



**GALGOTIAS UNIVERSITY**  
**UTTAR PRADESH**

School of Computing Science & Engineering

B.C.A. 2019-22

**Semester Wise Breakup of Courses**

SEMESTER-I								
S. No.	Course Code	Course Title	L	T	P	C	Prerequisite/ Exposure	Remarks
1	BCAC1101	Discrete Ma	3	0	0	4	SCSE	
2	BCAC1102	Fundamenta	3	0	0	3	SCSE	
3	BCAC1103	Introduction	3	0	0	3	SCSE	
4	BCAC1104	Programmin	3	0	0	3	SCSE	
<b>PRACTICAL</b>								
5	SLBC1001	Basic English	0	0	4	2	SLBS	
6	BCAC1114	Programmin	0	0	2	1	SCSE	
7	BCAC1113	Information	0	0	2	1	SCSE	
<b>Credit :</b>								<b>17</b>
SEMESTER-II								
S. No.	Course Code	Course Title	L	T	P	C	Prerequisite/ Exposure	Remarks
1	ENVS1001	Environment	3	0	0	3	SLBS	
2	BCAC1211	Data Structu	3	0	0	3	SCSE	
3	BCAC1203	Web Techno	3	0	0	3	SCSE	
4	BCAC1204	Enterprise R	3	0	0	3	SCSE	
5	BCAC1205	Numrical M	3	0	0	3	SCSE	
6	BCAC1202	Python Pro	3	0	0	3	SCSE	
7	BCA9004	Disruptive	2	0	0	2	SCSE	
<b>PRACTICAL</b>								
8	SLBC1002	Professiona l Communica tion	0	0	4	2	SLBS	
9	BCAC1201	Data Structu	0	0	2	1	SCSE	
10	BCAC1213	Web Techno	0	0	2	1	SCSE	<b>PBL</b>
11	BCAC1212	Python Pro	0	0	2	1	SCSE	
<b>Credit :</b>								<b>25</b>
SEMESTER-III								
S. No.	Course Code	Course Title	L	T	P	C	Prerequisite/ Exposure	Remarks
1	BCAC2101	Computer A	3	0	0	3	SCSE	
2	BCAC2102	Database Ma	3	0	0	3	SCSE	
3	BCAC2103	JAVA Progra	3	0	0	3	SCSE	PBL

4	BCAC2104	Introduction	3	0	0	3	SCSE	MOOC
5	BCAC2105	Cryptograph	3	0	0	3	SCSE	
6	BCAC2106	Computer N	3	0	0	3	SCSE	

**PRACTICAL**

7	LLL223	Logical Skill Building	0	0	4	2	SCSE	
8	BCAC2109	Computer N	0	0	2	1	SCSE	
9	BCAC2108	Java Progr	0	0	2	1	SCSE	PBL
10	BCAC2107	Database M	0	0	2	1	SCSE	

**Credit : 23**

**SEMESTER-IV**

S. No.	Course Code	Course Title	L	T	P	C	Prerequisite/ Exposure	Remarks
1	BCAS2010	Operating Sy	3	0	0	3	SCSE	
2	BCAS2012	Software Eng	3	0	0	3	SCSE	
3	BCAS2025	.Net technol	3	0	0	3	SCSE	
4	BCAS2021	Linux Admin	3	0	0	3	SCSE	
5	BCAS2013	Graph Theor	3	0	0	3	SCSE	
6		Elective-I	3	0	0	3	SCSE	

**PRACTICAL**

7	LLL245	Campus-to-C	0	0	4	2	SLBS	
8	BCAS2011	Operating Sy	0	0	2	1	SCSE	
9	BCAS2026	.Net technol	0	0	2	1	SCSE	
10	BCAS2022	Linux Admin	0	0	2	1	SCSE	
11		Elective-I Lab	0	0	2	1	SCSE	

**Credit : 24**

**SEMESTER-V**

S. No.	Course Code	Course Title	L	T	P	C	Prerequisite/ Exposure	Remarks
1	BCAS3002	Mobile Appl	3	0	0	3	SCSE	
2	BCAS3003	Computer G	3	0	0	3	SCSE	
3	BCAS3004	E-Commerce	3	0	0	3	SCSE	
4	BCAS3006	Software Pro	3	0	0	3	SCSE	
5		Elective-II	3	0	0	3	SCSE	

**PRACTICAL**

6	BCAS3005	Computer G	0	0	2	1	SCSE	
7	BCAS3007	Mobile Appl	0	0	2	1	SCSE	
8		Elective II lab	0	0	2	1	SCSE	
9	BCAS9998	Project-I	0	0	8	4	SCSE	

**Credit : 22**

SEMESTER-VI								
S. No.	Course Code	Course Title	L	T	P	C	Prerequisite/ Exposure	Remarks
1	BCAS9999	Project Work	0	3	24	15	SCSE	
<b>Credit :</b>								<b>15</b>

Total 126

		Elective-I(A)	L	T	P	C
1	BCAS2028	Advance DBI	3	0	0	2
2	BCAS2029	Advance DBI	3	0	0	2
3	BCAS2030	Python prog	3	0	0	2
4	BCAS2031	Python prog	0	0	2	1

		Elective -II	L	T	P	C
1	BCAS3008	Multimedia	3	0	0	2
2	BCAS3009	Multimedia	0	0	2	1
3	BCAS3010	Network Sec	3	0	0	2
4	BCAS3011	Network Sec	0	0	2	1
5	BCAS3012	Search Engin	3	0	0	2
6	BCAS3013	Search Engin	0	0	2	1