



Ajou Exchange Program

2018-2019



AJOU UNIVERSITY

Ajou at a Glance

With its high standard of education and research Ajou University has been globally recognized as a leading educational institution of higher learning.

Ajou University is committed to academic excellence, a global campus, an innovative system and a creative culture.



Improving the Quality and Safety of Health Care for Every Patient Across the Globe



15,800

Student Body

10,000

Undergraduates

4,300

Graduates

600

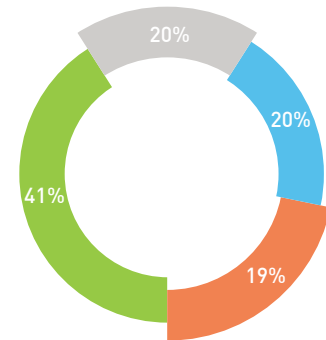
in other courses



One of the Top100 Asian Universities Ajou University

- A leading research university in Korea established in 1973, with 11 schools/colleges, located in the greater Seoul area, about 30km south of Korea in the city of Suwon.
- Ranked around 12th in Korea and 130th in Asia in 2017
- Ranked 21st in 2017 Reuters, 'Asia's Most Innovative Universities'
- Ranked 7th in 2013 employment rate of graduates among top 15 Korean universities
- Received Accreditation of the International Education Quality Assurance System (IEQAS) from the Korean Government for excellent management and services for international students
- Strong international programs based on collaborative partnerships with 310 universities in about 70 countries, and an active member of various international education associations

- Language Program
- Exchange
- Postgraduate
- Undergraduate



INTERNATIONAL STUDENTS : FALL 2017

- 900 international students from more than 65 countries (ranked 6th in 2017 in the diversity of international students) with around 400 exchange students per year (incoming and outgoing, respectively)
- About 200 courses lectured in English per semester
- The only university in Korea selected by the Korean Government for World-Class University (WCU) Project in Financial Engineering
- The Medical Center being one of 10 research hospitals in the nation

Ajou Exchange Program 2018-2019

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Ajou Exchange Program

(Updated on Mar. 1, 2018)

Ajou University		
Name of institution	Ajou University 亚洲大学 아주대학교	
Location	Suwon (水源), South Korea	
Office involved with exchange	Office of International Affairs (OIA)	
Mailing Address (for courier deliveries)	Office of International Affairs (Yulgok Hall 312) International Exchange and Cooperation Ajou University 206 Worldcup-ro, Yeongtong-gu, Suwon 16499, KOREA	
Institution's website	www.ajou.ac.kr/en	
Contact information	Vice President for International Affairs Dr. Jay Ick Lim	
	Director Ms. Jae-Eun Kim jekim@ajou.ac.kr	
	Student Mobility Program / Global Internship Program	
	Program Manager Ms. Alice Lee Exchange Program Management yilee@ajou.ac.kr Tel: +83-31-219-2922	Short-term Program Coordinator Ms. Eun Saem Kang Short-term student program exch@ajou.ac.kr Tel: +82-31-219-3314
	Incoming Program Coordinator Ms. Gloria Seo Incoming student program incoming@ajou.ac.kr Tel: +82-31-219-2923	Coordinator Ms. Eunjung Park Global internship program globalintern@ajou.ac.kr Tel: +82-31-219-3521
	Outgoing Program Coordinator Mr. Yeon-Ho Bae Outgoing student program exch@ajou.ac.kr Tel: +82-31-219-2926	Coordinator Ms. Anna Cho Global internship program globalintern@ajou.ac.kr Tel: +82-31-219-3522
	International admission for degree program / Language Program	
Coordinator Mr. Joon-Hee Lee Int'l Student Admission admission@ajou.ac.kr Tel: +82-31-219-2925	Coordinator Ms. Jihyun Seo Korea Language Program / Center for Int'l Education afp@ajou.ac.kr Tel: +82-31-219-3599	
	Coordinator Ms. Jiyul Moon Ajou Foundation Program / Center for Int'l Education afp@ajou.ac.kr Tel: +82-31-219-3598	

