



Orientation Session Department of CS&SE

International Islamic University Islamabad

- ▶ Founded in 1980
- ▶ Faculties
 - ▶ Basic and Applied Sciences
 - ▶ Arabic
 - ▶ Management Sciences
 - ▶ Social Sciences
 - ▶ Usuluddin
 - ▶ Shariah and Law
 - ▶ Languages and Literature
 - ▶ Engineering and Technology

Faculty of Basic and Applied Sciences

► Established in year 2003

1. Department of Computer Science and Software Engineering
2. Department of Mathematics and Statistics
3. Department of Environmental Sciences
4. Department of Physics
5. Department of Bio informatics and Biotechnology
6. Centre for Interdisciplinary Research in Basic Science

Department of CS & SE

- ▶ Campuses
 - ▶ Male
 - ▶ Female
- ▶ Programs
 - ▶ BS (Computer Science) - 4 years
 - ▶ BS (Software Engineering) - 4 years
 - ▶ BS (Information Technology) – 4 years
 - ▶ MS (Computer Science) - 2 years
 - ▶ MS (Software Engineering) - 2 years
 - ▶ PhD (Computer Science) - 3 years
 - ▶ PhD (Software Engineering) – 3 years

Teaching Faculty of DCS & SE

- 17 Faculty Members
 - 4 Assistant Professors
 - 11 Lecturers
 - 2 Research Associates

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

General Guidelines

Program Office

- Coordinator :
 - Ms Samina Bilal
- Assistant Coordinator :
 - Ms Durriya Sattar
- Staff includes:
 - Ms Bushra Parveen
 - Ms Uzma Shaheen
- Room # 128
- Extension Number 2315

Administrative Guidelines

- ✓ Student Timings
- ✓ Deadlines through notice boards and emails
- ✓ Duplicate copy for all documents
- ✓ No section change policy
- ✓ Signature timings

Administrative Guidelines

- ✓ Unseen situations
- ✓ Timetable adjustments
- ✓ Role of class representative
- ✓ Timetable adjustments
- ✓ Make up class policy
- ✓ Multimedia issuance policy.

Facilities

- Printing and Photocopy
- Library
- Hostel
- Medical Care
- Banking
- Post Office
- Gymnasium
- Cafeteria
- Daycare
- Transport
- Prayer halls
- Internet

Scholarships and Fee Assistance

- ▶ Merit Scholarship
 - ▶ 100% fee waiver to students securing 4.00 CGPA
- ▶ Financial Assistance
 - ▶ For deserving students on need basis
- ▶ Worker Welfare Fund
 - ▶ WWF sponsored students are entertained
- ▶ Pakistan Bait ul Mal
 - ▶ Deserving students are facilitated as per policy

Code of Conduct

- Islamic dress code-you must wear dupatta, t-shirts, tights with open chalk shirts, tight jeans, sleeve less and short shirts are not allowed.
- Eating and drinking is not allowed in the classrooms & labs
- Misbehavior with faculty members, program office or lab staff is absolutely prohibited
- Music is not allowed within the department premises
- Any association with any controversial party is a serious violation.
- Report any security threat to corresponding authority immediately.
- Compliance with all the rules defined by the university is mandatory

