

ICTS Course Structure (2019)

	Int.Ph.D.	Int.Ph.D.	Ph.D.
Minimum number of credits	100 credits	80 credits	60 credits
Compulsory requirements (number of credits shown in parenthesis)	4 core (16); 1 lab (8); 3 projects (24); 6 elective courses of which 4 must be classroom courses (24): total 72 credits	4 core (16); 1 lab (8); 2 projects (16); 3 elective courses of which 2 must be classroom courses (12): total 52 credits	4 core (16); 2 projects (16); 3 elective courses of which 2 must be classroom courses (12): total 44 credits
Number of credits as per students' choice: [#] any combination of classroom or reading courses or projects	28 credits	28 credits	16 credits
Suggested timeline for choosing advisor (after two projects)	end of Semester III	end of Semester III	end of Summer I
TIFR PhD registration deadline	End of 3rd year	End of 3rd year	End of 2nd year
Compulsory courses shown in bold font and suggested courses are shown in grey font below.			
Compulsory courses not completed in the semester shown below need to be completed before registration.			
It is the students' responsibility to complete registration requirements (see http://www.tifr.res.in/~sbp/new2015/registration.htm)			
Semester I (Aug-Nov)	Classical mechanics (4)	Classical mechanics (4)	Classical mechanics (4)
	Advanced Quantum mechanics (4)	Advanced Quantum mechanics (4)	Advanced Quantum mechanics (4)
	Lab (8)	Lab (8)	2 electives [#] (8)
Semester II (Jan-Apr)	Statistical mechanics (4)	Statistical mechanics (4)	Statistical mechanics (4)
	Electrodynamics (4)	Electrodynamics (4)	Electrodynamics (4)
	2 electives [#] (8)	2 electives [#] (8)	Research project (8)
Summer I (May-Jul)	Research project (8)	Research project (8)	Research project (8)
Semester III (Aug-Nov)	Research project (8)	Research project (8)	3 electives [#] (12)
	2 electives [#] (8)	2 electives [#] (8)	
Semester IV (Jan-Apr)	Research project (8)	2 electives [#] (8)	2 electives [#] (8)
	2 electives [#] (8)		
Summer II (May-Jul)			Ph.D. Registration deadline
Semester V (Aug-Nov)	4 electives [#] (16)	2 electives [#] (8)	
Semester VI (Jan-Apr)	3 electives [#] (12)	2 electives [#] (8)	
Summer III (May-Jul)	Ph.D. Registration deadline	Ph.D. Registration	