(6)	
HSS111			10.298	History of Modern Korea	3:0:3(6)	
HSS112			10.231	History of Korea Thought	3:0:3(6)	
HSS113			10.136	Introduction to Korean History	3:0:3(6)	
HSS114			10.114	Hangeul, Letter and Civilization	3:0:3(6)	
HSS115			10.115	Rediscovering Modern Korea	3:0:3(6)	
HSS116			10.367	Understanding of American Culture	3:0:3(6)	
HSS119			13.101	Understanding German-Speaking Cultures	3:0:3(6)	
HSS124			10.233	History of Asian culture	3:0:3(6)	
HSS127			10.235	Ethics	3:0:3(6)	
HSS128			10.236	Introduction to Oriental Philosophy	3:0:3(6)	
HSS137	10.137	The Geography of Korea for International Students	3:0:3(6)			
HSS138	10.138	Korean History and Culture for International Students	3:0:3(6)			

Classification		Subject No.		Subject Name	L:L:C(H)	Remark
		HSS139	10.139	Introduction to the Study of Religion	3:0:3(6)	
		HSS144	13.144	The Origins of Western Civilization	3:0:3(6)	
		HSS145	13.145	Western Civilization since the Middle Ages	3:0:3(6)	
		HSS201	13.103	Revolutions in Science and Technology	3:0:3(6)	
		HSS202	10.217	History of Science&Technology in East Asia	3:0:3(6)	
		HSS203	10.218	Environmentalism: A History Survey	3:0:3(6)	
		HSS204	10.204	Science and Civilization in the East and the West	3:0:3(6)	
		HSS206	10.234	Analytical Philosophy	3:0:3(6)	
		HSS208	10.232	Socio-Economic History of Korea	3:0:3(6)	
		HSS209	13.105	The History of Korean Letter and Writing System	3:0:3(6)	
		HSS211	10.256	English Structure and Grammar	3:0:3(6)	
		HSS214	13.106	Europe and the World Science 1492	3:0:3(6)	
		HSS215	13.107	Contemporary American History	3:0:3(6)	
		HSS216	10.279	Making of the Modern World	3:0:3(6)	
		HSS220	10.238	History on Films	3:0:3(6)	
		HSS221	13.108	Self and Identity in Modern Thought	3:0:3(6)	
		HSS226	13.226	Classical Latin	3:0:3(6)	
		HSS227	13.227	Classics and Philosophy	3:0:3(6)	
		HSS237	13.237	Bioethics	3:0:3(6)	
		HSS301	10.332	Topics in Philosophy	3:0:3(6)	
		HSS302	10.351	Special Lectures on Linguistics	3:0:3(6)	
		HSS303	10.331	Studies in the Problem of Korean History	3:0:3(6)	
		HSS304	10.333	Special issues in History	3:0:3(6)	
		HSS305	13.109	Special Lecture on World Languages and Cultures	3:0:3(6)	
		HSS306	13.110	Seminar in Humanities	1:0:1	
		HSS307	10.307	Contemporary Political History of Korea	3:0:3(6)	
		HSS308	10.308	Environmental Ethics	3:0:3(6)	
		HSS309	10.309	Modern European and American Intellectual History	3:0:3(6)	
		HSS328	13.328	Philosophy of Mathematics	3:0:3(6)	
		HSS404	13.139	Human, Computer, Language	3:0:3(6)	
		HSS405	13.140	Logic and Artificial Intelligence	3:0:3(6)	

Classification		Subject No.		Subject Name	L:L:C(H)	Remark
		HSS409	13.141	Odyssey of Pioneers in Modern Korea	3:0:3(6)	
		HSS412	13.142	English and Society	3:0:3(6)	
		HSS423	10.423	On Representation	3:0:3(6)	*
		HSS436	10.436	Philosophy of Mind	3:0:3(6)	*
	(Society)	HSS130	10.113	Science, Technology and Society	3:0:3(6)	
		HSS133	10.145	Introduction to Psychology	3:0:3(6)	
		HSS134	10.239	Introduction to Cognitive Science	3:0:3(6)	
		HSS142	13.138	Civilizations and Belief Systems	3:0:3(6)	
		HSS143	13.143	Introduction to Contemporary China	3:0:3(6)	
		HSS146	13.146	Introduction to Interpersonal Communication	3:0:3(6)	
		HSS148	10.143	Introduction to Sociology	3:0:3(6)	
		HSS150	10.150	Introduction to Politics	3:0:3(6)	
		HSS154	13.154	Understanding Law through Films	3:0:3(6)	
		HSS155	13.115	Introduction to Mass Communication	3:0:3(6)	
		HSS156	10.146	Understanding Law	3:0:3(6)	
		HSS157	10.149	Introduction to Anthropology	3:0:3(6)	
		HSS159	10.144	Introduction to Economics	3:0:3(6)	
		HSS160	13.116	Introduction to Pedagogy	3:0:3(6)	
		HSS163	10.163	Law and Social Life	3:0:3(6)	
		HSS169	10.169	Economy and Law	3:0:3(6)	
		HSS231	10.211	Science, Technology and Ethics	3:0:3(6)	
		HSS232	10.214	Sociology of Science and Technology	3:0:3(6)	
		HSS233	10.216	Science and Technology Related Laws	3:0:3(6)	
		HSS235	13.117	Thinking and Deciding	3:0:3(6)	
		HSS236	13.118	Applied Cognitive Science	3:0:3(6)	
		HSS239	13.119	Security and Economy in East Asia	3:0:3(6)	
HSS240	10.247	Analysis of and Prospects for Korean Society	3:0:3(6)			
HSS241	13.241	Politics and Public Finance	3:0:3(6)			
HSS242	13.242	The Political Economy of China	3:0:3(6)			
HSS244	10.140	Understanding Globalization	3:0:3(6)			
HSS245	10.241	Political Thoughts	3:0:3(6)			

Classification		Subject No.		Subject Name	L:L:C(H)	Remark
		HSS246	13.120	Democracy & Economic Growth	3:0:3(6)	
		HSS247	13.121	International Law & International Organization	3:0:3(6)	
		HSS248	13.122	Nations and Cultures	3:0:3(6)	
		HSS249	13.249	Anthropology of Food	3:0:3(6)	
		HSS250	13.250	Geopolitics and Development in East Asia	3:0:3(6)	
		HSS252	13.252	Issues in Urban and Regional Development	3:0:3(6)	
		HSS253	13.123	Corporation Laws	3:0:3(6)	
		HSS255	10.245	Gender and Society	3:0:3(6)	
		HSS256	13.256	Society and Culture of China	3:0:3(6)	
		HSS257	10.257	Biotech's Legal Issues & Regulations	3:0:3(6)	
		HSS258	13.258	Geography of International Development	3:0:3(6)	
		HSS262	10.262	Trademark Infringement Litigation	3:0:3(6)	
		HSS263	10.263	Patent Infringement Litigation	3:0:3(6)	
		HSS286	10.286	Environmental Law	3:0:3(6)	
		HSS330	10.311	Topics in Science and Technology Studies	3:0:3(6)	
		HSS331	13.125	Special Lecture in Cognitive Science	3:0:3(6)	
		HSS332	10.341	Special Topics in Social Sciences	3:0:3(6)	
		HSS333	10.344	Seminar in Psychology	3:0:3(6)	
		HSS334	13.126	Seminar in Cognitive Science	3:0:3(6)	
		HSS336	10.336	The American Democratic Tradition	3:0:3(6)	
		HSS337	10.337	New Media and Communications	3:0:3(6)	
		HSS338	10.338	Technology, Democracy and Market	3:0:3(6)	
		HSS345	10.345	Welfare State and Social Security	3:0:3(6)	
		HSS353	10.353	Creative Activities and Law	3:0:3(6)	
		HSS431	10.431	Security and Economy in East Asia	3:0:3(6)	
		HSS433	13.127	Brain and Cognition	3:0:3(6)	
		HSS434	13.128	Computational Cognitive Processing	3:0:3(6)	
		HSS437	13.129	Introduction to North Korea	3:0:3(6)	
		HSS447	13.130	Man and War	3:0:3(6)	
		HSS451	13.131	Sustainability : Agenda and Prospects	3:0:3(6)	
		HSS453	10.453	Behavioral Finance	3:0:3(6)	

Classification		Subject No.		Subject Name	L:L:C(H)	Remark
		HSS454	10.454	Political Economy of Science & Technology	3:0:3(8)	
		HSS455	10.455	Philosophy of Science Policy	3:0:3(8)	
	(Literature and Arts)	HSS120	10.120	Understanding Korean Cinema	3:0:3(6)	
		HSS164	10.164	Understanding Film	3:0:3(6)	
		HSS166	10.129	Introduction to Korean Culture for Foreigners	3:0:3(6)	
		HSS167	10.223	Korean Literature and Society	3:0:3(6)	
		HSS171	10.122	Understanding English Literature	3:0:3(6)	
		HSS175	10.151	German Conversation	3:0:3(6)	
		HSS176	10.152	Japanese Conversation	3:0:3(6)	
		HSS177	10.153	French Conversation	3:0:3(6)	
		HSS178	10.154	Chinese Conversation	3:0:3(6)	
		HSS179	10.156	Spanish Conversation	3:0:3(6)	
		HSS186	10.124	Understanding Music&Music History	3:0:3(6)	
		HSS187	10.125	Art History&Visual Culture	3:0:3(6)	
		HSS217	13.217	The Fantasy Film in Hollywood and China	3:0:3(6)	
		HSS265	10.221	Rereading Korean Poetry	3:0:3(6)	
		HSS266	10.222	Rereading Korean Novels	3:0:3(6)	
		HSS267	10.177	Understanding Korean Music Culture	3:0:3(6)	
		HSS268	10.268	Chinese Conversation II	3:0:3(6)	
		HSS269	10.269	Animation in East Asia	3:0:3(6)	
		HSS270	10.225	British and American Poetry	3:0:3(6)	
		HSS271	10.224	British and American Novel	3:0:3(6)	
		HSS272	10.229	English Drama and Film	3:0:3(6)	
		HSS273	10.369	English Short Stories	3:0:3(6)	
		HSS274	13.132	English Science Fiction	3:0:3(6)	
		HSS275	13.275	Arts of Asia	3:0:3(6)	
		HSS276	13.276	Comic Books and American Cinema	3:0:3(6)	
		HSS277	10.295	The World of Musicals	3:0:3(6)	
		HSS278	10.294	Modern Arts	3:0:3(6)	
HSS279	13.133	Art after 1945	3:0:3(6)			



