

Southern University Bangladesh

Faculty of Science & Engineering

Department of Computer Science & Engineering

Program-BSCSIT & BSCSE

Course Offer for Regular Batch CSIT-Summer'2016

1st Semester- CSIT'Regular (44 Batch)

Course Code	Course Title	Credit Hours
HUM1101	English Composition & Writing	3
PHY1101	Physics I	3
PHY1102	Physics I Lab	1.5
MATH1101	Differential & Integral calculus	3
CSIT1101	Computer Basics and Programming Concepts	3
CSIT1102	Computer Basics and Programming Concepts Lab	1.5
SEMESTER TOTAL		15

2nd Semester- CSIT'Regular (43 Batch)

Course Code	Course Title	Credit Hours
ME1200	Mechanical Engineering Drawing	0.75
CHEM1201	Chemistry	3
CHEM1202	Chemistry Lab	1.5
MATH1201	Differential Equations & Matrices	3
CSIT1201	Discrete Mathematics	3
CSIT1203	Structured Programming Language	3
CSIT1204	Structured Programming Language Lab	1.5
SEMESTER TOTAL		15.75

3rd Semester- CSIT'Regular (42 Batch)

Course Code	Course Title	Credit Hours
PHY1301	Physics II	2
HUM1301	Bangladesh Studies	3
EEE1203	Electrical Engineering Fundamentals	3
EEE1204	Electrical Engineering Fundamentals Lab	1.5
SEMESTER TOTAL		9.5

4th Semester- CSIT'Regular (41 Batch)

Course Code	Course Title	Credit Hours
MATH2101	Vectror Analysis, Complex Variables & Linear Algebra	3
CSIT2101	Object Oriented Programming	3
CSIT2102	Object Oriented Programming Lab	1.5
CSIT2103	Numerical Methods	3
CSIT2104	Numerical Methods Lab	0.75
CSIT2105	Data Structures	3
CSIT2106	Data Structures Lab	1.5
SEMESTER TOTAL		15.75

5th Semester- CSIT'Regular (40 Batch)

Course Code	Course Title	Credit Hours
HUM2201	Introduction to Accounting	3
CSIT2201	Database Management System	3
CSIT2202	Database Management System Lab	1.5
CSIT2203	System Analysis and Design	3
CSIT2204	System Analysis and Design Lab	0.75
CSIT1301	Electronic Devices and Circuits	3
CSIT1302	Electronic Devices and Circuits Lab	1.5
SEMESTER TOTAL		15.75

6th Semester- CSIT'Regular (39 Batch)

Course Code	Course Title	Credit Hours
HUM2301	Industrial Management & Laws	3
CSIT2301	Digital Logic Design	3
CSIT2302	Digital Logic Design Lab	1.5
CSIT2303	Algorithm Design and Analysis	3
CSIT2304	Algorithm Design and Analysis Lab	1.5
SEMESTER TOTAL		12

7th Semester- CSIT'Regular (38 Batch)

Course Code	Course Title	Credit Hours
CSIT3101	Data Communication	3
CSIT3102	Data Communication Lab	0.75
CSIT3103	Web Programming	3
CSIT3104	Web Programming Lab	1.5
CSIT3105	Computer Networks	3
CSIT3106	Computer Networks Lab	0.75
SEMESTER TOTAL		12

8th Semester- CSIT'Regular (37 Batch)

Course Code	Course Title	Credit Hours
CSIT3201	Software Engineering	3
MATH3201	Engineering Statistics	3
CSIT3203	Operating System	3
CSIT3204	Operating System Lab	1.5
SEMESTER TOTAL		10.5

10th Semester- CSIT'Regular (35 Batch'Old)

Course Code	Course Title	Credit Hours
CSC-4011	Object Oriented Software Development Using UML	2
CSC-4012	Object Oriented Software Development Using UML:	1
CSC-4015	Management Information System	3
CSC-4017	System Analysis, Design and Development	2
CSC-4018	System Analysis, Design and Development: Sessional	1
SEMESTER TOTAL		9

11th Semester- CSIT'Regular (34 Batch'Old)

Course Code	Course Title	Credit Hours
CSC-4115	Compiler Design & Construction	2
CSC-4116	Compiler Design & Construction: Sessional	1
CSC-4121	Simulation & Modeling	2
CSC-4122	Simulation & Modeling: Sessional	1
CSC-4000	Project / Thesis	6
SEMESTER TOTAL		10

12th Semester- CSIT'Regular (33 Batch'Old)

Course Code	Course Title	Credit Hours
CSC-4111	Artificial Intelligence with Prolog	2
CSC-4112	Artificial Intelligence with Prolog: Sessional	1
CSC-4131	Neural Network & Fuzzy Logic	2
CSC-4132	Neural Network & Fuzzy Logic Lab	1
CSC-4000	Project / Thesis	6
SEMESTER TOTAL		10