Academic Information																																																								
Academic calendar	<ul style="list-style-type: none"> • Spring Semester: March to Mid-June (16 weeks) (Spring: 1st week of March to 3rd week of June) • Fall Semester: Late August to Mid-December (16 weeks) (Fall: 1st week of September to 3rd week of December) • http://www.ajou.ac.kr/en/international/inter20_01.jsp 																																																							
Full-time workload	<p>Exchange students usually take 3 to 6 courses per semester based on 3 credits per course. 3 credits course consists of 48-hour workload.</p> <p>No minimum workload is required. Maximum workload allowed per semester is 19 credits (usually 6~7 courses)</p>																																																							
Information on courses open to exchange students	<p>Consistent with its emphasis on global education, Ajou University offers a variety of courses taught in English. Currently, more than 300 students from various countries study at Ajou thorough our student exchange programs.</p> <p>At Ajou University, exchange students are enrolled as undergraduate regardless of students' level of studies at their home university.</p> <p>In case students are graduate(master) at their home university, they can take up to 6 credits of graduate(master) courses at Ajou, but should go through prior approval of each professor. If graduate(master) students take undergraduate courses at Ajou, they should check with their home university if undergraduate credits at Ajou can be transferred or not.</p>																																																							
Course list & descriptions	<p>The updated list of courses is confirmed two months before each semester. Please refer to the existing course list respectively as a reference to the courses to be offered in the same semester.</p> <p>http://www.ajou.ac.kr/en/international/inter21.jsp</p>																																																							
Grading System	<p>[Undergraduate]</p> <table border="1"> <thead> <tr> <th>Letter Grade</th> <th>Grade Point</th> <th>Grade</th> </tr> </thead> <tbody> <tr><td>A+</td><td>4.5</td><td>95 ~ 100</td></tr> <tr><td>Ao</td><td>4.0</td><td>90 ~ 94</td></tr> <tr><td>B+</td><td>3.5</td><td>85 ~ 89</td></tr> <tr><td>Bo</td><td>3.0</td><td>80 ~ 84</td></tr> <tr><td>C+</td><td>2.5</td><td>75 ~ 79</td></tr> <tr><td>Co</td><td>2.0</td><td>70 ~ 74</td></tr> <tr><td>D+</td><td>1.5</td><td>65 ~ 69</td></tr> <tr><td>Do</td><td>1.0</td><td>60 ~ 64</td></tr> <tr><td>F</td><td>0.0</td><td>0 ~ 59</td></tr> </tbody> </table>	Letter Grade	Grade Point	Grade	A+	4.5	95 ~ 100	Ao	4.0	90 ~ 94	B+	3.5	85 ~ 89	Bo	3.0	80 ~ 84	C+	2.5	75 ~ 79	Co	2.0	70 ~ 74	D+	1.5	65 ~ 69	Do	1.0	60 ~ 64	F	0.0	0 ~ 59	<p>[Postgraduate]</p> <table border="1"> <thead> <tr> <th>Letter Grade</th> <th>Grade Point</th> <th>Grade</th> </tr> </thead> <tbody> <tr><td>A+</td><td>4.5</td><td>95 ~ 100</td></tr> <tr><td>Ao</td><td>4.0</td><td>90 ~ 94</td></tr> <tr><td>B+</td><td>3.5</td><td>85 ~ 89</td></tr> <tr><td>Bo</td><td>3.0</td><td>80 ~ 84</td></tr> <tr><td>C+</td><td>2.5</td><td>75 ~ 79</td></tr> <tr><td>Co</td><td>2.0</td><td>70 ~ 74</td></tr> <tr><td>F</td><td>0</td><td>0 ~ 69</td></tr> </tbody> </table>	Letter Grade	Grade Point	Grade	A+	4.5	95 ~ 100	Ao	4.0	90 ~ 94	B+	3.5	85 ~ 89	Bo	3.0	80 ~ 84	C+	2.5	75 ~ 79	Co	2.0	70 ~ 74	F	0	0 ~ 69
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Academic Transcript	<p>An Original academic transcript will be mailed to the home university within 2 months after the semester ends. If students need to have an extra academic transcript, they should directly contact Ajou Service Center.</p>																																																							