Classification		Subject No.		Subject Name	L:L:C(H)	Remark
		HSS280	10.126	Understanding World Music	3:0:3(6)	
		HSS281	10.226	European Literature and Art	3:0:3(6)	
		HSS320	10.320	History of Architecture	3:0:3(6)	
		HSS321	13.321	Reading East Asian Classics in Classical Chinese	3:0:3(6)	
		HSS322	13.322	Understanding Music and the Brain	3:0:3(6)	
		HSS324	10.324	Science Fiction Cinema	3:0:3(6)	
		HSS325	10.325	Renaissance and Baroque Art	3:0:3(6)	
		HSS326	10.326	Modern English Literature	3:0:3(6)	
		HSS360	10.322	Special Lecture on Korean Literature	3:0:3(6)	
		HSS361	10.323	Special Lecture on English Literature	3:0:3(6)	
		HSS362	10.321	Special Lectures on Art	3:0:3(6)	
		HSS370	10.370	Vision, Brain and Art	3:0:3(6)	
		HSS374	10.374	Mordern Architecture	3:0:3(6)	
		HSS375	10.375	20th Century East Asian Art	3:0:3(6)	
		HSS376	10.376	Understanding Musical Phenomenon	3:0:3(6)	
		HSS378	10.378	Violin Family Instrument Making & Experimentation	3:0:3(4)	
		HSS470	13.135	English Literature and History	3:0:3(6)	
		HSS471	13.136	Gender and Literature	3:0:3(6)	
		HSS472	13.137	Art and Philosophy	3:0:3(6)	
		Elective General Courses	Elective General	HSS008	13.008	Fundamentals of Writing
HSS010	10.010			Intermediate English Speaking & Listening	3:0:2(6)	
HSS011	10.009			Intermediate English Reading & Writing	3:0:2(6)	
HSS170	10.170			Convergence	1:0:1	
HSS180	13.180			Basic Korean and Korean Culture	2:0:2	
HSS189	10.110			Freshman Seminar 2	1:0:1	
HSS190	10.100			Freshman Seminar 1	1:0:1	
HSS191	10.104			Reading in English	3:0:3(6)	
HSS192	10.166			On Love	3:0:3(6)	
HSS193	10.167			Basic Korean II for Foreign Students	3:0:3(6)	
HSS194	10.171			Leadership Training	3:0:1	
HSS195	10.188			Special Lectures on English	3:0:3(6)	

Classification		Subject No.		Subject Name	L:L:C(H)	Remark
		HSS197	10.191	Special Lecture in Human Movement Science	3:0:3(6)	
		HSS198	10.192	Communication Training	3:0:1	
		HSS199	10.199	Special Lectures on Reading and Discussion	2:0:1(3)	
		HSS212	10.368	English & Style	3:0:3(6)	
		HSS290	10.196	Speech and Discussion	3:0:3(6)	
		HSS291	10.291	Fitness Assessment & Conditioning	2:3:3	
		HSS292	10.292	Business English Projects	3:0:3(6)	
		HSS293	10.293	Statistics in the Social Sciences	3:0:3(6)	
		HSS296	10.296	Exercise & Diet	2:3:3	
		HSS390	10.360	Advanced English Conversation	3:0:3(6)	
		HSS392	10.362	English Science Writing	3:0:3(6)	
		HSS393	10.363	English Presentation	3:0:3(6)	
		HSS394	10.364	Internet English	3:0:3(6)	
		HSS395	10.365	Current Events in English	3:0:3(6)	
		HSS396	10.366	English Reading in Science	3:0:3(6)	
		HSS398	10.372	English Conversation	3:0:2(4)	
		HSS399	10.377	Creative English Writing	3:0:3(6)	
		HSS430	10.430	Introduction to Kinesiology	3:0:3(6)	*
		HSS479	10.479	English Debate	3:0:3(6)	
		HSS483	10.483	Case Studies in Science and Technology Policy	3:0:3	*
		HSS484	10.484	Special Topics in Policy	1:0:1	*
		HSS485	10.485	Powerful report writing	1:0:1	*
		HSS490	10.490	Culture Art and Image Code	3:0:3	*
		HSS491	10.401	Intermediate Korean I for Foreign Students	3:0:3(6)	*
		HSS492	10.410	Special Topics on Humanities & Social Sciences	1:0:1	
		HSS493	10.411	Special Topics in Arts	1:0:1	
		HSS494	10.494	Advanced Korean	3:0:3(6)	*
Research		HSS495	10.495	Individual Study	0:6:1	

### 3. Descriptions of Courses

#### **HSS001 Logical Writing**

**3:0:3(6)**

This course emphasizes the training of creative thinking and capability of logical expression for academic researches. This course deals with the standard of the Korean language, logical sentence formation, building a paragraph, linking paragraphs, writing essay, and methods for writing academic papers.

#### **HSS002 Critical Writing**

**3:0:3(6)**

The aim of this course is to help students to write Korean effectively and enrich writing. In this course students will expand their abilities to read, reflect on, discuss, and write about various texts. The course will help students become proficient in the skills of close reading, research, organization, writing, and revising that they will need in order to write successful papers.

#### **HSS003 Practical Writing**

**3:0:3(6)**

The aim of this course is to help students to write Korean effectively and enrich writing. This course provides guidance on sound & letter, correct grammar, proper vocabulary, right expression and making words, usage of punctuation as well as writing projects.

#### **HSS004 Creative Writing**

**3:0:3(6)**

The aim of this course is to help students to write Korean effectively and enrich writing. Through this course students can write creative and attractive writing. This course deals with theories of storytelling, novel and screenplay as well as writing exercise. Training creative writing can help students become creative scientist.

#### **HSS006 Basic Korean I for Foreign Students**

**3:0:3(6)**

The aim of this course is to develop an understanding of contemporary Korean, learning fundamental grammatical principles. The course is open only to beginning students. Students learn to communicate in Korean through interaction with instructor and classmates. Comprehension of spoken Korean is stressed.

#### **HSS008 Fundamentals of Writing**

**1:0:1**

This course is designed to teach students in natural sciences and engineering the fundamentals of writing. While academic writing is the primary focus of this course, it starts from the premise that writing constitutes an important part of communicative skills in everyday situations. Students are expected to learn the fundamentals of writing and apply them in practice in the following order: situating a piece of writing in a particular communicative situation, planning preparatory research before actual writing, selecting proper words to express her/his main idea, and writing grammatically correct sentences. Instructors will assign various in-class tasks, such as oral presentations, group discussions, writing sessions, and self-critique. In addition, students are required to set a one-on-one tutoring session with the instructor.

#### **HSS010 Intermediate English Speaking & Listening**

**3:0:2(6)**

This course is designed for students to be able to speak with sufficient fluency in a variety of social and academic situations. It is also designed for students to demonstrate analytical listening skills such

as distinguishing fact from opinion and making inferences.

**HSS011 Intermediate English Reading & Writing 3:0:2(6)**

This course is designed for students to be able to write paragraphs with clarity, coherence, and substance. It is also designed to help students develop reading strategies and advance to longer, more complex reading materials.

**HSS022 English Presentation & Discussion 2:0:1(4)**

This course is designed for students to be able to use formal and informal language in persuasion, negotiation, and discussion; to deliver presentations and explain and support opinions.

**HSS023 Advanced English Listening 2:0:1(4)**

This course is designed for students to be able to comprehend and analyze extensive discourse; to take notes during academic lectures; and to demonstrate analytical listening skills such as interpreting a speaker's purpose, point of view, tone, or use of figurative language.

**HSS024 Advanced English Writing 2:0:1(4)**

This course is designed for students to be able to write multi-paragraph essays using a variety of sentence structures and vocabulary.

**HSS025 Advanced English Reading 2:0:1(4)**

This course is designed for students to be able to demonstrate general understanding of complex materials and to explain an opinion in reaction to authentic reading materials.

**HSS040 Badminton 2AU**

The aim of this course is to provide the basic skills needed to actively enjoy the sport of badminton. Students will learn to perform the fundamental strokes and will understand the basic rules and strategy.

**HSS041 Swimming 2AU**

This program is available for students with little or no swimming ability. It also provides opportunities for learning and participation in a wide variety of swimming styles at all levels, as well as an opportunity for students to improve cardiovascular endurance. Emphasis is on preparing the student to be a lifelong participant in swimming.

**HSS042 Tennis 2AU**

The purpose of this class is to provide students with the appropriate level of knowledge and skills to enjoy tennis. Through this class the students will improve their general physical fitness and skill performance. Principles, techniques, safe practices, and strategies of tennis will be taught throughout the class.

**HSS043 Basketball 2AU**

This course is designed to enable students to develop the knowledge and skills needed to participate in basketball. Skills, rules, strategies, etiquette, and opportunities for participation are taught. Students

are encouraged to increase their lifetime participation skills, and to achieve and maintain a high level of personal fitness conducive to a life of health and well-being.

**HSS045 Baseball 2AU**

This course will focus on the fundamentals of baseball as a team sport. Emphasis will be placed on the following areas: catching, throwing, hitting, defense strategy, and offense strategy. Fundamental skills (catching, throwing, hitting form), complex skills (catching and throwing of the hit ball, the skill for each position, hitting a pitched ball), strategy skills (hit and run, bunt and run, tag up play, double play, relay play), and actual games (played with other teams) will be covered.

**HSS046 Golf 2AU**

Basic golf swing is taught. Students will be able to successfully hit golf balls, play a round of golf, and understand more clearly the game of golf (rules, etiquette, etc).

**HSS047 Soccer and Futsal 2AU**

The purpose of this subjects is promoting the health, fitness, and technology through soccer and football. and It is to aim cultivation of healthy social and recreational activity. This subject allows you to perform effective competition through to acquire the basic skills and rules of soccer and football.

**HSS048 Extra-Curricular Sport Activity 2AU**

Extra-curricular sports activities refer to student-organized sports activities. Students are required to obtain 4 AU (activity units) through the school's sports programs. Students may obtain two of the four required activity units through extra-curricular sports activities. Currently, 14 student-organized extra-curricular sport activities are registered.

