

Changes in the Academic Handbook (April-entry student courses)

The following changes will be made in PEAK Academic Handbook September 2019 from those issued in 2015, 2016, 2017, and 2018. In the table of "Integrated Course Outlines (for April-entry Students)" ("PEAK Academic Handbook (Appendix 6 on page 80 to page 102 (September 2015) or on page 80 to page 103 (September 2016/2017/2018)"), four courses will be newly offered, some courses will change the target year, semester/term or credits from AY 2019 on. And, two courses will not be offered from AY 2019 onwards. For details, check the table below. (Changes are colored in red.)

Change/ New/ Cancellation	Group	Major Course Category	Course Title	Course Outlines	Semester/ Term	Credits
Change	C	Interdisciplinary Social Science	Interdisciplinary Social Science	Presenting some of the results of interdisciplinary research into contemporary society, the basics of cross cutting and comprehensive social science are lectured upon. – [Canceled for AY 2017]–	S/A	2
Change	C	Educational Sciences	Introductory Lectures on Educational Practices and Policies	This course will overview a variety of matters pertaining to education in school management, classroom practice, educational administration, social education, libraries, and other workplaces, and will consider the essence of education. (Designated for 1st year students, two class periods per week for two credits)	A2-A	2
Change	C	Educational Sciences	Introduction to Higher Education	This course will equip students with fundamental ideas related to the university, an institution most familiar to them. Deepening their understanding of the university will provide students with opportunities to consider the nature of universities and what the students learn during their university life. (Designated for 1st year students)	A1	1
Change	D	Global Environment Studies	Global Environment Studies	An outline is provided of international environmental problems such as global warming, and policy responses aimed at the future from an array of socioeconomic perspective are considered.	S [Cancelled from AY 2020]	2
Change	D	Science of Psychological and Physical Development	Introduction to Clinical Psychology	Based on Bio-Psycho-Social model, this course aims to help students learn clinical psychology by equipping themselves with a wide range of knowledge and skills for the practice and research. The learning serves as a basis for a licensed psychologist that has been designated as a national qualification	S [Cancelled from AY 2020]	2
Change	E	Material Sciences	Basics in Organic Chemistry	Dealing mainly with organic chemistry, the mechanisms of basic chemical reactions are discussed. (For 2nd year students. Class designated for Natural Sciences students)	S	2
New	E	Material Sciences	Basic Chemistry	Based on Chemistry taught at high schools, chemical principles underlining familiar phenomena and technologies related to Chemistry are explained in an easy manner. The lectures will cover introductory topics that help students to take classes for Foundation Courses or Integrated Courses dealing with specific disciplines. (For 1st year students. Class designated for Natural Sciences students)	S	2

Change/ New/ Cancellation	Group	Major Course Category	Course Title	Course Outlines	Semester/ Term	Credits
Change	E	Life Science	Zoological Science	Lectures are given on the characteristic life phenomena of animals, such as nerves, muscles, endocrine system and immunity. (Registrable for 1st year students in A2A Semester, and for 2nd year students in S4S Semester.)	A2/S4 S/A	4 2
Change	E	Life Science	Plant Science	Lectures are given on the characteristic life phenomena of plants, such as photosynthesis, nitrogen metabolism and phytohormones. (Registrable for 1st year students in A2A Semester, and for 2nd year students in S4S Semester.)	A2/S4 S/A	4 2
New	E	Advanced Sciences	Advanced Science I α	Advanced and leading-edge topics in the fields of Nanoscience, Quantum Physics, Quantum Information, Molecular Science, Synthetic Chemistry, etc. are intended for students who are highly motivated in learning material sciences (approx. 20 seats). The classes that include practical seminars to solve problems are conducted in an interactive manner.	S·A	2
New	E	Advanced Sciences	Advanced Science II α	Advanced and leading-edge topics in the fields of Biochemistry, Molecular Cell Biology, Genetics, Embryology, Evolutionary Biology, etc. are intended for students who are highly motivated in learning life sciences (approx. 20 seats). The classes that include practical seminars to solve problems are conducted in an interactive manner.	S·A	2
New	E	Advanced Sciences	Advanced Science III α	Advanced and leading-edge topics in the fields of Soft Matter, Non-equilibrium Phenomenology, System Biology, Space and Earth System, etc. are intended for students who are highly motivated in learning multidisciplinary sciences (approx. 20 seats). The classes that include practical seminars to solve problems are conducted in an interactive manner.	S·A	2
Change	F	Mathematical Sciences	Advanced Calculus	This course is for students to continue the study of differential and integral calculus of several variables. (For 2nd-year students. Class designated for Natural Sciences students)	S	2