

IPSE UG Students Enrolled in Fall 2010 through 2017

Summary Table of Changes in IPSE Group C Courses Offered by

Dept. of Computer Science & Engineering,

School of Fundamental Sci. & Eng.

For Spring 2017 course registration periods

1. Tables herein after show you history of changes in IPSE courses  
in comparison to the course lists shown on your enrollment year's Handbook.
2. Based on the course tables (Group A1) on your enrollmen year's Handbook, the Tables  
herein after include.
3. Courses newly available, cancelled, with course names modified, with allocation  
semester/year changed, and so forth in comparison to the course lists  
shown in your enrollement year's Handbook are shown.
4. Some PDF is divided into several sheets. Scroll down till the end when you see these  
PDF.

\* 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], [B], [C] or [D] here below according to your enrollemnt year. Also check the relevant pages of your enrollment year's Handbook.

[A]	[B]	[C]	[D]	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
Curriculum for Students Enrolled in Fall 2010/ 2011	Curriculum for Students Enrolled in Fall 2012	Curriculum for Students Enrolled in Fall 2013	Curriculum for Students Enrolled in Fall 2014/ 2015/ 2016		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 2010/ 2011	For students enrolled in Fall 2012	For students enrolled in Fall 2013	For students enrolled in Fall 2014/ 2015/ 2016	
Research Project B	Research Project B	Research Project B	Research Project B	4						2			O (required)	O (required)	O (required)	O (required)	
Research Project C	Research Project C	Research Project C	Research Project C	4							2		O (required)	O (required)	O (required)	O (required)	
Introduction to Computer Science	-	-	-	2	2								*	X	X	X	<del>* originally allocated to fall semester of 1st year, but from spring 2013, CHANGED TO spring semester of 1st year.</del> <del>* Another class available from fall 2014; allocated to 1st year.</del> * For students enrolled in Fall 2012, Fall 2013, Fall 2014 & Fall 2015, this course replaced "Introduction to Computer Science (spring, 1st year)" classified as a Group B Required course from fall 2012. * For fall semester 2015, there is only one class available.
Modeling	-	-	-	2		2							X	X	X	X	* course cancelled from spring 2014
Circuit Theory A	Circuit Theory A	Circuit Theory A	Circuit Theory A	2			2						O (elective required)	O (elective required)	O (elective required)	O (elective required)	
Logic Circuits	Logic Circuits	Logic Circuits	Logic Circuits	2			2						O (elective required)	O (elective required)	O (elective required)	O (elective required)	
Fundamentals of Programming	Fundamentals of Programming	Fundamentals of Programming	Fundamentals of Programming	2			2						O (elective required)	O (elective required)	O (elective required)	O (elective required)	

[illegible]

[A]	[B]	[C]	[D]	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
Curriculum for Students Enrolled in Fall 2010/ 2011	Curriculum for Students Enrolled in Fall 2012	Curriculum for Students Enrolled in Fall 2013	Curriculum for Students Enrolled in Fall 2014/ 2015/ 2016		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 2010/ 2011	For students enrolled in Fall 2012	For students enrolled in Fall 2013	For students enrolled in Fall 2014/ 2015/ 2016	
Electrodynamics	Electrodynamics	Electrodynamics	Electrodynamics	2				2		2			O (elective)	O (elective)	O (elective)	O (elective)	* originally allocated to spring semester of 2nd year, but from spring 2017, CHANGED TO spring semester of 3rd year.
Electronic Circuits	Electronic Circuits	Electronic Circuits	Electronic Circuits	2					2				O (elective)	O (elective)	O (elective)	O (elective)	
Communication Systems	Communication Systems	Communication Systems	Communication Systems	2					2				O (elective)	O (elective)	O (elective)	O (elective)	
Software Engineering	Software Engineering	Software Engineering	Software Engineering	2					2				O (elective)	O (elective)	O (elective)	O (elective)	
Teletraffic Theory	Teletraffic Theory	Teletraffic Theory	Teletraffic Theory	2					2				O (elective)	O (elective)	O (elective)	O (elective)	
Info-Telecommunication and the Standardization	Info-Telecommunication and the Standardization	Info-Telecommunication and the Standardization	Info-Telecommunication and the Standardization	2					2				O (elective)	O (elective)	O (elective)	O (elective)	
-	-	Information Telecommunication Systems	Information Telecommunication Systems	2					4				X	X	X	X	* course cancelled from fall 2015.
Information Theory	Information Theory	Information Theory	Information Theory	2						4 -2 first-half			O (elective)	O (elective)	O (elective)	O (elective)	* number of class hours per week changed from spring 2014. * this course allocated the first-half spring semester of the 3rd year.
Transmission Theory	Transmission Theory	Transmission Theory	Transmission Theory	2						2			O (elective)	O (elective)	O (elective)	O (elective)	
Wireless Communication	Wireless Communication	Wireless Communication	Wireless Communication	2						2			O (elective)	O (elective)	O (elective)	O (elective)	
Multimedia Systems	Multimedia Systems	Multimedia Systems	Multimedia Systems	2						2			O (elective)	O (elective)	O (elective)	O (elective)	
Mobile Communications	Mobile Communications	Mobile Communications	Mobile Communications	2						2			O (elective)	O (elective)	O (elective)	O (elective)	
-	-	Computer Graphics and Image Processing > Image Engineering Fundamentals	Computer Graphics and Image Processing > Image Engineering Fundamentals	2					2	2			O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2016; allocated to 3rd year * originally allocated to fall semester of 3rd year, but from spring 2016, CHANGED TO spring semester of 3rd year. * Not available for spring 2016 * course name changed from spring 2017.