**HSS050 Dance Sport 2AU**

Dance sport takes advantage of positive effects on mental health to be able to make good use of the increased leisure time in the modern world. Also dance sport is one of the most popular active recreational activities to reduce stress. It is to raise the physical development and aesthetic values that are very useful and valuable as a part of the sport. As artistic characteristics with the best social sports activities, all ages can enjoy dance sport. The term dance sport applies to the International Style of competitive ballroom (often referred to as Standard or Modern) dancing and Latin dancing.

**HSS051 Fitness Promotion 2AU**

Fitness promotion can be an effective exercise to become familiar with a variety of training methods to promote physical fitness, depending on fitness factors. Fitness promotion aims to improve the training of the important and basic physical fitness and training to determine the physical changes. Variety exercise types for students can offer opportunities to improve the body's ability.

**HSS052 Core Exercise 2AU**

Core exercise is to strengthen the muscles without pain exercising muscle through the core movement. In particular, training region is called the 'power house' of the belly and hips. The basic is focus on the movement of the muscles used, the control the intensity and the correct operation. Breathing patterns of core exercise have a unique operation that can be maximized. The

core exercise effects are as follows.: body balance, strength, and increase flexibility through a full body workout. It teaches a balanced posture and strengthen the joints and spine. Therefore, it is possible in a stable posture in daily life. Also additional effects are enhanced cardiovascular capacity and circulatory capacity.

**HSS060 Humanity/Leadership I** **1AU**

This course aims to build leadership characters to students and help them become more happy, effective and successful by learning leadership skills through 'The Seven Habits of Highly Effective Students' or 'Phoenix Leadership Course'.

**HSS061 Humanity/Leadership II** **1AU**

This course aims to raise students as influential and humane leaders by teaching persuasive communication skills and ways to improve human relations through 'Dale Carnegie Course' or 'Christopher Leadership Course'.

**HSS062 Humanity/Leadership III** **1AU**

This course aims to raise students as leaders with wide and profound knowledge by completing one program among photography, musical instruments, jazz dance, hip-hop, a cappella, etc.

**HSS070 Ethics and Safety II** **1AU**

It is more highlighted than ever to educate prevention of research misconducts and safety regulations since academic circles at home and abroad has recently paid greater attention to research ethics and safety. This course broadly introduces and encompasses research ethics, safety management, sex education and leadership to educate students to be an excellent leader in the future.

**HSS080 Community Service** **2AU**

Community service (4 days). Various community service activities in public institutions and medical facilities such as orphanages, old people's asylums, museums, libraries, public offices, etc.

**HSS090 Happy College Life** **1AU**

The purpose of "Happy College Life" is to encourage Freshmen of KAIST to get used to our campus and its life easily, its class has two parts: the regular programs that run 7-8 p.m. on every Thursday, and the irregular programs that run throughout the semester. (Opens at Spring Semester)

**HSS091 Exciting College Life** **1AU**

The purpose of "Exciting College Life" is to encourage Freshmen of KAIST to get used to our campus and its life easily, its class has two parts: the regular programs that run 7-8 p.m. on every Thursday, and the irregular programs that run throughout the semester. (Opens at Fall Semester)

**HSS100 History of Science** **3:0:3(6)**

English Reading & Writing is an introductory academic reading and writing course intended to introduce students to skills and habits conducive to the improvement of their English-language academic reading and writing. The course is co-taught, and this course description applies to the Writing portion of the class. Study will be introduced to exemplary writings to heighten student awareness of features common to successful academic writing. Students will then apply these features in their own work, using a process approach encouraging thoughtful self and peer editing

for progressive improvement.

**HSS101 Philosophy of Science** **3:0:3(6)**

This course is an introduction to some of the philosophical issues about the nature of science. Topics may include: confirmation and falsification of scientific theories, paradigm and scientific revolution, the scientific realism debate, nature of scientific explanation, scientific reduction, the concept of laws of nature, causation, models in science etc.

**HSS102 Korean Science Technology** **3:0:3(6)**

This course explores history of science and technology in Korea, especially throughout studying scientific heritages. This course helps students to understand scientific Korean culture in view of the global perspective.

**HSS105 Logic** **3:0:3(6)**

This is a standard introductory course to first order logic. We aim at developing students' further interest in more advanced fields in mathematical logic such as model theory, proof theory, recursion theory, and axiomatic set theory. Some of the applied logics such as temporal logic will also be discussed, not only to demonstrate the practical uses of logic but also to indicate some deeper philosophical issues raised by logic.

**HSS106 Understanding of Language** **3:0:3(6)**

This course helps students to recognize the nature and importance of language by discovering the internal order hidden in language and to understand the order systematically. It also examines the relationships between language and other realms.

**HSS107 Introduction to Philosophy** **3:0:3(6)**

We will discuss some of the perennial problems of philosophy. We will commence by reading some classical texts of eminent thinkers in the history of Western philosophy such as Plato, Aristotle, Aquinas, Descartes, Berkeley, Hume, and Kant. The focus of the course is on instilling students with the capacity to pose philosophical questions themselves, and steering them toward the realization that they have been philosophizing somewhat unconsciously throughout their lives.

**HSS109 The Conquest of Happiness** **3:0:3(6)**

We propose to reflect upon the true meaning of life and happiness. We will examine some of the most influential theories happiness and typical issues involved. the focus will be laid on how students of KAIST, who will be the future leaders, can live happy lives with sound was of thinking.

**HSS110 History of Korean Culture** **3:0:3(6)**

The meaning and way of life of the Korean people are approached from historical and cultural perspectives.

**HSS111 History of Modern Korea** **3:0:3(6)**

From the Open Port (1876) to the present, historic developments towards modernization, democracy and reunification are studied.

**HSS112 History of Korean Thought** **3:0:3(6)**

This course has a special emphasis on the transmission and acceptance of Buddhism and Confucianism. In particular, the drastic change in the social structure following the introduction of neo-Confucianism is examined.

**HSS113 Introduction to Korean History for Foreigners 3:0:3(6)**

This course aims to provide a broad understanding of Korean History to international students. This course will help the students to acquire a greater knowledge and a deeper understanding of the cultural tradition and the way of life of Korean.

**HSS114 Hangeul, Letter and Civilization 3:0:3(6)**

This course is designed to help the students to understand the properties and types of letters, the history of Korean letter and civilization. The course covers a wide range of letter and civilization, such as the mystery and background of generating Hangul, letter and print, Hangeul and modernization, war of writing system, letter and typewriter, and the new letter and so on.

**HSS115 Rediscovering Modern Korea 3:0:3(6)**

This course aims to establish the identification of Korea and Korean through reviewing historical events, figures and cultural phenomena of modern Korea from open port to independence(1876~1945). Through this course students can get perspectives of the future.

**HSS116 Understanding of American Culture 3:0:3(6)**

This course is designed to study cultural characteristics of American society related American English. It helps students understand intercultural communication by studying geographical background, social structure and behavioral patterns of American society.

**HSS119 Understanding German-Speaking Cultures 3:0:3(6)**

The initial part of this lecture teaches you the basic German and general informations on Germany, Austria, Switzerland, and Liechtenstein that you will need while backpacking around Europe. In the later parts of the lecture, students make teams and gather information on politics, society, culture and the people of nations using German language and present their work to the class.

**HSS120 Understanding Korean Cinema 3:0:3(6)**

This class provides an introductory overview to the history, themes and genres of South Korean cinema. Students will learn how to analyze and interpret Korean films in terms of their generic signifiers and historical significance. This class will explain the economic and industrial factors behind the recent success of Korean cinema, both in the domestic context and around the world.

**HSS124 History of Asian Culture 3:0:3(6)**

The traditional civilizations of China and Japan are examined. This course seeks to explain the many elements that helped to establish East Asian culture.

**HSS127 Ethics 3:0:3(6)**

Some of the most influential theories of normative ethics such as Kantianism and utilitarianism will be discussed. Emphasis will be laid on dilemma-like moral problems. Students are encouraged to participate in debates in order to deepen their understanding of opposing parties as well as to



sharpen their wit. Topics will be chosen in more practical or applied fields such as biomedical ethics and research ethics.

**HSS128 Introduction to Oriental Philosophy 3:0:3(6)**

Some of the major Asian thought forms such as Confucianism, Taoism, and Buddhism will be discussed. We are not only interested in the dialectical developments of these in oriental societies but also fathoming their viability in the contemporary world. In other words, it will be our ultimate aim to promote a fruitful dialogue between the East and the West.

**HSS130 Science, Technology and Society 3:0:3(6)**

This course functions as an introductory course that helps undergraduate students understand the following topics: the social significance and roles of science technology in modern society; the relationship between science & technology and various areas of society such as politics, economics, and culture; the social position and roles of scientists and engineers.

**HSS133 Introduction to Psychology 3:0:3(6)**

Psychology is the study of the mind, brain, and behavior. The themes of psychology include understanding of mental activity resulting from biological processes within the brain and describing purposeful actions. This course deals with major concepts, research methods, and current issues of psychology at an introductory level.

**HSS134 Introduction to Cognitive Science 3:0:3(6)**

We will unite research from philosophy, psychology, linguistics, neuroscience, and computer science on the nature of Mind, Brain, and Computer. We will attempt to find a feasible way of applying basic principles of the knowledge acquisition processes in humans to implement an Intelligent Machine.

**HSS137 The Geography of Korea for International Students 3:0:3(6)**

The purpose of this course is to understand Korea's natural environment and human geography. During the course, students will study on the overall geography of Korea and visit locations which well explains Korean nature and history.

**HSS138 Korean History and Culture for International Students 3:0:3(6)**

This course aims to view Korean society in its cultural and historical perspective for students from abroad. In cultural aspect, we will look into the traditional and the modern Korean beliefs, religions, and cultural features and, in historical aspect, we will view Korean history from both inside and outside perspective. To see the vivid cultural and historical pictures, we will use representative Korean short stories as the main reading materials.

**HSS139 Introduction to the Study of Religion 3:0:3(6)**

As a general introduction to the academic study of religion, this class examines the function of religion in relation to human belief, social practices, and culture in general. The course surveys a number of important debates in the history of religious studies and introduces the student to a broad number of world religions.