Ajou International programs	
Website for exchange students	<ul style="list-style-type: none"> Spring/ Fall Semester http://www.ajou.ac.kr/en/international/inter17.jsp
Programs open to international students	<ul style="list-style-type: none"> Exchange program (Regular semester program, Spring and Fall semester)
Study Period	<ul style="list-style-type: none"> One or Two semester(s)
Type of status	<ul style="list-style-type: none"> Exchange student from partner university or ISEP member university <ul style="list-style-type: none"> counted as 1 spot of exchange for regular semester 100% tuition waiver Non-exchange student from partner university <ul style="list-style-type: none"> Nomination discussed with students' home university not counted as exchange spot up to 50% tuition waiver Visiting student from non-partner university <ul style="list-style-type: none"> full tuition pay at Ajou
Student withdrawal policy	<ul style="list-style-type: none"> Before arrival at Ajou Students should inform to their home university and the home university coordinator informs student's withdrawal to Ajou. It will not be counted towards 1 spot of exchange. After arrival at Ajou In case student informs the withdrawal after arrival Ajou, it will be counted towards 1 spot of exchange.
Application procedure	
Information on application procedure	<ul style="list-style-type: none"> Spring/ Fall Semester http://www.ajou.ac.kr/en/international/inter18.jsp
Nomination deadline	<p>Partner universities need to discuss the number of students before the nomination and should email the nominated students' information to Ajou. The nomination form will be emailed to partner universities in February and August.</p> <ul style="list-style-type: none"> Spring Semester - November 1 Fall Semester - May 1
Application deadline	<p>Nominated students should submit an online application within the deadline.</p> <ul style="list-style-type: none"> Exchange for Spring Semester - October 1 to November 15 Exchange for Fall Semester - April 1 to May 15
How to apply	<ul style="list-style-type: none"> Online Application http://haksa.ajou.ac.kr/inteWeb.html Application guideline http://www.ajou.ac.kr/en/international/inter19.jsp

Eligibility	<ul style="list-style-type: none"> • Exchange students must be nominated by the Ajou's exchange partner university or through ISEP(International Student Exchange Program). • Exchange students must be a full-time student in one of Ajou's exchange partner universities and have completed at least 1 semester of study at home university. • Students from a non-partner university should have completed at least 1 semester of study at home university and meet the requirement of above 3.0/4.5 on GPA and the language proficiency.
Language requirement	<ul style="list-style-type: none"> • English: TOEFL IBT 71, CET level 6, IELTS level 6 or equivalent • If students do not have an official English score, the recommendation letter by a faculty will be needed to prove the student's English proficiency enough to cope with the curriculum conducted in English. • In case exchange students will take the courses in Korea at Ajou, they should have above level 3 on TOPIK or equivalent.
Application documents	<ul style="list-style-type: none"> • Online application <ul style="list-style-type: none"> - Latest Official transcript <u>in English</u> (upload) - Self-Introduction Essay (upload) - Passport Copy (upload) - Face photo file in JPEG format (size should be less than 200kb) - Health & Medical Clearance Form : Fill out the form and upload - Bachelor's degree certificate (for graduate(master) only) • Individual applicants from a non-partner university should pay the application fee. <p><u>NO MAILING</u> of original documents is required.</p>
Admission package delivery date to home university	<ul style="list-style-type: none"> • Fall semester students : In the mid of July • Spring semester students : In the mid of January
Information on program	
Services offered to exchange students	<ul style="list-style-type: none"> • Airport pick-up • Orientation, welcome reception • Cultural field trips, visit to global companies in Korea • Buddy program • Traditional university festival
Information on Accommodation	<p>All incoming exchange student can apply for the on-campus housing, but it shall not be guaranteed. In the past, almost 100% of exchange students stayed on-campus.</p> <ul style="list-style-type: none"> • Types of on-campus housing at Ajou for exchange students. <ul style="list-style-type: none"> - International Dormitory (opened in Spring 2015): 2-person bedroom - Hwahong Hall: 2-people / 4-people sharing cone bedroom <p>* shared kitchen and bathroom</p>

