

Faculty of Information Technology

Semester: FALL 2020

Program: BSCS, BSSE, BSDS and ADP

<u>S. NO</u>	<u>COURSE CODE</u>	<u>TITLE</u>	<u>SECTION</u>	<u>SEMESTER</u>
1	CSAC3613	Computational Geometry for Designing and Animation	H	8
2	CSAL1213	Discrete Structures	A	3
3	CSAL1213	Discrete Structures	B	3
4	CSAL1213	Discrete Structures	C	3
5	CSAL1213	Discrete Structures	D	3
6	CSAL1213	Discrete Structures	E	3
7	CSAL1213	Discrete Structures	F	3
8	CSAL1213	Discrete Structures	G	3
9	CSAL1213	Discrete Structures	H	3
10	CSAL3203	Introduction to Image Processing	B	5
11	CSAL3203	Introduction to Image Processing	D	5
12	CSAL3233	Design and Analysis of Algorithms	A	5
13	CSAL3233	Design and Analysis of Algorithms	B	5
14	CSAL3233	Design and Analysis of Algorithms	C	5
15	CSAL3233	Design and Analysis of Algorithms	D	5
16	CSAL3233	Design and Analysis of Algorithms	E	5
17	CSAL3233	Design and Analysis of Algorithms	F	5
18	CSAL3233	Design and Analysis of Algorithms	G	5
19	CSAL3233	Design and Analysis of Algorithms	M	6
20	CSAL3233	Design and Analysis of Algorithms	N	6
21	CSAL3233	Design and Analysis of Algorithms	O	6
22	CSAL3233	Design and Analysis of Algorithms	P	6
23	CSAL3243	Artificial Intelligence	M	6
24	CSAL3243	Artificial Intelligence	N	6
25	CSAL3243	Artificial Intelligence	O	6
26	CSAL3243	Artificial Intelligence	P	6
27	CSAL3253	Theory of Automata & Formal Languages	R	5
28	CSAL4243	Introduction to Machine Learning	A	8
29	CSAL4243	Introduction to Machine Learning	D	8
30	CSAL4263	Numerical Computing	M	6
31	CSAL4263	Numerical Computing	N	6
32	CSAL4263	Numerical Computing	O	6

33	CSAL4263	Numerical Computing	P	6
34	CSST4683	Embedded System/Micorcontroller Programming	C	8
35	CSST4683	Embedded System/Micorcontroller Programming	D	8
36	CSAL4323	3D Computer Graphics	B	4
37	CSAL4323	3D Computer Graphics	D	4
38	CSCP1011	Programming Fundamentals	A	2
39	CSCP1011	Programming Fundamentals	B	2
40	CSCP1011	Programming Fundamentals	C	2
41	CSCP1011	Programming Fundamentals	D	2
42	CSCP1011	Programming Fundamentals	E	2
43	CSCP1013	Programming Fundamentals	A	2
44	CSCP1013	Programming Fundamentals	B	2
45	CSCP1013	Programming Fundamentals	C	2
46	CSCP1013	Programming Fundamentals	D	2
47	CSCP1013	Programming Fundamentals	E	2
48	CSCP2021	Object Oriented Programming	A	3
49	CSCP2021	Object Oriented Programming	B	3
50	CSCP2021	Object Oriented Programming	C	3
51	CSCP2021	Object Oriented Programming	D	3
52	CSCP2021	Object Oriented Programming	E	3
53	CSCP2021	Object Oriented Programming	F	3
54	CSCP2021	Object Oriented Programming	G	3
55	CSCP2021	Object Oriented Programming	H	3
56	CSCP2023	Object Oriented Programming	A	3
57	CSCP2023	Object Oriented Programming	B	3
58	CSCP2023	Object Oriented Programming	C	3
59	CSCP2023	Object Oriented Programming	D	3
60	CSCP2023	Object Oriented Programming	E	3
61	CSCP2023	Object Oriented Programming	F	3
62	CSCP2023	Object Oriented Programming	G	3
63	CSCP2023	Object Oriented Programming	H	3
64	CSCP2031	Data Structures and Algorithms	A	4
65	CSCP2031	Data Structures and Algorithms	B	4
66	CSCP2031	Data Structures and Algorithms	C	4
67	CSCP2031	Data Structures and Algorithms	D	4
68	CSCP2033	Data Structures and Algorithms	A	4
69	CSCP2033	Data Structures and Algorithms	B	4
70	CSCP2033	Data Structures and Algorithms	C	4
71	CSCP2033	Data Structures and Algorithms	D	4
72	CSCP3063	Mobile Application Development	E	5