**HSS142 Civilizations and Belief Systems****3:0:3(6)**

This course introduces students to major civilizations and cultural traditions around the world. It surveys civilizations that have existed in the Middle East, India, Far East, Europe, Africa, and America before the arrival of Europeans. The course focuses particularly on various belief systems--philosophy, religion, and spiritual traditions--that emerged from various civilizations and shaped their course of development. Included in this survey are Islam and Sufism, Hinduism, Jainism, and Buddhism, Confucianism and Daoism, African and Native-American spiritual traditions, and some of the forgotten philosophical traditions of the West. We will bring our survey up to date by reviewing the implications of globalization for the survival of traditional civilizations and cultural diversity.

**HSS143 Introduction to Contemporary China****3:0:3(6)**

This course, as an introductory course for freshmen and sophomore students, examines contemporary China from a variety of perspectives including politics, economy, society, culture, and environment to enhance students' understanding of the dynamic changes in China today.

**HSS144 The Origins of Western Civilization****3:0:3(6)**

The history of Western civilization from antiquity to the early Middle Ages. Starting with various scientific theories and controversies on the origins of human civilization, the course examines what roles the ancient civilizations of Mesopotamia and Egypt played in the making of Western civilization, how the Greek civilization, with its invention of democracy, Western philosophy and science among other achievements, originated and progressed over time, and how Rome, beginning as a monarchy, became first a republic and then an empire again ruled by a monarchy, and eventually declined and fell to prepare the grounds for the coming of medieval Europe.

**HSS145 Western Civilization since the Middle Ages****3:0:3(6)**

The history of Western civilization from the Middle Ages to the present. The course focuses on how medieval Europe, one of the least developed regions in Eurasia, experienced a renaissance and, with the Scientific and Industrial Revolution, eventually went on to lead the modernization of the world.

**HSS146 Introduction to Interpersonal Communication****3:0:3(6)**

This course introduces the field of human communication and interpersonal relationship. Students will develop basic understanding of interpersonal communication and explore a variety of topics including communication and self identity, the role of communication in developing/maintaining interpersonal relationship, interpersonal communication in various social contexts, and the impact of communication on individual and society.

**HSS148 Introduction to Sociology****3:0:3(6)**

This course introduces the basic concepts and perspectives of sociology. Through the lens of sociology, students are directed toward an understanding of varying aspects of Korea's society such as family, education, religion, culture, labor and profession, inequality and class, and organization.

**HSS150 Introduction to Politics****3:0:3(6)**

This course introduces the origins of various kinds of political institutions and the mechanism they work. Students are expected to understand political process through the examination of interactions among government, political parties, and interest groups.

**HSS154 Understanding Law through Films 3:0:3(6)**

The purpose of this course is to understand law through famous movies. In this course, we will examine how laws are applied in different situations and it will improve students' understandings on the legal system.

**HSS155 Introduction to Mass Communication 3:0:3(6)**

This course is an introduction to the field of mass media and mass communication. The topics covered in the course include: the relationship between mass culture and mass communication, the evolution of major forms of mass media (newspapers, TV channels, etc.) and the issues related to communication such as public relations and advertising.

**HSS156 Understanding Law 3:0:3(6)**

This course provides a survey of concepts, types, and basic theories of law, and of constitutional law, administrative law, civil law, criminal law, commercial law, litigation law, and international law.

**HSS157 Introduction to Anthropology 3:0:3(6)**

This course introduces the concepts of culture and cultural diversity in the context of globalization and transnational processes. Students will learn the basic theories and methodologies of cultural anthropology, and will explore the possibilities of applying them in understanding cultural diversity. Visual aids in forms of documentary films will be used to illustrate the points learned in the course.

**HSS159 Introduction to Economics 3:0:3(6)**

This course will deal with microeconomics and its development and basic methods of analysis in order to explain the various economic activities occurring in everyday life. In addition, we will discuss the basics of macroeconomics in terms of the development of the national economy and the improvement of national welfare, with a focus on general economic policies.

**HSS160 Introduction to Pedagogy 3:0:3(6)**

Education is one of the central pillars of society. In this course, we first examine various theories of education and the history and modern development of education. We then explore the roles of subjects of education (parents and teachers) in various pedagogic contexts.

**HSS163 Law and Social Life 3:0:3(6)**

The purpose of this course is to understand the legal system concerned with the community and community members' life. In this course, we will examine how to operate the community, the relationship between members and government and the social norms kept by members. This course should help students improve civic competency.

**HSS164 Understanding Film 3:0:3(6)**

This course aims to teach students what are the characteristics of Hollywood genre film and the forms of storytelling in genre film. Furthermore, this course covers genre transformation and aspects of development in contemporary genre film. Students will learn some basic concepts and different storytelling structure of each film genre, and discuss about aesthetics of the genre after watch typical genre movie.

**HSS166 Introduction to Korean Culture for Foreigners 3:0:3(6)**

This course aims to provide a broad understanding of Korean culture and society to international students. This course will deal with literary and other cultural discourses- literature, arts, films, journalistic essays, photographs, comic scripts, and advertisements, and so forth. It examines how Korean writers and artists produced them in response to the challenges of modernity, imperialism, colonialism, and Cold War politics. No prior knowledge of Korean language is required.

**HSS167 Korean Literature and Society 3:0:3(6)**

Korean literature is closely related to the dynamics of Korean history. This course aims to help students understand the development of Korean literature by examining literary texts in their relation to Korean history.

**HSS169 Economy and Law 3:0:3(6)**

This course's aim is to understand the relationship with legal system and the economic activity. In this course, we will examine subject, object and types of economic activity allowed in legal system. In addition, we also examine how legal system maintains the fairness of economic activity.

**HSS170 Convergence 1:0:1**

.convergence of knowledge including cognitive science, brain science, evolutionary theory, complexity theory

.convergence of technology such as information technology, biotechnology, nanotechnology, neurotechnology

**HSS171 Understanding English Literature 3:0:3(6)**

This course is designed to impart an overall view of English literature and to enhance recognition of British and American society and culture by introducing the students to the literary history of Britain and America. Students will be required to read about British and American writers as well as their works.

**HSS175 German Conversation 3:0:3(6)**

This course is designed to teach the basic constructions of German by instilling an understanding of its introductory grammar and to improve German speaking and listening skills in real life situations by utilizing multimedia resources.

**HSS176 Japanese Conversation 3:0:3(6)**

This course is designed to teach the basic constructions of Japanese by instilling an understanding of its introductory grammar and to improve Japanese speaking and listening skills in real life situations by utilizing multimedia resources.

**HSS177 French Conversation 3:0:3(6)**

This course is designed to teach the basic constructions of French by instilling an understanding of its introductory grammar and to improve French speaking and listening skills in real life situations by utilizing multimedia resources.

**HSS178 Chinese Conversation 3:0:3(6)**

This course is designed to teach the basic constructions of Chinese by instilling an understanding of

its introductory grammar and to improve Chinese speaking and listening skills in real life situations by utilizing multimedia resources.

**HSS179 Spanish Conversation** **3:0:3(6)**

The course will teach elementary Spanish language, and introduce some aspects of culture in the Spanish-speaking countries. Language will be taught with a focus on elementary communication skills : greetings, ordering food, asking for directions, and expressing feelings and preferences. In the first half of the semester, students will acquire basic grammar and conversation skills. In later half of the semester, students will read and listen to simple stories, using language skills to deduce a sequence of events. Finally, in the end of the course, students will work in teams to author a simple story that they will present to the class in Spanish.

**HSS180 Basic Korean and Korean Culture** **3:0:3(6)**

This course aims to enable students to have simple conversation, by learning basic sentence patterns and vocabulary in Korean. Furthermore, it stimulates students interest, focusing on learner's activities so that We can practice and review by ourselves, and presents constitution, focusing on homework and communication so that the topics treated in the classes can be practically applied in our daily life.

**HSS186 Understanding Music & Music History** **3:0:3(6)**

Historical/stylistic overview of Western music from 18th to 21st century, with emphasis on late Baroque, Classical, Romantic and Modernist styles. With a variety of audio-visual materials, this course intends to enhance the students' musical experience by developing listening skills and an understanding of diverse forms and genres. This class also encourages active discussions and presentations as well as actual performances.

**HSS187 Art History & Visual Culture** **3:0:3(6)**

This introductory course investigates major monuments, trends, and issues in ancient through modern ages, primarily in Western art. While committed to introducing certain canonical art works and ideas to beginning students, this course also critically examines the sociohistorical contexts surrounding the artistic movements. Students will become familiar with some of the many ways to think about art and visual culture.

**HSS189 Freshman Seminar II** **1:0:1**

The freshman seminar, you can get useful tips and information on each major to help you to find the perfect major for your interests and goals. So come and apply for the freshman seminar to explore your major in advance. (Opens at fall semester)

**HSS190 Freshman Seminar I** **1:0:1**

The freshman seminar, you can get useful tips and information on each major to help you to find the perfect major for your interests and goals. So come and apply for the freshman seminar to explore your major in advance. (Opens at spring semester)

**HSS191 Reading in English** **3:0:3(6)**

This course aims to improve reading skills. It exposes students to a variety of intermediate level texts and asks them to respond to ideas and topics raised by the texts.

**HSS192 On love** **3:0:3(6)**

This course covers the essence of love and its influence on daily human life, art and culture, and our civilization with various points of view like philosophy, literature, art, sociology, psychology, neuroscience.

**HSS193 Basic Korean II for Foreign Students** **3:0:3(6)**

The aim of this course is to enable the students for further practice conversational skills learned in Elementary Korean 1 for Foreign Students; understand more about the grammar and syntax of the language and build a vocabulary and feel for natural contemporary Korean. The course will focus on real situations and modes of interactions.

**HSS194 Leadership Training** **3:0:1**

This course aims to nurture leadership skills for freshmen and will be organized by professional lecturers from the Korea Leadership Center. The students will learn how to lead and communicate more efficiently.

**HSS195 Special Lectures on English** **3:0:3(6)**

This course is intended to reinforce practical English education focusing on English conversation and English composition. A wide range of English courses are provided in order to help students on their route to learning English and to promote a desire for learning.

**HSS197 Special Lecture in Human Movement Science** **3:0:3(6)**

The curriculum provides students with an understanding of the human movement science, which includes exercise physiology, human physiology, and exercise nutrition.

**HSS198 Communication Training** **3:0:1**

The goal of this class is to help KAIST undergraduate and graduate students gain confidence in becoming compelling and influential leaders in the globalized 21st century society through improved speech communication ability.