	<ul style="list-style-type: none"> Housing Fee (for 2018 academic year) <table border="1"> <thead> <tr> <th rowspan="2">Dormitory Type</th> <th rowspan="2">Bedroom Type</th> <th colspan="2">Spring/Fall semester</th> <th colspan="2">Vacation (Summer/Winter)</th> </tr> <tr> <th>KRW</th> <th>USD (Approx.)</th> <th>KRW</th> <th>USD (Approx.)</th> </tr> </thead> <tbody> <tr> <td>Int'l Dormitory</td> <td>2-people</td> <td>1,195,000</td> <td>1,195</td> <td>720,000</td> <td>720</td> </tr> <tr> <td rowspan="2">Hwahong Hall</td> <td>2-people</td> <td>915,000</td> <td>915</td> <td>545,000</td> <td>545</td> </tr> <tr> <td>4-people</td> <td>620,000</td> <td>620</td> <td>415,000</td> <td>415</td> </tr> </tbody> </table> <p>* The above costs are based on the 2018 academic calendar and are subject to change</p> Information on housing http://www.ajou.ac.kr/en/international/inter07_01.jsp 	Dormitory Type	Bedroom Type	Spring/Fall semester		Vacation (Summer/Winter)		KRW	USD (Approx.)	KRW	USD (Approx.)	Int'l Dormitory	2-people	1,195,000	1,195	720,000	720	Hwahong Hall	2-people	915,000	915	545,000	545	4-people	620,000	620	415,000	415
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Tuition	<p>Exchange students pay tuition to their home institutions and tuition is waived at Ajou University. However, non-exchange students from partner universities, visiting students and students who apply independently (non- sister university / non-ISEP students) should pay tuition fee directly to Ajou University.</p> <table border="1"> <thead> <tr> <th>Item</th> <th>Fee (USD) / Semester (Approx.)</th> </tr> </thead> <tbody> <tr> <td>Tuition</td> <td>\$3,600 ~ \$4,400</td> </tr> </tbody> </table>	Item	Fee (USD) / Semester (Approx.)	Tuition	\$3,600 ~ \$4,400																							
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Estimated costs for one semester stay	<p>The Estimated Budget for one semester (16 weeks) at the Ajou University is :</p> <table border="1"> <thead> <tr> <th>Items</th> <th>Fee (USD) / Semester (Approx.)</th> </tr> </thead> <tbody> <tr> <td>On-campus Housing</td> <td>\$1,195 (2 bed room)</td> </tr> <tr> <td>Living Expenses (Meals etc.)</td> <td>\$450 * 4months = \$1,800</td> </tr> <tr> <td>Student support (book, etc.)</td> <td>\$300</td> </tr> <tr> <td>Total</td> <td>\$3,295</td> </tr> </tbody> </table> <p>※ The above costs are a general guideline for estimation only and are subject to change. Please refer the website at http://www.ajou.ac.kr/en/international/inter23.jsp </p>	Items	Fee (USD) / Semester (Approx.)	On-campus Housing	\$1,195 (2 bed room)	Living Expenses (Meals etc.)	\$450 * 4months = \$1,800	Student support (book, etc.)	\$300	Total	\$3,295																	
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Visa requirements	<p>Students need to obtain the D-2 Visa with the admission and invitation letter which will be issued by Ajou.</p>																											
Alien Registration	<p>All students who stay in Korea for more than 90 days must apply for the alien registration card within 90 days of entry. It usually takes 3-4 weeks for the card to be issued.</p> <p>On-campus immigration service will be provided for one day in the beginning of the semester for all new foreign students.</p>																											
Insurance requirements	<p>All exchange students should have Health insurance during their stay in Korea. Students need to purchase health insurance from their home countries, and submit the copy of the certificate to the Office of International Affairs at Ajou before arrival.</p>																											