73	CSCP3063	Mobile Application Development	H	5
74	CSCS1511	Introduction to Computing	A	1
75	CSCS1511	Introduction to Computing	B	1
76	CSCS1511	Introduction to Computing	C	1
77	CSCS1511	Introduction to Computing	D	1
78	CSCS1511	Introduction to Computing	E	1
79	CSCS1511	Introduction to Computing	F	1
80	CSCS1511	Introduction to Computing	G	1
81	CSCS1511	Introduction to Computing	H	1
82	CSCS1511	Introduction to Computing	I	1
83	CSCS1511	Introduction to Computing	J	1
84	CSCS1511	Introduction to Computing	K	1
85	CSCS1513	Introduction to Computing	A	1
86	CSCS1513	Introduction to Computing	B	1
87	CSCS1513	Introduction to Computing	C	1
88	CSCS1513	Introduction to Computing	D	1
89	CSCS1513	Introduction to Computing	E	1
90	CSCS1513	Introduction to Computing	F	1
91	CSCS1513	Introduction to Computing	G	1
92	CSCS1513	Introduction to Computing	H	1
93	CSCS1513	Introduction to Computing	I	1
94	CSCS1513	Introduction to Computing	J	1
95	CSCS1513	Introduction to Computing	K	1
96	CSCS2521	Digital Logic and Design	A	2
97	CSCS2521	Digital Logic and Design	B	2
98	CSCS2521	Digital Logic and Design	C	2
99	CSCS2521	Digital Logic and Design	D	2
100	CSCS2521	Digital Logic and Design	E	2
101	CSCS2523	Digital Logic and Design	A	2
102	CSCS2523	Digital Logic and Design	B	2
103	CSCS2523	Digital Logic and Design	C	2
104	CSCS2523	Digital Logic and Design	D	2
105	CSCS2523	Digital Logic and Design	E	2
106	CSCS2533	Computer Architecture	R	5
107	CSCS3541	Computer Organization and Assembly Language	A	3
108	CSCS3541	Computer Organization and Assembly Language	B	3
109	CSCS3541	Computer Organization and Assembly Language	C	3
110	CSCS3541	Computer Organization and Assembly Language	D	3

111	CSCS3541	Computer Organization and Assembly Language	E	3
112	CSCS3541	Computer Organization and Assembly Language	F	3
113	CSCS3541	Computer Organization and Assembly Language	G	3
114	CSCS3541	Computer Organization and Assembly Language	H	3
115	CSCS3543	Computer Organization and Assembly Language	A	3
116	CSCS3543	Computer Organization and Assembly Language	B	3
117	CSCS3543	Computer Organization and Assembly Language	C	3
118	CSCS3543	Computer Organization and Assembly Language	D	3
119	CSCS3543	Computer Organization and Assembly Language	E	3
120	CSCS3543	Computer Organization and Assembly Language	F	3
121	CSCS3543	Computer Organization and Assembly Language	G	3
122	CSCS3543	Computer Organization and Assembly Language	H	3
123	CSCS3551	Operating Systems	A	5
124	CSCS3551	Operating Systems	B	5
125	CSCS3551	Operating Systems	C	5
126	CSCS3551	Operating Systems	D	5
127	CSCS3551	Operating Systems	E	5
128	CSCS3551	Operating Systems	F	5
129	CSCS3551	Operating Systems	G	5
130	CSCS3553	Operating Systems	A	5
131	CSCS3553	Operating Systems	B	5
132	CSCS3553	Operating Systems	C	5
133	CSCS3553	Operating Systems	D	5
134	CSCS3553	Operating Systems	E	5
135	CSCS3553	Operating Systems	F	5
136	CSCS3553	Operating Systems	G	5
137	CSCS4573	Compiler Construction	A	7
138	CSCS4573	Compiler Construction	B	7
139	CSCS4573	Compiler Construction	C	7
140	CSCS4573	Compiler Construction	D	7
141	CSCS4573	Compiler Construction	E	7
142	CSCS4573	Compiler Construction	F	7