**HSS199 Special lectures on Reading and Discussion** **2:0:1(3)**

A broad range of reading and discussion groups allows for the presentation, discussion, and exchange ideas and opinions on diverse topics. The discussions are grouped in thematic series such as history, science, management, leadership and so on. Students can experience diverse perspectives on shared readings.

**HSS201 Revolutions in Science and Technology** **3:0:3(6)**

This course explores the origins of revolutions in science and technology and their impact upon the social structure and the industrial development by examining a variety of cases, including architecture in the Roman Empire and the Middle Ages, the printing revolution, the Scientific Revolution, the Industrial Revolution, the Internet Revolution, the development of electrical engineering, and the rise of bioindustry.

**HSS202 History of Science & Technology in East Asia** **3:0:3(6)**

This course provides a general survey of the history of science in East Asian countries: China,

Korea, and Japan. It consists of two parts. In the first part of the course, the traditional East Asian scientific fields, such as cosmology, astronomy, mathematics, geography, alchemy, and medicine, are studied. The second half of the course deals with the interaction between traditional East Asian and Western sciences from the 17th to 20th centuries.

**HSS203 Environmentalism: A Historical Survey 3:0:3(6)**

This course is a historical survey of environmentalism as an intellectual, social, and political movement, and its broad-ranging manifestations. Beyond learning the basic information, students will be challenged to think critically, and form and express opinions of their own.

**HSS204 Science and Civilization in the East and the West 3:0:3(6)**

We study on ‘Science and Civilization in the East and the West: Origin and Their Developments’ until the 17th century scientific revolution. This class will give students some insights on understanding of scientific civilization in worldwide level, by exploring simultaneously Western, East Asian, and Korean history of science and technology.

**HSS206 Analytical Philosophy 3:0:3(6)**

The great founders such as Frege, Russell, and Wittgenstein will be discussed first in order to understand the underlying spirit and motivation of analytic philosophy. We will then survey some of the problems of the philosophy of language, centering on theories of reference. Finally, we will examine the emergence of the philosophy of the mind as the core of philosophy in the analytic tradition.

**HSS208 Socio-Economic History of Korea 3:0:3(6)**

The social and economic characteristics and development from ancient to modern Korea are systematically examined. Agriculture, land economy, and trade and commerce are expounded upon together with problems in social economic thought.

**HSS209 The History of Korean Letter and Writing System 3:0:3(6)**

This course is designed to help the students to understand the history of Korean letter and writing system. The course covers a wide range of letter and writing system in Korea, such as writing system before hangul, the mystery and background of generating Hangul, and the change of writing system and so on.

**HSS211 English Structure and Grammar 3:0:3(6)**

This course is designed to improve students’ comprehensive and analytic abilities of English constructions by instilling an understanding of the linguistic competence of human beings and investigating the formal structures of English grammar.

**HSS212 English & Style 3:0:3(6)**

This course is designed to help the students to acquire English style and understand British and American culture by reading a wide range of English prose. This provides the students with extensive training in reading, analyzing and discussing numerous readings of varying prose style. It aims at improving not only students’ general linguistic skills but also their ability to provide critical interpretations of prose texts.

**HSS214 Europe and the World Since 1492** **3:0:3(6)**

This course examines exchange, co-operation, and conflict between Europe and the world since Columbus's first voyage. The course looks into both the global flows of commodity and labour and the encounter and intersection of cultures at various sites of contact between European powers and the world.

**HSS215 Contemporary American History** **3:0:3(6)**

**HSS216 Making of the Modern World** **3:0:3(6)**

This course explores the formation of modernity in the west. Students will address various elements of modernity - the first world economy, the rise of Europe, the formation of the modern state, the birth of modern liberal democracy, and individualism and rationalism - through primary and secondary sources.

**HSS217 The Fantasy Film in Hollywood and China** **3:0:3(6)**

This class provides an introductory survey of the history, themes and social significance of the fantasy genre in the USA, China, and Hong Kong. Students will learn how to analyze and interpret fantasy films in terms of their narrative structure, subtext, national identity, and industrial impact. This class will explain the economic and cultural factors behind the global success of fantasy cinema, and explore the ways these films reflect the concerns of the present by representing the past

**HSS220 History on Films** **3:0:3(6)**

This course explores key historical events and figures in western history through historical films. This course will help students to gain further understanding of historical transformations and to think about possibilities of film as a historical narrative (or story-telling).

**HSS221 Self and Identity in Modern Thought** **3:0:3(6)**

This course deals with the changing conceptions of the individual in modern thought.

**HSS226 Classical Latin** **3:0:3(6)**

The Aim of this course consists in the basic learning of classical Latin and consequently making better understanding with the Western way of life, through coming closer to the origin of the Western culture and civilization. Latin, together with the ancient Greek, is recognized as the language, which was the foundation of the Western culture and civilization, and is still a living basis in the European language and life today. In this course students learn classical Latin of the 1<sup>st</sup> century BC, that Marcus Tullius Cicero especially had spoken and written.

**HSS227 Classics and Philosophy** **3:0:3(6)**

The aim of this course is reading of the ancient Greek classics from Homer to Plato. Homeric Epics, Greek tragedy, writings of Herodotus, and dialogues of Plato are the very foundations of the Western spiritual civilization, from which the Western mythology, literature, philosophy, history, natural science, and medical science were dawning.

**HSS231 Science, Technology and Ethics** **3:0:3(6)**

This course examines the ethical issues that are raised in the development of high-end scientific technologies, such as bio-medical ethics, information communication, nano-technology, and energy.

**HSS232 Sociology of Science and Technology** **3:0:3(6)**



This course introduces the main theories and analyses of the sociology of science and technology. It deals with issues such as the social structure of scientific technicians' society, social process of knowledge in the field of science and technology, and other social issues regarding science and technology.

**HSS233 Science and Technology Related Laws 3:0:3(6)**

This course introduces legal issues that are related to science and technology and mainly deals with laws related to the following areas: intellectual rights; computer software; privacy; protection of consumers; oceans, the cosmos, energy, the environment, and bio-technology.

**HSS235 Thinking and Deciding 3:0:3(6)**

Human cognition includes psychological processing of perception, memory, attention, thinking/problem solving, deciding, and creativity. As it stands, the knowledge of human thinking and deciding process adds to our understanding of human nature. This course covers general scope of human thinking and decision making with theoretical and practical perspectives.

**HSS236 Applied Cognitive Science 3:0:3(6)**

The goal of this course is to understand the principles of intelligent and cognitive behavior and find creative ways to apply them to implementing intelligent devices. The hope is that this will lead to better understanding of the human mind, of teaching and learning, of mental abilities, and of the development of intelligent devices that can augment human capabilities in important and constructive ways.

**HSS237 Bioethics 3:0:3(6)**

This course introduces students to ethical issues arising from developments in the life sciences, medicine, and biomedical technology. By examining a number of topical issues of great social importance, students will have the opportunity to learn about these developments and the ethical problems they pose for professionals and society.

**HSS239 Security and Economy in East Asia 3:0:3(6)**

Many predict the coming years will become the "Asian Century," with the rise of China and technological innovations led by Asian tigers. In this course, we will explore the politics and economy of East Asia in an effort to understand the geopolitical and economic roles of our own country in the region.

**HSS240 Analysis of and Prospects for Korean Society 3:0:3(6)**

This course is designed to help undergraduate students understand social structure and changes in contemporary Korean society. Based on a sociological perspective, the course covers a wide range of social institutions and cultural aspects in Korea, such as population, urbanization, family and gender, religion, education, industrialization and economic development, social movement, and inequality.

**HSS241 Politics and Public Finance 3:0:3(6)**

Governments provide public goods, social security, and redistribution of wealth through taxation and public spending. This course will examine the influence of democratic political process on the public finance.

**HSS242 The Political Economy of China 3:0:3(6)**

As an upper-level undergraduate course, the objective of this course is to understand the Chinese economy both in terms of the transition from plan to market economy and the process of economic development. Through the examination of major economic and social issues that China is facing today, this course encourages students to grasp the nature and contradictions of the Chinese development model.

**HSS244 Understanding Globalization 3:0:3(6)**

This course introduces students to multi-faceted dynamics of globalization, one of the greatest transformative forces defining the contemporary world. Starting with various frameworks for conceptualizing globalization, this course will examine the contentious nature of the globalization processes and the causes and consequences of various aspects of globalization including political, economic, social, and cultural changes. Through a combination of theoretical readings and various hands-on assignments, the course will help students to build an analytical and critical perspective on major social issues and problems facing the contemporary world.

**HSS245 Political Thought 3:0:3(6)**

This course examines the roles of selected political ideas, doctrines, and themes in the contemporary world, emphasizing their development and relationships to diverse political interests.

**HSS246 Democracy & Economic Growth 3:0:3(6)**

Do democracies grow faster than non-democracies? Does the type of political regime matter for economic development? This course offers a theoretical overview of the relationship of the political system and economic development. Students will learn about how political regimes, institutions, and processes influence overall economic performance as well as particular aspects of the economy.

**HSS247 International Law & International Organization 3:0:3(6)**

This course aims to provide a basic understanding of international organizations and international law. With increasing global flows of goods and services, people and information, international institutions, norms and rules have taken a center stage in world politics and economy. Students will be introduced to contending perspectives on the significance of international law, legal and political debates around international organizations and their decisions and policies.

**HSS248 Nations and Cultures 3:0:3(6)**

In this course, we examine the historical foundations of various collective identities such as the nation, ethnicity, citizenship, and culture. Rather than surveying individual countries' cultural traditions, the course aims to provide theoretical framework to analyze, appreciate, and compare different forms of identity and different modules of identity/cultural politics so that students can identify common themes and patterns flowing through multiplicity of apparently diverse cultural heritages.

**HSS249 Anthropology of Food 3:0:3(6)**

This course examines food as a complex entity mediating between body and identity, individual and society, nature and nurture, production and consumption – in the form of a plant or animal, in terms

of domestication and evolution, nutrition and environment, consumable cultural meaning, and as industrially produced commodity.

**HSS250 Geopolitics and Development in East Asia 3:0:3(6)**

This course aims to understand various forms of geopolitical tensions and cooperations in East Asia through geopolitical theories and concepts. Specifically, it will explore how the East Asian states such as China, Japan, South Korea, and North Korea shape geopolitical space together with a multitude of non-state actors.

**HSS252 Issues in Urban and Regional Development 3:0:3(6)**

This course examines a variety of issues in urban and regional development in political, economic, social, and cultural terms. It also includes the study of major theories and practices of urban and regional development with case studies of different parts of the world.

