

IPSE UG Students Enrolled in Fall 2014 through 2017
Summary Table of Changes in IPSE Group C Courses Offered by
Dept. of Intermedia Art Science, School of Fundamental Sci. & Eng.

For Fall 2020 course registration periods

* You need to earn credits of Group C courses provided as "required", "elective required" or "elective" for your enrollment year. Please refer to column [A] here below **according to your enrollemnt year**. Also check the relevant pages of your enrollment year's Handbook.

[A] Curriculum for Students Enrolled in Fall 2014/ 2015/2017	Number of credits	Number of class hours per week (* a 90-minute long class (per week) is shown as 2 (hours) in the table below)								Current Course Availability by Your Enrollment Year	Note
		First year		Second year		Third year		Fourth year		O: available X: not available *: conditionally available (see Note section)	
		Fall sem.	Spring sem.	Fall sem.	Spring sem.	Fall sem.	Spring sem.	Fall sem.	Spring sem.	For students enrolled in Fall 2014/ 2015/ 2016/2017	
Research Project B	4						2			O (required)	
Research Project C	4							2		O (required)	* Not available for 2017
Fundamentals of Programming	2				4 first half					O (elective required)	CHANGED TO spring semester of 2nd year.
Algorithms and Data Structures	2				2					O (elective required)	
Computer Systems	2				2					O (elective required)	
Signal Processing	2					2				O (elective required)	
Research Project A	2					2				O (elective required)	
Acoustic Systems	2					2				O (elective required)	
Multimedia Systems	2					2	2			O (elective required)	CHANGED TO fall semester of 3rd year from 2020.
Human-Computer Interaction	2						2 intensive			O (elective required)	
Image Processing	2								2	O (elective required)	* Not available for 2017
Research Project D	2								2	O (elective required)	* Not available for 2017
Circuit Theory A >Circuit Theory A	2 1			2 first-half						O (elective)	* this course is divided into Circuit Theory A and Circuit Theory B from 2019.
Circuit Theory A >Circuit Theory B	2 1			2 second-half						O (elective)	
Information Design: Methods and Applications	2			2						O (elective)	
Fundamentals of Robotics A	2			2						O (elective)	
Electrodynamics	2						2			O (elective)	* originally allocated to spring semester of 2nd year, but from spring 2017, CHANGED TO spring semester of 3rd year. * course cancelled from Spring 2018

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Curriculum for Students Enrolled in Fall 2014/ 2015/2017		First year		Second year		Third year		Fourth year		O: available X: not available *: conditionally available (see Note section)	
		Fall sem.	Spring sem.	Fall sem.	Spring sem.	Fall sem.	Spring sem.	Fall sem.	Spring sem.	For students enrolled in Fall 2014/ 2015/ 2016/2017	
Fundamentals of Visual Expression and Design	2				2					O (elective)	
Fundamentals of Robotics B	2				2					O (elective)	
Electronic Circuits	2					2				O (elective)	* course cancelled from 2020.
Communication Systems	2					2				O (elective)	* Not available for 2018 * course cancelled from 2019.
Software Engineering	2					2				O (elective)	
Information Telecommunication Systems	2					2				O (elective)	* course cancelled from Fall 2015.
Introduction to Computer Graphics and Image Processing > Image Engineering Fundamentals	2								2	O (elective)	* originally allocated to fall semester of 3rd year, but from spring 2016, CHANGED TO spring semester of 3rd year. * course name changed from spring 2017.
Information Theory	2								2 (intensive)	O (elective)	* this course allocated the first-half spring semester of the 3rd year. * intensive course. * course changed to spring semester of 3rd year.
Wireless Communication	2								2	O (elective)	
Mobile Communications	2								2	O (elective)	* course cancelled from 2020.
Information Security Basics	2								2	O (elective)	* course cancelled from 2019.
Operating Systems	2								2	O (elective)	
Virtual Reality and Communication	2								2	O (elective)	* originally allocated to spring semester of 3rd year, but from spring 2017, CHANGED TO fall semester of 3rd year. * Not available for 2018 * Not available for 2019 * Not available for 2020
Recording Technology	2								2	O (elective)	
Network Engineering	2								2	O (elective)	
Perceptual Computing	2								2	O (elective)	* course cancelled from 2020.
Digital System Design	2								4 second-half	O (elective)	* this course allocated the second-half fall semester of the 4th year.
Advanced Intelligent Software	2								2	O (elective)	
Advanced Image Information	2								2	O (elective)	* Not available for 2017
Information Integration of Symbols and Patterns	2								2	O (elective)	* Not available for 2017 * Course cancelled.
Computer Vision and Pattern Analysis	2								2	O (elective)	* Not available for 2017