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HUM1101	English Composition & Writing	3
PHY1101	Physics I	3
PHY1102	Physics I Lab	1.5
MATH1101	Differential & Integral calculus	3
CSIT1101	Computer Basics and Programming Concepts	3
CSIT1102	Computer Basics and Programming Concepts Lab	1.5
SEMESTER TOTAL		15

2nd Semester- CSE'Regular (43 Batch)

Course Code	Course Title	Credit Hours
ME1200	Mechanical Engineering Drawing	0.75
CHEM1201	Chemistry	3
CHEM1202	Chemistry Lab	1.5
MATH1201	Differential Equations & Matrices	3
CSE1201	Discrete Mathematics	3
CSE1203	Structured Programming Language	3
CSE1204	Structured Programming Language Lab	1.5
SEMESTER TOTAL		15.75

3rd Semester- CSE'Regular (42 Batch)

Course Code	Course Title	Credit Hours
PHY1301	Physics II	2
HUM1301	Bangladesh Studies	3
EEE1203	Electrical Engineering Fundamentals	3
EEE1204	Electrical Engineering Fundamentals Lab	1.5
ME1301	Mechanical Engineering Fundamentals	3
ME1302	Mechanical Engineering Fundamentals Lab	0.75
SEMESTER TOTAL		13.25

4th Semester- CSE'Regular (41 Batch)

Course Code	Course Title	Credit Hours
MATH2101	Vector Analysis, Complex Variables & Linear Algebra	3
CSE2101	Object Oriented Programming	3
CSE2102	Object Oriented Programming Lab	1.5
CSE2103	Numerical Methods	3
CSE2104	Numerical Methods Lab	0.75
CSE2105	Data Structures	3
CSE2106	Data Structures Lab	1.5
SEMESTER TOTAL		15.75

5th Semester- CSE'Regular (40 Batch)

Course Code	Course Title	Credit Hours
HUM2201	Introduction to Accounting	3
CSE2201	Database Management System	3
CSE2202	Database Management System Lab	1.5
CSE1301	Electronic Devices and Circuits	3
CSE1302	Electronic Devices and Circuits Lab	1.5
CSE2203	System Analysis and Design	3
CSE2204	System Analysis and Design Lab	0.75
Semester Total		15.75

6th Semester- CSE'Regular (39 Batch)

Course Code	Course Title	Credit Hours
HUM2301	Industrial Management & Laws	3
CSE2301	Digital Logic Design	3
CSE2302	Digital Logic Design Lab	1.5
CSE2303	Algorithm Design and Analysis	3
CSE2304	Algorithm Design and Analysis Lab	1.5
SEMESTER TOTAL		12

7th Semester- CSE'Regular (38 Batch)

Course Code	Course Title	Credit Hours
CSE3101	Data Communication	3
CSE3102	Data Communication Lab	0.75
CSE3103	Web Programming	3
CSE3104	Web Programming Lab	1.5
CSE3105	Computer Networks	3
CSE3106	Computer Networks Lab	0.75
SEMESTER TOTAL		12

8th Semester- CSE'Regular (37 Batch)

Course Code	Course Title	Credit Hours
CSE3201	Software Engineering	3
MATH3201	Engineering Statistics	3
CSE3203	Operating System	3
CSE3204	Operating System Lab	1.5
CSE3205	Digital Electronics & Pulse Techniques	3
CSE3206	Digital Electronics & Pulse Techniques Lab	0.75
SEMESTER TOTAL		14.25

10th Semester- CSE'Regular (35 Batch'Old)

Course Code	Course Title	Credit Hours
CSC-4011	Object Oriented Software Development Using UML	2
CSC-4012	Object Oriented Software Development Using UML:	1
CSC-4015	Management Information System	3
CSC-4017	System Analysis, Design and Development	2
CSC-4018	System Analysis, Design and Development: Sessional	1
CSE-4303	Optical Fibre Communication	3
CSE-4304	Optical Fibre Communication Lab	0.75
SEMESTER TOTAL		12.75

11th Semester- CSE'Regular (34 Batch'Old)

Course Code	Course Title	Credit Hours
CSC-4115	Compiler Design & Construction	2
CSC-4116	Compiler Design & Construction: Sessional	1
CSC-4121	Simulation & Modeling	2
CSC-4122	Simulation & Modeling: Sessional	1
CSE-4201	Wireless and Mobile Communication	3.00
CSE-4202	Wireless and Mobile Communication Lab	0.75
SEMESTER TOTAL		9.75

12th Semester- CSE'Regular (33 Batch'Old)

Course Code	Course Title	Credit Hours
CSC-4011	Object Oriented Software Development Using UML	2
CSC-4012	Object Oriented Software Development Using UML:	1
CSC-4015	Management Information System	3
CSE-4303	Optical Fibre Communication	3
CSE-4304	Optical Fibre Communication Lab	0.75
CSC-4000	Project / Thesis	6
SEMESTER TOTAL		15.75