**HSS253 Corporation Laws 3:0:3(6)**

This course will enable students to learn about general concepts and procedures of the corporation, its management and financial structures and related rights and duties, the relationships, responsibilities, and rights of the directors, shareholders, and corporation.

**HSS255 Gender and Society 3:0:3(6)**

This course analyzes varying social realities from the perspective of gender theory and feminism. The following issues are examined: identity of males and females; differences in the real life of men and women that appear in social areas such as family, economics, politics, and culture; social, cultural, and historical differences of males and females.

**HSS256 Society and culture of China 3:0:3(6)**

The purpose of this course is to understand PRC through the social culture of China. This course will give you better ideas on the geographic setting of PRC, its people and their life style etc..

**HSS257 Biotech's Legal Issues & Regulations 3:0:3(6)**

This course will educate students to have birds' eye view on biotech, one of the four 21st century new technologies, related legal issues and corresponding regulations in various laws as well as its relationship with religion, ethics, and family values.

**HSS258 Geography of International Development 3:0:3(6)**

This course examines the political economy of development. Specifically, we will study development theory, the historical geography of capitalist development, and contemporary development practices. Furthermore, we will explore this general approach with case studies from different regions to interpret differential patterns of development. Special attention will be given to development in Asia, Africa, and Latin America.

**HSS262 Trademark Infringement Litigation 3:0:3(6)**

This law class will focus on trademark infringement litigation (offense, defense, and remedies), trademark in internet, trade dress, and civil litigation process, focusing on trademark.

**HSS263 Patent Infringement Litigation 3:0:3(6)**

This course will teach about patent infringement claims (literal, equivalent, & in foreign country), infringement defense methods (no-infringement, limitation on patent, & patent revocation), infringement damage, and civil litigation procedures, focusing on patent litigation.

**HSS265 Rereading Korean Poetry**

**3:0:3(6)**

This course helps students recognize the tradition of Korean poetry and build poetic sensibility by rereading the works of famous Korean poets.

**HSS266 Rereading Korean Novels**

**3:0:3(6)**

This course aims to enhance students' understanding of Korean novels by instilling an appreciation of the main works in the history of the Korean novel. During this process, texts by main Korean authors will be discussed. The focus is on relating Korean culture with changes in the form of novels through a close examination of the texts.

**HSS267 Understanding Korean Music Culture**

**3:0:3(6)**

The main purpose of this class is to introduce Korean music culture from the early to the present to the undergraduate. This course begins with the introduction of Korean traditional musical instruments and a short overview of categorization of Korean traditional music culture. The lectures will take up a series of topics designed to explore the various traditional musical genres in Korea and some of Asian countries such as China and Japan. Topics include; Musical Instruments of Korea, Traditional Notation systems, Rhythmic Patterns, Melodic Patterns, Traditional Dance (Court Dance & Folk Dance), Confucian Ritual Music, Court Music, Korean Religious Music, Folk Music, Korean Vocal Techniques, Folk Song, P'ansori, Tanga, & Kayagum p'yongch'ang, Theatre Music (Ch'angguk) not only in Korea but also in East Asia, Songs for aristocratic class such as Kagok, Kasa & Sijo, Korean Early Modern Pop Music, Contemporary Genres in Traditional Korean Music, Social and Regional Contexts in Korean Music and so on. Students are required to read a comprehensive but not overwhelmingly detailed text to supplement the lectures and to assist a better understanding of Korean music culture.

**HSS268 Chinese Conversation II**

**3:0:3(6)**

This class aims at enhancing Chinese conversational skills of any student who has already studied a minimum of 6-month-long basic Chinese language. This class also aims at improving and helping any student's Chinese language skills expected of short-term excursion or trip to mainland China to be able to speak the language fluently.

**HSS269 Animation in East Asia**

**3:0:3(6)**

This class provides an introductory overview of the history, themes, genres and production of animation in Japan, South Korea, and China. Students will learn how to analyze and interpret animated films in terms of their artistic, cultural and historical significance. This class will explain the economic and industrial factors behind the success of animation in East Asia, in their domestic markets and around the world.

**HSS270 British and American Poetry**

**3:0:3(6)**

This course will give the students an opportunity to cultivate their poetic sensibility and understand

the social and cultural meaning of poetry by surveying major British and American poets and their poems, with a focus on literary trends and themes.

**HSS271 British and American Novel 3:0:3(6)**

This course is designed to provide an opportunity for the students to expand their interest in English literature, and broaden their understanding of English language and culture and various life experiences, by surveying major British and American novelists and reading their works.

**HSS272 English Drama and Film 3:0:3(6)**

This course provides students with an understanding of the histories, practices, contexts of drama and exploration of representative 20th Century English and American plays written in 20th works. This is supported by a comparison of plays with their film versions.

**HSS273 English Short Stories 3:0:3(6)**

This course aims at improving students' ability to interpret and analyze British and American short stories as well as enhancing their reading skills. Students will be asked not only to do extensive reading but also to communicate their opinions and ideas about the readings.

**HSS274 English Science Fiction 3:0:3(6)**

This is a course that focuses on analysis and discussion of English science fiction texts and films. It aims to enhance students' interests in literature as well as their critical awareness of various issues related with the topic "science and society."

**HSS275 Arts of Asia 3:0:3(6)**

This course will take a topical approach to the arts of Asia from theolithic period to the present. A wide range of materials from Korea, China, Japan, and India will be examined. The course will place special emphasis on the relationship between the arts and the social, political, religious, and intellectual forces that helps to shape them.

**HSS276 Comic Books and American Cinema 3:0:3(6)**

This class will examine the relationship between the American comic book industry and Hollywood cinema. Covering the cultural impact of comic books, theories of adaptation, and the notion of intertextual storytelling, this class will provide an introductory overview of the development of the superhero film and the significance of this genre. Students will study both films and comics, and will participate in a creative/critical comic book adaptation project.

**HSS277 The world of Musicals 3:0:3(6)**

This lecture is a historical survey of the representative musicals from the 1940's to the present, including those of Rodgers & Hammerstein, Leonard Bernstein, Jerry Bock, L.A. Webber, Claude-Michel Schoenberg, Stephen Sondheim, and others. Based on the musical scores of the selected 40 best musical songs, we will learn songs in terms of their stylistic characteristics of the music and lyrics. Plenty of audio-visual material will be used for understanding various musical types, song types, dramatic situations and stage sets, and light effects. Furthermore, students will have first-hand learning experiences by attending a couple of live musical stages. During the semester, students are encouraged to perform a selection of musical numbers or newly created musical scenes.

**HSS278 Modern Arts** **3:0:3(6)**

This course investigates major artistic trends and discursive issues in modern and contemporary periods from the late 18th to the 21st century. The lectures present various key developments in visual art against a broader backdrop of social and political transformations. The purpose of the course is threefold: to facilitate students' understanding of art history and visual culture of our own era; to provide them an opportunity to develop and exercise the rhetorical skills; and to equip them with the tools to conduct a visual analysis and critical interpretation. Students are expected to keep up the readings and actively participate in the class.

**HSS279 Art after 1945** **3:0:3(6)**

This course investigates the artistic trends and discursive issues after the end of the World War II. The lectures will present various key developments in visual art against the socio-historical context of the globe.

**HSS280 Understanding World Music** **3:0:3(6)**

The main purpose of this class is to introduce various world music cultures to the undergraduate. This course begins with the concept of world music and a short overview of categorisation of diverse traditional music and contemporary music cultures in the world. The lectures will take up a series of topics designed to explore a variety of musical genres in the various areas.

**HSS281 European Literature and Art** **3:0:3(6)**

This course aims to introduce and discuss a wide range of cultures and literatures of Eastern and Western countries excluding Britain and America. Courses such as Understanding of German Culture and Literature, Understanding of Chinese Culture and Literature, and so on are offered.

**HSS286 Environmental Law** **3:0:3(6)**

During the latter half of last century and this century, the worldwide population and technologies have been exploding, using up more resources and generating more environmentally hazardous materials as well as polluting air and water, the vital needs for human beings' survival, ever before. This course will let students to have bird's eye view on various environmental laws, their rationales and applications, and resulting sanctions.

**HSS290 Speech and Discussion** **3:0:3(6)**

The goal of this course is to improve KAIST undergraduate students' various communication skill; presentation, debate, discourse etc. In this course, students learn how to speak their own assertions and how to take out creative conclusions.

**HSS291 Fitness Assessment & Conditioning** **2:3:3**

The purpose of this course is provide a basic knowledge of exercise to student of KAIST that a variety of exercise opportunities, lack of physical activity and health self-management. This course is to undergo a variety of exercise methods combined strength training type and aerobic exercise. Also, cultivate the ability to select proper exercise. This class is Korea Language Class.

**HSS292 Business English Projects** **3:0:3(6)**

This course is intended for undergraduate students who wish to gain business experience in order to

stand out during future job interviews. Companies ask tough questions and students need to be able to give professional answers. This course will give students a strong advantage in a job interview by providing them with real business experiences to discuss with recruiters.

**HSS293 Statistics in the Social Sciences 3:0:3(6)**

This course is designed to give the well-educated person a basic understanding of statistical concepts. It is designed for the future professional statistician. The goal is to acquaint the student with the concepts and terminology of statistics so that he or she can evaluate statistical claims seen or heard in the general media and can understand results from experiments and surveys.

**HSS296 Exercise & Diet 2:3:3**

The purpose of this course is provide a basic knowledge of exercise to student of KAIST that a variety of exercise opportunities, lack of physical activity and health self-management. This course is to undergo a variety of exercise methods combined Exercise and Diet. This class is Korea Language Class.

**HSS301 Topics in Philosophy 3:0:3(6)**

This course is occasionally offered depending on student need and interest. Frequently, topics are selected from the more specialized fields in philosophy such as aesthetics, formal ontology, philosophy of Baduk, philosophy of religion, and philosophy of mathematics. Sometimes, however, particular problems or issues in philosophy such as causation, freedom of will, non-existent possibilities, and the ontological status of works of art are selected.

**HSS302 Special Lectures on Linguistics 3:0:3(6)**

This course will enhance students' understanding of language through the study of general areas related to language, with a focus on a special subject.