Education System

Duration of Degrees Offered by the Department

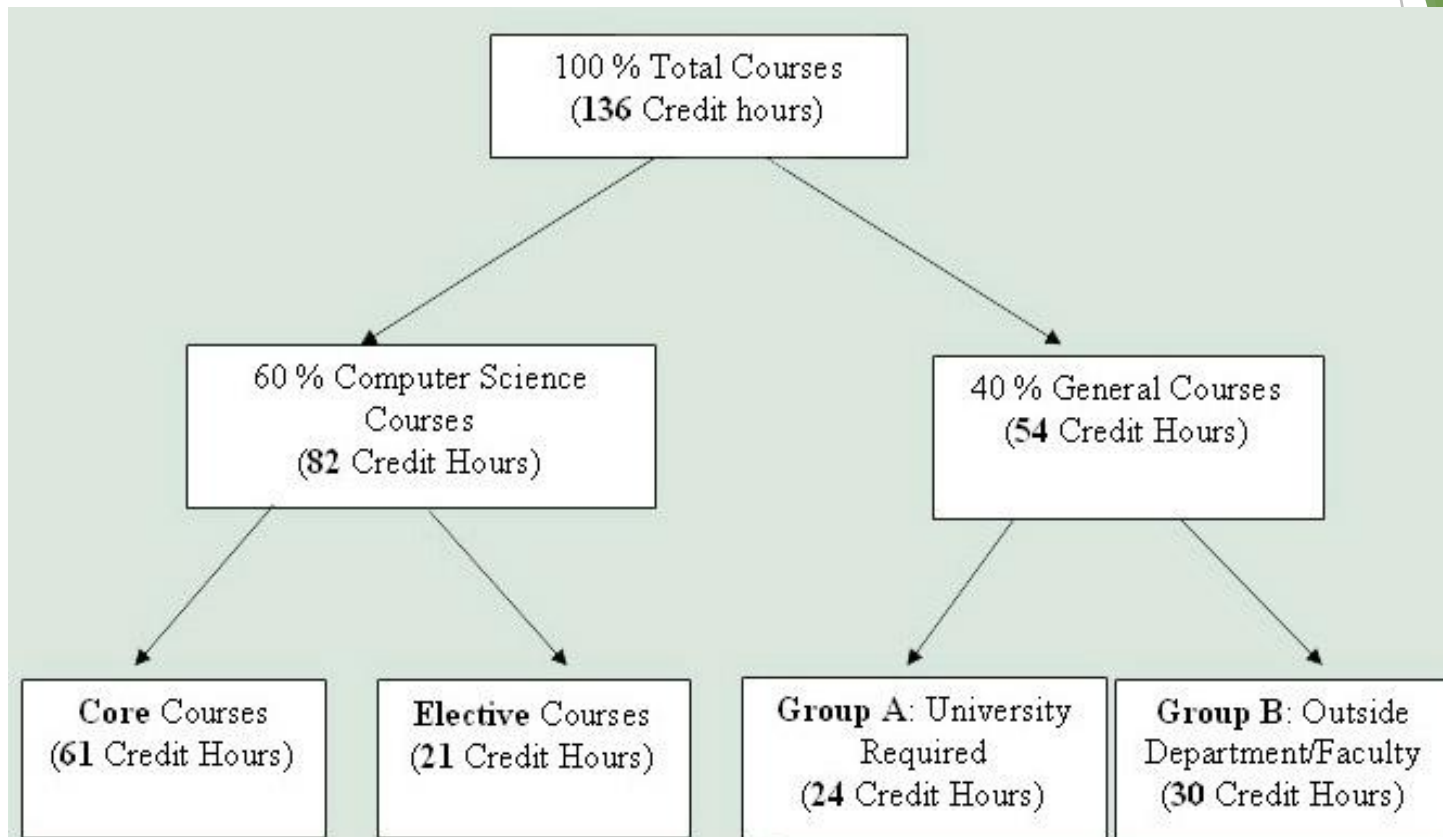
- ▶ BS Program in CS, SE and IT
 - ▶ 4 years - 8 semesters - 136 credit hours
- ▶ MS Program in CS, SE
 - ▶ 2 years - 4 semesters - 33 credit hours
- ▶ PhD Program in CS
 - ▶ 3-5 years - 54 credit hours

Credit Hours

- ▶ Two semester in a year
 - ▶ Fall and Spring
 - ▶ 16 weeks (+1 exams week)
- ▶ A course has credit hours
 - ▶ Introduction to Computing (4 Credit hours)
 - ▶ English I (3 Credit hours)
- ▶ Number of credit hours per week
 - ▶ Lecturing
 - ▶ Labs
- ▶ In one semester
 - ▶ Max course load: 18 credit hours
 - ▶ Min course load: 9 credit hours

BS Scheme of Study

The chart summarizes the distribution of BS curriculum.