<p>Health Check-up</p>	<p>All students will be requested to submit the health and medical clearance form with their online applications as part of the required documents.</p> <p>According to government regulation, students with certain designated nationalities will need to submit tuberculosis test result upon D-2 visa applications. If students were not asked to submit the result upon visa application, they need to get re-tested for tuberculosis at the district public health center in Korea upon arrival.</p> <p>The designated countries are: <i>China, the Philippines, Indonesia, Bangladesh, Vietnam, Mongolia, Thailand, Pakistan, Sri Lanka, India, Myanmar, Nepal, Iran, Uzbekistan, Kazakhstan, Kyrgyzstan, Ukraine, Nigeria, Ghana, Egypt, Peru</i></p>
<p>Orientation</p>	<p>All international students are required to attend the orientation. During the orientation, important information such as academic schedule, alien registration, and tips for living in Korea will be introduced to prepare students for life in Korea.</p> <ul style="list-style-type: none"> • Orientation schedule <ul style="list-style-type: none"> - Spring 2018 semester : February 28, 2018 (mandatory) - Fall 2018 semester : August 29 and 30, 2018 (tentative)
<p>Meals and Food</p>	<p>Students can buy various types of meals on and off-campus, and also cook some instant snacks in the shared kitchen of the dormitory. Students usually use the kitchen to cook noodles, toast, and small snacks or to keep their own food in the communal refrigerator. Normal meal prices range from 3,500 won to 7,000 won (approx. USD \$ 3~7) per meal.</p>
<p>Opening a bank account</p>	<p>It's optional. If students would like to open a bank account in Korea, they will need to bring an Alien Registration Card (Alien Registration Card information will be announced during the orientation) and a passport.</p> <p>ISEP students should open a bank account in Korea to receive the stipend.</p>
<p>Other important information</p>	<p>Every fall semester, there is Ajou International Day festival where students present their culture and food, and introduce their school to Ajou. It's a good idea for students to bring traditional displays and costumes to wear to the festival.</p>

Academic Calendar for Exchange students

2018 Academic Year

Spring 2018 Semester

• Course registration	Feb 19-20
• Dormitory Opening	Feb 26
• Orientation (Mandatory)	Feb 28
• Classes Begin	Mar 2
• Course Change	Mar 2, 5
• Course Drop	Mar 22-23
• Mid-term Exam	Apr 20-26
• Final Exam	Jun 18-22
• End of Spring Semester	Jun 22
• Dormitory Move-out	Jun 23

Fall 2018 Semester (Tentative)

• Course registration (Tentative)	Aug 16-17
• Dormitory Opening (Tentative)	Aug 27-28
• Orientation (Mandatory)	Aug 29-30 (tentative)
• Classes Begin	Sep 3
• Course Change	Sep 3-4
• Course Drop	Sep 20-21
• Mid-term Exam	Oct 22-26
• Final Exam	Dec 18-24
• End of the Fall Semester	Dec 24
• Dormitory Moving-out	Dec 25

* The academic schedule for Fall 2018 will be updated during the spring semester.

Korean National Holidays in 2018

Jan 1	Solar New Year's Day	June 6	Memorial Day
Feb 15-17	Lunar New Year's Day	June 13	Regional Election Day
Mar 1	Independence Movement Day	Aug 15	Liberation Day
Apr 12	45 th Anniversary of Foundation of Ajou University	Sept 23-26	Chuseok(Thanksgiving Day)
May 5	Children's Day	Oct 3	National Foundation Day
May 7	Substitute holiday of Children's day	Oct 9	Hangul Proclamation Day
May 22	Buddha's Birthday	Dec 25	Christmas

English Course List for Academic Year (2017)

Consistent with its emphasis on global education, Ajou University offers a variety of courses taught in English. The list of courses is confirmed two months before each semester, and please refer this general guideline of the courses to be offered.