**HSS303 Studies in the Problem of Korean History 3:0:3(6)**

This course is designated to expand and deepen the historical knowledge (focusing on Korean history) of participating undergraduate students in a systematic way. The topics dealt with will be chosen from among critical issues raised in current research of Korean history, based on discussion with students. Examples of topics include "Everyday Life and Power", "Goguryeo and Foreign Relations in Ancient Korea", and "Development of the City in Pre-modern and Modern Korea". The course consists of seminars and presentations.

**HSS304 Special Issues in History 3:0:3(6)**

This lecture series will present an important and current issue related to human history. This lecture is expected to instill in students heightened concern about and interest in history. For example, the adoption of scientific methods in the research of history and archaeology, which is currently producing significant results, is introduced to demonstrate that these two disciplines are in a close and collaborating relationship.

**HSS305 Special Lecture on World Languages and Cultures 3:0:3(6)**

This course aims at enhancing Japanese, Chinese or Spanish language skills of those students who already attained basic Japanese, Chinese or Spanish language skills and their understanding of Japanese, Chinese or Spanish culture. This course, thus, will meet the demand of students wishing

to enhance their Japanese, Chinese or Spanish language skills while not in want of fulfilling basic Japanese, Chinese or Spanish language requirements and at the same time will provide an opportunity for the students to better understand and form an informed and balanced perspective of Japanese, Chinese or Spanish society and culture.

**HSS306 Seminar in Humanities** **1:0:1**

Seminar in Humanities is structured as a series of lectures on any topic broadly concerning humanities and social sciences. In four weeks, eight lectures will be delivered by an invited scholar, and students will be required to submit an essay and to sit on one examination reviewing the contents of the lectures given.

**HSS307 Contemporary Political History of Korea** **3:0:3(6)**

This course reviews the some critical issues in the post-liberation period of North and South Korea.

**HSS308 Environmental Ethics** **3:0:3(6)**

The aim of this course is to introduce you to the central moral problems regarding the impact of humanity on the environment and its non-human as well as human inhabitants. We will be concerned with questions such as: how should we assess our impact on the environment? Should it be assessed according to the impact of our environmental policies and decisions on other human beings alive today? What about future generations of humans ?

**HSS309 Modern European and American Intellectual History** **3:0:3(6)**

This is an introductory intellectual history course surveying representative schools of thought (philosophy, ideology, influential scholarly and scientific theories) of Europe and the United States from the 18<sup>th</sup> century onward.

**HSS320 History of Architecture** **3:0:3(6)**

An introductory history of cities and buildings throughout the world from earliest times to the present. We will pay special attention to the social, religious, and political dimensions of architecture in order to help understand what buildings mean in context—that is, to the community that uses them.

**HSS321 Reading East Asian Classics in Classical Chinese** **3:0:3(6)**

This course is to understand the East-Asian classic original literature and to observe the modern meaning of these pieces. Following this, the students will improve their understanding about Chinese characters and East-Asian traditional thinking structure. Furthermore, the students will prospect their good life to meditate of this classic.

**HSS322 Understanding Music and the Brain** **3:0:3(6)**

How does the brain response to music? This course provides a broad overview of how various components of music including pitch, harmony, and rhythm are processed in the human brain. By studying the brain mechanism of music listening, students will understand why music touches us emotionally and how the brain changes with musical training.

**HSS324 Science Fiction Cinema** **3:0:3(6)**



This class will introduce students to the importance of science fiction films. Through close analysis of the visual style, themes and subtext of key films from the historical development of the science fiction genre, students will gain an understanding of how film makers use their visions of the future to comment on contemporary society and culture. Students will learn how to study and appreciate films from different national cinemas, and will gain a richer sense of how science and technology have changed film.

**HSS325 Renaissance and Baroque Art 3:0:3(6)**

This course examines art and architecture of Western Europe from the late thirteenth to the seventeenth century that covers the Renaissance and Baroque period. The course offers an introductory survey of major artistic monuments, focusing on the key issues raised in this period and basic chronological surveys of each artist's development.

**HSS326 Modern English Literature 3:0:3(6)**

Designed for guiding students to experience and appreciate Modern English Literature, this course will focus on reading Modern English poems and Novel, interpreting them, and sharing what students experience from reading with other students.

**HSS328 Philosophy of Mathematics 3:0:3(6)**

This is a comprehensive introduction to philosophy of mathematics. We aim at granting a fair hearing to history, mathematical core, and recent developments of philosophy of mathematics. In addition to the usual discussion of foundations of mathematics, application of mathematics to sciences will be also a focal issue.

**HSS330 Topics in Science and Technology Studies 3:0:3(6)**

This course provides an in-depth study of a specific topic regarding science technology that can be related to the aspects of humanities or social science.

**HSS331 Special Lecture in Cognitive Science 3:0:3(6)**

This course will deal with special topics in cognitive science. It will examine what cognition is, what it does, and how it works under multidisciplinary scientific perspectives.

**HSS332 Special Topics in Social Sciences 3:0:3(6)**

This course will be offered with a specific subtitle as a lecture on a special subject in social sciences besides those courses offered in the curricula of humanities and social sciences.

**HSS333 Seminar in Psychology 3:0:3(6)**

The story of the human lifespan helps us understand the dynamic interplay of psychological and environmental forces. This course covers principles of human behavior including issues of development, personality, learning social cognition, and mental illness.

**HSS334 Seminar in Cognitive Science 3:0:3(6)**

This course is designed to make students access to reading of representative articles in cognitive science and presenting their comprehension of them. This experience will help students to generate research ideas in creative and constructive ways.

**HSS336 The American Democratic Tradition 3:0:3**

An introduction to the American democratic tradition, political system, society, culture, etc.

**HSS337 New Media and Communication 3:0:3**

This course provides guidance on introduction to new media and communication in the context of the complex interactions of culture and technology. This course offers both theoretical approaches and case studies of these interactions from diverse domains, including new media, linguistics, information technology etc. This course will help students to understand relationship between new media and communication effectively.

**HSS338 Technology, Democracy and Market 3:0:3(6)**

This course aims to provide students with theoretical frameworks to understand major tensions and tradeoffs transpiring at the intersections of technology, democracy, and market, thereby helping students to think through apparently dissimilar issues or events of each domain and discern critical links among them.

**HSS345 Welfare State and Social Security 3:0:3(6)**

This is an introductory course in social work/welfare. Students will learn about the values and ethics, key concepts and theories, history and policies, and multi-level and multi-method approach to alleviating and eradicating social problems in the field of social work. Students will be challenged to develop critical thinking skills and to broaden their concepts of social welfare.

**HSS353 Creative Activities and Law 3:0:3(6)**

This course will give you an idea on how the legal system is related with creative activities. It will help you understand how creative activities can be legally regulated by taking a look at different cases of legal problems that can occur through practicing creative activities.

**HSS360 Special Lecture on Korean Literature 3:0:3(6)**

This course is an in-depth seminar in which students participate. A special subject in Korean literature will be addressed, and the choice of the subject can be influenced by student interest. Possible main subjects are theories for creating literary works, Korean literature, and folk customs.

**HSS361 Special Lecture on English Literature 3:0:3(6)**

This course focuses on an in-depth exploration of major themes of English Literature. The genres include Modern Feminist Criticism, English Novel and Cinema, Science Fiction, and English Drama.

**HSS362 Special Lecture on Art 3:0:3(6)**

Special Lecture on Art consists of a variety of subjects that are based on student-centered and learning-by-doing principles of education: <The World of Musicals>, <Opera and Theater Music>, <Art History>, <Theory and Practice of Choral Music>, <Chamber Music Ensemble>, <Improvisation>. Furthermore, there are several interdisciplinary courses on the fusion of science/engineering and art: <Computer Music(Composition)>, <Making of String Instruments>, <Making of Percussions>.

**HSS370 Vision, Brain and Art 3:0:3(6)**

This course will offer an interdisciplinary approach to the principles of brain functioning and its process of visual information as manifested in art works of various cultures. A comparative study of

artistic representation in different principles will illustrate the human processing of visual events and the nature of sensory systems. This course will provide an integrated understanding of cognitive process of perception and the comprehension of art beyond intuitive and often uniformed appreciation of its aesthetic values.

**HSS374 Modern Architecture** **3:0:3(6)**

The course focuses on the history of modern architecture and architectural theories, from the Industrial Revolution to the present. Through in-depth examination of weekly case studies, students will be studying a number of influential designs in modern times. The goal of the course is to understand the architectural design in relation to the broader political, cultural, social, and economic forces that inevitably shape and impinge upon them. Students will also learn the basics of structure, as well as acquire an understanding of what goes into the design of buildings, the purpose of architecture, its meaning and expressive power.

**HSS375 20th Century East Asian Art** **3:0:3(6)**

This course explores the ways in which East Asian socio-economic and cultural conditions shaped the production of various artistic movements from the early 20th century to the present.

**HSS376 Understanding Musical Phenomenon** **3:0:3(6)**

1. This course provides an objective, scientific introduction to the elements of classical music that have evolved in Western Europe since the 17<sup>th</sup> century. 2. Students learn how such elements contributed to the development of classical music over the past 300 years, and examine their influence on music in the 20<sup>th</sup> and 21<sup>st</sup> centuries, including popular music. New elements of futuristic music with inaudible frequency components are also introduced.

**HSS378 Violin Family Instrument Making & Experimentation** **3:0:3(4)**

The course focuses on designing and reconstructing the most complete 3-dimensional performance instrument to date, the violin. All instruments not part of the violin family are performed alongside or towards the earth's gravity ? this must be recognized in order to understand its structure as well as to incite creative approaches. The creative approach will practice in process of creating violins from paper. At the same time, an interdisciplinary connection between engineering students and their core majors will be presented to aid various aspects of making process. The emphasis will target stringed instruments including traditional Korean instruments and creative instruments through violin family instruments research.

**HSS390 Advanced English Conversation** **3:0:3(6)**

The aim of this course is to build English communication skills through discussion and presentation of contemporary issues and topical dialogues. The primary objective of the course is to help students increase their confidence and skill level through discussion of a wide range of contemporary topics and issues in English.

**HSS392 English Science Writing** **3:0:3(6)**

This course is intended for undergraduate students who need to use English for preparing documents, reports, and papers. The students will be actively involved in developing writing skills that are required to complete reports, theses, and research papers.