BS Courses Offered in Fall 2016

Course	
Code	Title
CS102	Introduction to Computing
CS291	Discrete Structures
GC102	English I
GC191	Basic Electronics
MATH110	Calculus & Analytical Geometry

MS Courses Offered in Fall 2016

MSCS	
Code	Title
CS601	Research Methods of CS
CS512	Theory of Computation
CS522	Advanced Computer Architecture
CS541	Advanced Databases

MS Courses Offered in Fall 2016

MSSE	
Code	Title
CS601	Research methods of SE
SE571	Software System Quality
SE511	Software Requirement Engineering
SE581	Agile Software Development

PhD Courses Offered in Fall 2016

Course	
Code	Title
CS801/SE801	Research Trends in CS/SE
CS802/SE802	Advance Research Methods in CS/SE
CS852	Advances in Intelligent Systems / Elective

Course Syllabus

- ▶ Defined course outline
- ▶ Inline with national and international standards (HEC, IEEE/ACM, SEI, AITPA)
- ▶ Accredited by National Accreditation Education Computing Council (NCAEC)
- ▶ Course detailed syllabus by tutor
- ▶ Books?
 - ▶ Recommended by Tutor

Course Requirements

- ▶ Requirements for taking new courses
 - ▶ You have passed pre-requisite(s)
- ▶ Attendance Requirements
 - ▶ 75% (Strictly)
 - ▶ Falling short of 75% results in prevention and F grade
- ▶ Medium of Instruction
 - ▶ English
 - ▶ Arabic

Students Evaluation

- ▶ Continuous
 - ▶ Quizzes
 - ▶ Assignments
 - ▶ Mid Term Exam
 - ▶ Labs
 - ▶ Class participation
- ▶ Marks Distribution
 - ▶ 60% Terminal
 - ▶ 20% Midterm Exam
 - ▶ 20% Others

Grades and GPA

Marks Obtained	Grade	GPA
80 and above	A	4.0
75 to 79	B+	3.5
70 to 74	B	3.0
65 to 69	C+	2.5
60 to 64	C	2.0
55 to 59	D+	1.5
50 to 54	D	1.0
Less than 50	F	0.0

Cumulative GPA

- ▶ Cumulative Grade Point Average
- ▶ Multiplying the Grade Points earned by a student in each course with the credit hours of that course
 - ▶ Intro to Computing (4 Credit hours)
 - ▶ You have scored 77% => B+ => 3.5
 - ▶ $3.5 \times 4 = 14$
- ▶ Taking the sum of these products and dividing by the total semester credit hours

Ceased Rules (CGPA < 1)

- ▶ 2.0 CGPA required for award of degree
- ▶ Ceased < 1 CGPA
 - ▶ Fresh admission (no readmission) if ceased in 1st semester
 - ▶ Allow readmission if ceased other than 1st semester along with CGPA above 1.0

Probation Rules (CGPA 1-2)

- ▶ 2.0 CGPA required for award of degree
- ▶ First Warning - Put on POP (Put on Probation)
- ▶ Second Warning - Put on PC-1 (Probation Count 1)
- ▶ Third Warning - Put on PC-2 (Probation Count 2)
- ▶ Ceased

Important Dates

Start of Classes/Course Joining	September 1, 2016
Mid Term Examination	November 8 - 11, 2016
End of Classes	January 8 , 2017
Terminal Examination	January 12 – 20, 2017
Semester Break	January 21 – 31, 2017
Spring Semester Start	February 1, 2017

Your Registration Number

- ▶ **Registration #:- 2627-FBAS/BSCS/F16(A)**
 - ▶ **Section A**
 - ▶ **Batch F16**
 - ▶ **Degree Program BSCS**
 - ▶ **Faculty FBAS**
 - ▶ **Registration Id 2627**

Your Sections and Class Advisor

Degree Program	Section	Class Advisor
BSCS	A	Ms Asma Khatoon
	B	Ms Asma Khatoon
BSSE	A	Ms Talat Ambreen
	B	Ms Talat Ambreen
	C	Ms Humaira Ashraf
BSIT		Ms Humaira Ashraf