Undergraduate

College of Engineering

Course Name	Credit	Spring	Fall
Industrial Engineering			
Corporate Solution & Practice	3	V	
Data Analysis & Practice	3		V
Engineering Database and Practice	3	V	
Industrial Engineering	3		
IE Programming and Experiment 1/2	3	V	V
Production System Operation & Practice	3		V
Chemical Engineering			
Chemical Engineering Thermodynamics 1	3		V
Material and Energy Balance 1	3	V	
Modeling and Simulation in Chemical Engineering	3		V
Process Engineering in Microelectronics Fabrication	3	V	
Reaction Engineering 1	3	V	
Reaction Engineering 2	3		V
Transport Phenomena	3	V	
Environmental and Safety Engineering			
Computational Statistics	3	V	
Civil System Engineering			
Applied Mechanics	3	V	
Bridge Engineering	3		V
Creative Engineering Design	3		V
Transportation System Engineering			
Travel Demand Forecasting	3	V	
Transportation Systems Analysis and Planning	3		V

※ 3 credits = 45-hour workload for 16 weeks

College of Information Technology

Course Name	Credit	Spring	Fall
Electrical and Computer Engineering			
Circuit Theory	3	V	V
Probability and Random Variables	3		V
Visuotechnical Communication for Engineers	3		V
Software and Computer Engineering			
Algorithm	3	V	
Artificial Intelligence	3		V
Database	3	V	
Data Structures and Practice	4		V
Distributed System Design	4		V
Domain Analysis and Software Design	3		V
Object-oriented Programming	4	V	V
Software Engineering	3	V	V

English Course List for Academic Year (2017)

Undergraduate

College of Humanities

Course Name	Credit	Spring	Fall
English Language and Literature			
American Culture and Story	3	V	
Digital Media and Translation	3	V	
English Communication for English Majors	3	V	V
English Composition 1	3	V	V
English Composition 2	3	V	V
English Conversation 1	3	V	
English Conversation 2	3	V	V
English Conversation1	3		V
English Grammar	3	V	
English Rhetoric and Essay Writings for EFL Teachers	3	V	
English Semantics	3	V	
History of American Literature	3		V
History of American Literature(Capstone Design)	3	V	
History of Classic English Literature	3	V	
History of Modern English Literature	3		V
Introduction to British and American Literature	3	V	V
Introduction to English Linguistics 1	3	V	V
Introduction to Translation	3	V	
Public Speaking	3		V
Storytelling in the United States and the United Kingdom	3	V	
Understanding British and American Culture	3	V	
Writing Practical English	3	V	V
History			
European Contemporary History	3		V

College of Natural Sciences

Course Name	Credit	Spring	Fall
Mathematics			
Linear Algebra 1	4	V	
Linear Algebra 2	4		V

College of Social Sciences

Course Name	Credit	Spring	Fall
Economics			
Macroeconomics	3		V
Principles of Economics 1	3	V	
Principle of Economics2	3		V

Division of International Studies

Course Name	Credit	Spring	Fall
International Commerce			
Business English	3	V	V
Reading on Current English	3		V

English Course List for Academic Year (2017)

Undergraduate

University College (General Education Dept.)

Course Name	Credit	Spring	Fall
Korean Language			
Korean Language 1	3	V	V
Korean Language 2	3	V	V
Korean Language 3	3	V	V
Korean Language 4	3	V	V
Advanced Korean Reading	3	V	V
Advanced Korean Speaking	3	V	V
Elective Courses			
Business Statistics and Data Analysis	3	V	V
Contemporary Korea and Korean Law	3	V	
Crimes in Modern Society	3	V	V
Current Issues in Korean Society	3	V	V
Practical English Conversation1	3	V	
The World of Music	3	V	V
Sports			
Aerobic & Jazz Dance (K)	1	V	V
Golf (K)	1	V	V
Swimming (K)	1	V	V
Taekwondo (K)	1	V	V
Tennis1 (K)	1	V	V
Tennis2 (K)	1	V	V

*Students can take a maximum of 19 credits (usually 6 courses for undergraduate) during the regular semester.
3 credits course consists of 45-hour workload.

