

# Doctor of Philosophy (PhD) in Information Technology

## YEAR ONE

Course Code	PhD: <b>First</b> Semester Courses Year 1	Credit
ITECH 901	Computer Fundamentals & Applications	2
ITECH 902	Applied Mathematics	3
ITECH 903	Electronics and Communication Technology	3
ITECH 904	C++ Programming	2
ITECH 905	Web Technology	2
ITECH 906	Microprocessor and Microcontroller	3
<b>TOTAL CREDITS</b>		<b>15</b>
Course Code	PhD: <b>Second</b> Semester Courses Year 1	Credit
ITECH 911	Database Management System	2
ITECH 912	Data Communication and Network Standards	3
ITECH 913	Software Engineering	3
ITECH 914	System Development Technique	2
ITECH 915	Java and Data Structures	2
ITECH 916	Year One: Independent Research I	3
<b>TOTAL CREDITS</b>		<b>15</b>

## YEAR TWO

Course Code	PhD: <b>First</b> Semester Courses Year 2	Credit
ITECH 921	Quantitative Techniques	2
ITECH 922	Wireless Network Technologies	3
ITECH 923	Internet Security	3
ITECH 924	Visual Basic 6.0	2
ITECH 925	Advanced SQL	2
ITECH 926	Management Information System	3
<b>TOTAL CREDITS</b>		<b>15</b>
Course Code	PhD: <b>Second</b> Semester Courses Year 2	Credit
ITECH 1001	Programming using PHP	2
ITECH 1002	Programming with Objects	3
ITECH 1003	Internet Technologies	3
ITECH 1004	Project Management	2
ITECH 1005	Information Technology Laws	2
ITECH 1004	Year Two: Independent Research II	3
<b>TOTAL CREDITS</b>		<b>15</b>



**IICSE University**  
...a liberal arts education

## YEAR THREE

Course Code	PhD: <b>First</b> Semester Courses Year 3	Credit
ITECH 1011	Object Oriented Analysis and Design	2
ITECH 1012	Internetworking Technologies	3
ITECH 1013	Software Engineering and Management	3
ITECH 1014	Data Warehouse	2
ITECH 1015	Pervasive Computing	2
ITECH 1016	Multimedia Computing	3
<b>TOTAL CREDITS</b>		<b>15</b>
Course Code	PhD: <b>Second</b> Semester Courses Year 3	Credit
ITECH 1021	Software for Embedded Systems	2
ITECH 1022	Network Security	3
ITECH 1023	Embedded System Design	3
ITECH 1024	Data Mining	2
ITECH 1025	Year Three: PhD Research Thesis	5
<b>TOTAL CREDITS</b>		<b>15</b>

Application processing, admissions and registrations for the new Academic Session are currently in progress. Apply for study now, visit: [www.iicseuniversity.org](http://www.iicseuniversity.org)