Time Table

Batch	Days	8:45-10:00	10:15-11:30	11:45-1:00	1:15-2:30	2:45-4:00	4:15-5:30
BSCS-F16A		CS 102-001 -Ms. Sadia		CS 102-lab118 -Ms. Sadia	CS291-222A-Ms. Asma Meh		
BSCS-F16B			CS102-001 Ms. Sadia	CS291-222B-Ms. Sabina	CS 102-lab118 -Ms. Sadia		
BSSE-F16A		CS291-003 Ms. Maria		GC-191-123b- Ms. Umehani m	CS 102-001 Ms. Saima Iqbal		
BSSE-F16B			CS291-003 Ms. Maria				
BSSE-F16C		CS102-Lab118- Ms. Asma B	CS102-Lab118-Ms. Asma B			GC 191-123b-Ms. Noor-ul-ain	
BSIT-F16 A			CS 291-222A-Dr Tehmina		GC 191-318A-Ms.Noor-ul-ain		
BSCS-F15A		GC105 -318A-B Ms.Maria Khalid		Math-352 222A-Ms Sidra Sh	SE101-lab 218-Ms Asma S		
BSCS-F15B		Math352 -318B Ms Sidra Sh	SE203-LT- Ms.Saima Im	GC-105 -002-Ms. Maria Khalid	SE101-lab 218-Ms Asma S		
BSSE-F15A			SE101-lab 218-Ms Asma S	GC 103-001-Ms Sughra-001	GC105-LT-Ms. Hina Ahsan		
BSSE-F15B			SE101-lab 218-Ms Asma S		GC 103-002-Ms Sughra		
BSSE-F15C		SE101-lab 002-Ms shaista	SE101-lab 219-Ms shaista	GC105-LT- Ms. Hina Ahsan			
BSIT-F15 A				GC 103-318B- Ms.Qurat-al-ain-S			
BSCS-F14 A		SE341-lab119- Ms. Farzana			Math-121-003- Ms. Sadia saeed		
BSCS-F14 B				SE341-lab119-Ms. Farzana		Math-121 -001-Ms.Sadia Saeed	
BSSE-F14A	Monday	CCN-123b- Ms. Humaira	SE-311-123B-Ms.Talat		SE 322 318B Ms Maria Kanwal	MATH-121--003-Ms. Fauzia T	
BSSE-F14B			CCN-lab119-Ms. Humaira	SE 322 Lab 218 Ms Maria Kanwal	SE-311-123B-Ms.Talat		
BSSE-F14C			SE321-222B- Ms.Salma I	CCN -003-Ms.Kiran Kiani	SE322 Lab-119 Ms Qurat ul ain A		
BSCS-F13A		SE431-222A-Sir Imran S	CS341-318B-Ms Nosheen T	Dis-Comp -318A-Ms. Saima N			
BSCS-F13B		CS341-222B-Ms Nosheen T	SE431-318A-Ms. Sir Imran S				
BSSE-F13A			DA D -002 Ms.Saima N	GC 107 lab 219 Ms Qudsia F		Math 401 -LT-Ms.Sara Elahi	
BSSE-F13B					GC 107 LT Ms Qudsia F		
BSSE-F13C		GC-152-218-Ms.Tehmina K			Math 401 -222B-Ms. Sara Elahi		
BS-Misc				PF-222B - Ms. Anam N	PF-Lab-219 Ms. Anam Nawaz		
MSCS-F16						RM-002- Dr Almas	RM-002- Dr Almas
MSSE-F16							

Time Table

Batch	Days	8:45-10:00
BSCS-F16A	Monday	CS 102-001 -Ms. Sadia

- **Course Code CS102**
- **Room Number 001**
- **Teacher Name Ms Sadia**

To Have a Smooth Start To Semester

- ▶ Keep a copy of Timetable and this presentation with you
- ▶ Find out your allocated section
- ▶ In case of any confusion or problem, go to help desk located near noticeboard on 1st September for any queries

Working for Success

- ▶ Lectures
 - ▶ Attendance
 - ▶ Punctuality
 - ▶ Study before lecture
 - ▶ Study after lecture
- ▶ Labs
 - ▶ Attendance
 - ▶ Complete and submit work, get feed back

Working for Success

- ▶ If you study daily you will score good marks in Quizzes
- ▶ And if you score good marks in Quizzes you will score good marks in Mid-terms
- ▶ Good marks in Finals

Rules of Thumb

- ▶ Learn from our Holy Prophet Muhammad (SAWS)
- ▶ Read, Read, and Read
- ▶ Keep a close contact with your tutors
- ▶ Manage you time effectively and efficiently
- ▶ Learn from Rabbit and Turtle

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

Good Luck and
Welcome To IIUI