English Course List for Academic Year (2017)

In case students are graduate(master) at their home university, they can take up to 6 credits of graduate(master) courses at Ajou, but should go through prior approval of each professor.

Since at Ajou University, exchange students are enrolled as undergraduate regardless of students' level of student at their home university, students should check with their home university if undergraduate credits at Ajou can be transferred or not in case graduate(master) students take undergraduate courses at Ajou.

Graduate

School of Business

Course Name	Credit	Spring	Fall
Business Administration			
Seminar in Auditing	3	V	
Business Administration			
Strategic Management I	3	V	
Seminar in Global Management	3		V
Seminar in Strategic Management	3		V
Financial Engineering			
Financial Econometrics1	3		V
Macroeconomics	3	V	
Probability Theory	3	V	
Stochastic Calculus	3		V
Global Management			
Advanced Business Statistics	3		V
Management Information System			
Business Statistics	3	V	
Electronic Commerce	3		V
MIS Research Methodology	3	V	V
Systems planning & Analysis	3	V	
Marketing			
Consumer Behavior	3	V	
OB/HRM			
Organization Theory	3	V	
Organizational Culture	3	V	

English Course List for Academic Year (2017)

Graduate

College of Engineering

Course Name	Credit	Spring	Fall
Mechanical Engineering			
Microfluidics	3		V
Industrial Engineering			
Advanced Production Planning and Control	3		V
Interface Engineering	3	V	
Molecular Science and Technology			
Advanced Polymer Science	3		V
Molecular Structure of Biological Materials	3		V

College of Information Technology

Course Name	Credit	Spring	Fall
Electrical Engineering			
Advanced Digital Communications	3	V	
Advanced Wireless Communication systems	3		V
Software and Computer Engineering			
Advanced Algorithm	3		V
Advanced Artificial Intelligence	3	V	
Advanced Database	3	V	
Advanced Data Mining	3		V
Advanced Software Engineering	3		V
Cloud Computing	3		V
Distributed and Parallel Programming	3	V	
Internet on Things	3		V
Mobile Communications and Networks	3	V	
Software Requirements Engineering	3	V	
Topics in Database	3		V

College of Natural Sciences

Course Name	Credit	Spring	Fall
Mathematics			
Applied Statistics	3	V	
Algebraic Topology I	3		V
Analysis II	3		V
Combinatorics with applications	3	V	
Graph theory with applications	3		V
Topics in Geometry I	3	V	
Theory of Statistics	3		V
Biological Science			
Circadian Rhythm in Plants	3	V	
Experimental Molecular and Cellular Biology	3	V	
Seminar I	1	V	
Seminar II	1		V
Applied Physics			
Energy materials and devices	3		V
Quantum Mechanics in Energy Science	3		V

Energy Systems Research

Course Name	Credit	Spring	Fall
Energy			
Energy Economics	3		V
Seminar in Energy Studies I	1		V
Seminar in Energy Studies II	1		V
Energy Materials Science & Engineering			
Energy Storage Technology	3		V
Energy Systems			
Design & Optimization of Energy Systems	3		V
Electric Power System Engineering	3	V	
Electromagnetism in Energy Science	3	V	
Energy Engineering	3	V	
Energy Process Engineering and Management	3	V	
Introduction to Nanoelectronic Devices	3	V	
Mathematical Methods for Energy Problems	3	V	
Seminar in Energy Studies I	3	V	
Special Topics in Energy I	3	V	
Surface Chemistry	3	V	
New & Renewable Energy Engineering	3		V



**Ajou
Exchange Program**

2018-2019



AJOU UNIVERSITY

Office of International Affairs

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