[A]	[B]	[C]	[D]	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
Curriculum for Students Enrolled in Fall 2010/ 2011	Curriculum for Students Enrolled in Fall 2012	Curriculum for Students Enrolled in Fall 2013	Curriculum for Students Enrolled in Fall 2014/ 2015/ 2016		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 2010/ 2011	For students enrolled in Fall 2012	For students enrolled in Fall 2013	For students enrolled in Fall 2014/ 2015/ 2016	
Network Engineering	Network Engineering	Network Engineering	Network Engineering	2							2		O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from fall 2016; allocated to 4th year
-	-	Perceptual Computing	Perceptual Computing	2							2		O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from fall 2016; allocated to 4th year
-	-	Wireless Communications Network	Wireless Communications Network	2							2		O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from fall 2016; allocated to 4th year
-	-	Digital Imaging	Digital Imaging	2							2		O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from fall 2016; allocated to 4th year
-	-	<del>Theory of Computer Software</del>	-								2		X	X	X	X	* course cancelled from fall 2014.
-	-	Information Retrieval	Information Retrieval	2							2		O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from fall 2016; allocated to 4th year
-	-	Digital System Design	Digital System Design	2							2 second-half		O (elective)	O (elective)	O (elective)	O (elective)	* this course allocated the second-half fall semester of the 4th year. * new course is available from fall 2016; allocated to 4th year
-	-	Advanced Intelligent Software	Advanced Intelligent Software	2							2		O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from fall 2016; allocated to 4th year
-	-	<del>Sound and Perception</del>	-								2		X	X	X	X	* course cancelled from fall 2014.
-	-	Analysis of Networked Systems	Analysis of Networked Systems	2							2		O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from fall 2016; allocated to 4th year
-	-	-	Cloud Systems	2							2		O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from fall 2016; allocated to 4th year
-	-	-	Advanced Wireless Access	2							2		O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from fall 2016; allocated to 4th year
-	-	-	Algorithms in Computational Biology	2							2		O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from fall 2016; allocated to 4th year

[A]	[B]	[C]	[D]	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
Curriculum for Students Enrolled in Fall 2010/ 2011	Curriculum for Students Enrolled in Fall 2012	Curriculum for Students Enrolled in Fall 2013	Curriculum for Students Enrolled in Fall 2014/ 2015/ 2016		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 2010/ 2011	For students enrolled in Fall 2012	For students enrolled in Fall 2013	For students enrolled in Fall 2014/ 2015/ 2016	
Image Processing	Image Processing	Image Processing	Image Processing	2								2	O (elective)	O (elective)	O (elective)	O (elective)	
-	-	Advanced Image Information	Advanced Image Information	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2016; allocated to 4th year
-	-	Advanced Information Networks	Advanced Information Networks	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* course cancelled from spring 2017.
-	-	Reliable Software	Reliable Software	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2016; allocated to 4th year
-	-	Information Integration of Symbols and Patterns	Information Integration of Symbols and Patterns	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* course cancelled from spring 2017.
-	-	Distributed Embedded and Real-Time Processing	Distributed Embedded and Real-Time Processing	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2016; allocated to 4th year * originally allocated to spring semester of 4th year, but from spring 2017, CHANGED TO fall semester of 4th year.
-	-	-	Business and Global Standardization									2	O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2016; allocated to 4th year
-	-	Advanced Computer	Advanced Computer	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2016; allocated to 4th year
-	-	Advanced Processor	Advanced Processor	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2016; allocated to 4th year
-	-	Wireless Signal Processing	Wireless Signal Processing	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2016; allocated to 4th year
-	-	Software Quality Assurance	Software Quality Assurance	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2016; allocated to 4th year
-	-	Computer Vision and Pattern Analysis	Computer Vision and Pattern Analysis	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2016; allocated to 4th year
-	-	Foundation for Information Access Evaluation	Foundation for Information Access Evaluation	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2016; allocated to 4th year
-	-	-	Pattern Recognition and Machine Learning	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2016; allocated to 4th year
-	-	-	Data Mining	2								2	O (elective)	O (elective)	O (elective)	O (elective)	* new course is available from spring 2017; allocated to 4th year