

IPSE UG Students Enrolled in Fall 2010 through 2017

Summary Table of Changes in IPSE Group C Courses

Dept. of Mathematics, Dept. of Applied Mathematics, School of Fundamental Sci.

For FALL 2017 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], or [B] here below according to your enrollemnt year. Also check the relevant pages of your enrollment year's Handbook.

[A]	[B]	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/ 2013/ 2014/ 2015/ 2016/2017		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 2010/ 2011	For students enrolled in Fall 2012/ 2013/ 2014/ 2015/ 2016	
Research Project B	Research Project B	4						2			O (required)	O (required)	
Research Project C	Research Project C	4							2		O (required)	O (required)	
Introduction to Computer Science	-	2	2								*	X	* originally allocated to fall semester of 1st year, but from spring 2013, CHANGED TO spring semester of 1st year. * Another class available from fall 2014; allocated to 1st year. * For fall semester 2015, there is only one class available. * For students enrolled in Fall 2012, Fall 2013, Fall 2014, Fall 2015 & Fall 2016, this course replaced "Introduction to Computer Science (spring, 1st year)" classified as a Group B Required course from fall 2012.
Modeling	-	2		2							X	X	* course cancelled from spring 2014
Set and Measure Theory > Foundations of Analysis	Set and Measure Theory > Foundations of Analysis	2			2						O (elective required)	O (elective required)	* course name changed from fall 2013. * Those who have already eanred the credit of Set and Measure Theory cannot take Foundations of Analysis.
Foundations of Algebra	Foundations of Algebra	2			2						O (elective required)	O (elective required)	
Foundations of Geometry	Foundations of Geometry	2				2					O (elective required)	O (elective required)	
Numerical Analysis	Numerical Analysis	2				2					O (elective required)	O (elective required)	
-	Exercise for Fundamental Mathematics	4				4					O (elective required)	O (elective required)	* new course available from spring 2014; allocated to 2rd year.
Advanced Geometry	Advanced Geometry	2					2				O (elective required)	O (elective required)	
Advanced Analysis	Advanced Analysis	2					2	2			O (elective required)	O (elective required)	* originally allocated to fall semester of 3rd year, but from spring 2017, CHANGED TO spring semester of 3rd year.
Probability and Statistics	Probability and Statistics	2					2				O (elective required)	O (elective required)	
Research Project A	Research Project A	2					2				O (elective required)	O (elective required)	

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			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/ 2013/ 2014/ 2015/ 2016	
Advanced Algebra	Advanced Algebra	2					2	2			O (elective required)	O (elective required)	* originally allocated to fall semester of 3rd year, but from spring 2015, CHANGED TO spring semester of 3rd year.
Mathematics of Simulation	Mathematics of Simulation	2					2	2			O (elective required)	O (elective required)	* originally allocated to fall semester of 3rd year, but from spring 2014, CHANGED TO spring semester of 3rd year. * originally allocated to sprig semester of 3rd year, but from spring 2017, CHANGED TO fall semester of 3rd year.
Applied Algebra	Applied Algebra	2						2			O (elective required)	O (elective required)	* not available for spring 2017.
Applied Geometry	Applied Geometry	2						2			O (elective required)	O (elective required)	
Applied Analysis	Applied Analysis	2						2			O (elective required)	O (elective required)	* not available for spring 2017.
Number Theory	Number Theory	2						2			O (elective required)	O (elective required)	* Not available * available in spring 2015; allocated to 3rd year. * not available for spring 2016. * available for spring 2017.
Functional Analysis	Functional Analysis	2					2	2			O (elective required)	O (elective required)	* not available for spring 2016. * available for spring 2017. * originally allocated to sprig semester of 3rd year, but from spring 2017, CHANGED TO fall semester of 3rd year.
Stochastic Processes	Stochastic Processes	2						2			O (elective required)	O (elective required)	* not available for spring 2016. * course cancelled from spring 2017
Research Project D	Research Project D	2								2	O (elective required)	O (elective required)	