**HSS393 English Presentation 3:0:3(6)**

This course will primarily focus on developing basic presentation skills enabling the student to deliver an effective presentation in his or her field of study/research. The class will introduce and develop specific presentation skills as well as presentation practices through pair, group or class work.

**HSS394 Internet English 3:0:3(6)**

The primary goal of this course is to develop English communication skills while discussing and utilizing computers and the Internet. Students will also increase their knowledge of information technology.

**HSS395 Current Events in English 3:0:3(6)**

This course will help students increase their awareness and broaden their understanding of current events around the world. A variety of English print and video resources will be used to this end.

**HSS396 English Reading in Science 3:0:3(6)**

This course aims to improve students' reading skills, focusing on arctic lesson science and technology. Topics include scientific revolution, biographies of great scientists, ecology, the genome project, and the responsibility of the scientist.

**HSS398 English Conversation 3:0:2(4)**

This course is to build English communication skills through the discussion and presentation of contemporary issues and topical dialogues. The primary objective of the course is to help students increase confidence and skill level in discussing a wide range of contemporary topics and issues in English.

**HSS399 Creative English Writing 3:0:3(6)**

Creative English Writing is a non-academic writing workshop intended to foster the expression of student creativity through the medium of written English. Topics will include fiction, personal essay and memoir, magazine writing, poetry, and playwriting. Study will begin with analysis of exemplary writings to heighten student awareness of features common to successful creative writing. Students will adapt these features to their own work as appropriate, using a process approach encouraging thoughtful self and peer editing for progressively effective personal expression.

**HSS404 Human, Computer, Language 3:0:3(6)**

This course is the interdisciplinary study of interaction between people and computers, especially from a linguistic point of view. In the course, students can learn the basic structure of human language and computer language, study common features and different features between them, and investigate the possibility of human language as applied to the computer.

**HSS405 Logic and Artificial Intelligence 3:0:3(6)**

We propose to study some of the most fruitful applications of logic in diverse areas of artificial intelligence researches. This includes non-monotonic logic, belief revision, epistemic logic, and temporal logic.

**HSS409 Odyssey of pioneers in modern Korea 3:0:3(6)**

This course is designed to help students study the most brilliant pioneers in modern Korea such as

Yoo Giljun Suh jaephil, Lee Sungman, Ji Seokyoung, Suk joomyung, Na Hyesuk and so on, understand the properties of science and the history of civilization in modern Korea.

**HSS412 English and Society** **3:0:3(6)**

This course is designed to study linguistic phenomena as social activities in the American society. It helps students understand the characteristics of English and English users by analyzing the historical background, geographical differences, racial and social classes and behavioral patterns of American society.

**HSS423 On Representation** **3:0:3(6)**

This course is a critical analysis of theories of “representation,” one of the most widely discussed subjects in the field of philosophy, cognitive science, and visual studies. Encouraged by the unexpected interaction between philosophy, cognitive science, and visual studies with regard to the issue of representation, the course will be concerned with a variety of interrelated and overlapping questions. The course aims to provide a vocabulary with which to discuss diverse ways in which human has extract information from the world, making recognizable and understandable, and encourage students new mode of representation in our media-saturated information society.

**HSS430 Introduction to Kinesiology** **3:0:3(6)**

Kinesiology is the study of human movement, typically pursued within the context of sport, art, or medicine. The increase of musculoskeletal disorders such as posture imbalance is due to the non-active time of daily life. Also sports injury is due to a lack of safety and understanding of bodies movements. Therefore, It is important to understand functional anatomy of our body and various methods for physical activity to enjoy exercise and sports safely and effectively. Kinesiology draws from three bodies of knowledge: anatomy, biomechanics, and physiology.

**HSS431 Security and Economy in East Asia** **3:0:3(6)**

This course aims to investigate political and economic relations among Korea, China, Japan, and the United States after the World War II. We examine major historical events and useful theoretical tools to understand the dynamics of political and economic relations among East Asian countries.

**HSS433 Brain and Cognition** **3:0:3(6)**

This course provides students an overview of cognitive processing with neuropsychological and neuroscientific perspectives. Topics will be aspects of perception, attention, memory, language, and emotion. Knowledge of underlying neural mechanisms of cognitive processing and brain imaging technologies like fMRI will help students to pursue their own research interests in the future.

**HSS434 Computational Cognitive processing** **3:0:3(6)**

This course presents an in-depth overview of theoretical and computational approaches to cognitive dynamics and applications with interdisciplinary perspectives. Understanding of higher-order cognitive functions would lead to designing intelligent devices. This course will cover a wide range of research areas related to dynamics of cognition, including experimental studies on cognitive science, dynamical modeling and interpretation of cognitive experiments.

**HSS436 Philosophy of Mind** **3:0:3(6)**

We typically think of minds as things, and forget that mind is what we do - if we don't mind, then nothing else matters. In this class, we will try to understand how physical cognition results in caring about things. The first half of the class will review contemporary issues in philosophy of mind alongside historical predecessors toward a sophisticated, contemporary view of the mind and the self. Issues to be reviewed include dualism, materialism, existentialism and freedom and freewill, self-consciousness and society, the embodied source of value, the gestural origins of language and the symbol grounding problem. The second half of the class will explore more deeply more technical issues including the "hard" problem of consciousness, neurology and consciousness, evolutionary psychology, transhumanism and artificial minds, and the enduring role of subjectivity in the cognitive sciences.

**HSS437 Introduction to North Korea** **3:0:3(6)**

The aim of this course is to help students to understand North Korean Society. This course focuses on history, literature and science of North Korea.

**HSS447 Man and War** **3:0:3(6)**

Is war a part of human nature? Why is war? This course examines a variety of answers to such questions. Taking an interdisciplinary approach, the course surveys various theories of human nature and war and examines diverse social phenomena as the cause and consequences of war.

**HSS451 Sustainability: Agenda and Prospects** **3:0:3(6)**

With the UN Bruntland Commission Report "Our Common Future" of 1987, sustainability has become one of the most fundamental and comprehensive ideas capturing the interests of individuals, companies, and governments. This course is a broad survey of the history and various institutions and issues of sustainability. Topics covered in the course include: the roles of the UN for sustainable development, sustainability and frontiers in technological development in several fields (energy, transportation, manufacturing, etc.), and political and social concerns related to sustainability.

**HSS453 Behavioral Finance** **3:0:3**

Behavioral finance uses psychology to examine how individuals' attitudes and behavior affect their financial decisions and financial markets. The role of heuristic-driven biases and frame dependent on the market inefficiency will be emphasize..

**HSS454 Political Economy of Science & Technology** **3:0:3(8)**

This course provides an understanding of the dynamics of political and economic forces underlying the formation of and changes in distinct science and technology regimes. Primary focus is placed on institutional complementarities in which organizational forms and behavioral patterns of science and technology development evolve in an interlocking relationship with the distinct constellations of political and economic institutions surrounding it.

**HSS455 Philosophy of Science Policy** **3:0:3(8)**

This course will introduce students to some of the fundamental philosophical problems concerning science policy: What is the nature of Expertise? What is evidence and how do we assess risk? How does ethics influence policy issues in biomedical and environmental research?

**HSS470 English Literature and History** **3:0:3(6)**

This course tries to understand English Literature within the context of English history. It explores and discusses successes/failures of English Literature in representing historical events. The students are supposed to read works of professional historians as well as the representative English novels.

**HSS471 Gender and Literature 3:0:3(6)**

This is a course that focuses on literary analysis and discussion of texts from Korean and World literature, in which “women“ or “gender” is a main concern. It aims to enhance students’ interests in literature as well as their critical awareness of social issues including gender.

**HSS472 Art and Philosophy 3:0:3(6)**

This is an introductory survey of basic problems of aesthetics and philosophy of art. In addition to historically influential theories of beauty and art, problems of aesthetic attitude, metacriticism, metaphor, representation, and expression in art will be covered.

**HSS479 English Debate 3:0:3(6)**

English Debate is an advanced English communication course for undergraduates. This course will help students develop their abilities to think critically and to formulate and deliver clear, well-supported spoken arguments. During this course, students will research topical issues, develop arguments for and against resolutions on those issues, and engage in formal debate to test both the strength of their arguments and their skills in presenting those arguments.

**HSS483 Case Studies in Science and Technology Policy 3:0:3**

This course introduces basic methodologies in studying science and technology policy and examines several policy cases, including nuclear policy, science manpower policy, the relationship between basic and applied sciences, and technological collaborations.

**HSS484 Special Topics in Policy 1:0:1**

This course is to look into case studies about social issues of political fields and political processes by inviting experienced experts in policies of science & technology, national defense diplomacy and economy. Through this, students can acquire a macroscopic view of national political situation and political mind.

**SS485 Powerful report writing 1:0:1**

This lecture provides with not a simple composition skill but a practical way of professional planning, writing, and presenting reports.

**HSS490 Culture • Art and Image Code 3:0:3**

This course is to investigate what the Image Code is and how to find the special meanings and forms of cultural archetypes that have been Immanent in the cultural and artistic works through the times. Especially we will focus on the symbolic meanings of them through the artistic and socio-cultural works of Greece, Egypt and Western Countries at the Ancient Times. Studying the symbolic meanings of the ancient cultural Images in the Religion, Mythology, Arts and Thoughts, we can approach to see how the Image Code have been carried on until the Present Time.

**HSS491 Intermediate Korean I for Foreign Students 3:0:3(6)**

Students review and develop their knowledge of Korean language and culture. This course will include contextual lessons in Korean history, and values. Formal analyses, drills, reading, writing and discussions will be performed using diverse forms of reading materials.

**HSS492 Special Topics in Humanities & Social Sciences 1:0:1**

This course will enhance students' understanding of relevant area through the study of humanities and social sciences, with a focus on a special subject.

**HSS493 Special Topics in Art 1:0:1**

This course will enhance students' understanding of relevant area through the study of art, with a focus on a special subject.

**HSS494 Advanced Korean 3:0:3(6)**

This lecture is for learners who have studied Basic Korean and intermediate Korean or have an ability equivalent. This lecture aims for learners to have level 2 of test of proficiency in Korean(TOPIK). Students learn necessary communicative skills in situations such as phones calls, asking favors and using public facilities such as post offices and banks.

**HSS495 Individual Study 0:6:1**

This course is a program for individual study by a student with a chosen professor. Its purpose is to help students build the ability to raise questions independently and interpret them, and to perform creative research by examining data or through field study in the humanities or social science.