143	CSCS4573	Compiler Construction	G	7
144	CSDB2311	Introduction to Database Systems	A	4
145	CSDB2311	Introduction to Database Systems	B	4
146	CSDB2311	Introduction to Database Systems	C	4
147	CSDB2311	Introduction to Database Systems	D	4
148	CSDB2313	Introduction to Database Systems	A	4
149	CSDB2313	Introduction to Database Systems	B	4
150	CSDB2313	Introduction to Database Systems	C	4
151	CSDB2313	Introduction to Database Systems	D	4
152	CSDB4313	Introduction to Data Science	A	8
153	CSDB4313	Introduction to Data Science	B	8
154	CSDS4423	Programming For Big Data	A	5
155	CSDS4423	Programming For Big Data	C	5
156	CSGE4963	Professional Practices	A	8
157	CSGE4963	Professional Practices	B	8
158	CSGE4963	Professional Practices	C	8
159	CSGE4963	Professional Practices	D	8
160	CSHU1823	English-I (Functional English)	A	1
161	CSHU1823	English-I (Functional English)	B	1
162	CSHU1823	English-I (Functional English)	C	1
163	CSHU1823	English-I (Functional English)	D	1
164	CSHU1823	English-I (Functional English)	E	1
165	CSHU1823	English-I (Functional English)	F	1
166	CSHU1823	English-I (Functional English)	G	1
167	CSHU1823	English-I (Functional English)	H	1
168	CSHU1823	English-I (Functional English)	I	1
169	CSHU1823	English-I (Functional English)	J	1
170	CSHU1823	English-I (Functional English)	K	1
171	CSHU1843	Introduction to Psychology	B	3
172	CSHU1843	Introduction to Psychology	C	3
173	CSHU1843	Introduction to Psychology	G	3
174	CSHU1863	Islamic and Religious Studies	A	1
175	CSHU1863	Islamic and Religious Studies	B	1
176	CSHU1863	Islamic and Religious Studies	C	1
177	CSHU1863	Islamic and Religious Studies	D	1
178	CSHU1863	Islamic and Religious Studies	E	1
179	CSHU1863	Islamic and Religious Studies	F	1
180	CSHU1863	Islamic and Religious Studies	G	1
181	CSHU1863	Islamic and Religious Studies	H	1
182	CSHU1863	Islamic and Religious Studies	I	1
183	CSHU1863	Islamic and Religious Studies	J	1

184	CSHU1863	Islamic and Religious Studies	K	1
185	CSHU1873	English-II (Communication Skills)	A	2
186	CSHU1873	English-II (Communication Skills)	B	2
187	CSHU1873	English-II (Communication Skills)	C	2
188	CSHU1873	English-II (Communication Skills)	D	2
189	CSHU1873	English-II (Communication Skills)	E	2
190	CSHU1893	Pakistan Studies	A	2
191	CSHU1893	Pakistan Studies	B	2
192	CSHU1893	Pakistan Studies	C	2
193	CSHU1893	Pakistan Studies	D	2
194	CSHU1893	Pakistan Studies	E	2
195	CSHU2813	English-III (Technical and Report Writing)	M	6
196	CSHU2813	English-III (Technical and Report Writing)	N	6
197	CSHU2813	English-III (Technical and Report Writing)	O	6
198	CSHU2813	English-III (Technical and Report Writing)	P	6
199	CSHU2833	Logic Thinking	A	1
200	CSHU2833	Logic Thinking	B	1
201	CSHU2833	Logic Thinking	C	1
202	CSHU2833	Logic Thinking	D	1
203	CSHU2833	Logic Thinking	E	1
204	CSHU2833	Logic Thinking	F	1
205	CSHU2833	Logic Thinking	G	1
206	CSHU2833	Logic Thinking	H	1
207	CSHU2833	Logic Thinking	I	1
208	CSHU2833	Logic Thinking	J	1
209	CSHU2833	Logic Thinking	K	1
210	CSHU3853	Persian Language	A	3
211	CSMG1933	Introduction to Business	F	3
212	CSMG1933	Introduction to Business	H	3
213	CSMG2943	The Aesthetic Approach	E	7
214	CSMG2943	The Aesthetic Approach	G	7
215	CSMG3943	Organizational Behavior and Culture	A	7
216	CSMG3943	Organizational Behavior and Culture	C	7
217	CSMG2953	Interpersonal Skills	F	7
218	CSNC2411	Computer Communications and Networks	A	7
219	CSNC2411	Computer Communications and Networks	B	7

220	CSNC2411	Computer Communications and Networks	C	7
221	CSNC2411	Computer Communications and Networks	D	7
222	CSNC2411	Computer Communications and Networks	E	7
223	CSNC2411	Computer Communications and Networks	F	7
224	CSNC2411	Computer Communications and Networks	G	7
225	CSNC2413	Computer Communications and Networks	A	7
226	CSNC2413	Computer Communications and Networks	B	7
227	CSNC2413	Computer Communications and Networks	C	7
228	CSNC2413	Computer Communications and Networks	D	7
229	CSNC2413	Computer Communications and Networks	E	7
230	CSNC2413	Computer Communications and Networks	F	7
231	CSNC2413	Computer Communications and Networks	G	7
232	CSSE3113	Introduction to Software Engineering	A	5
233	CSSE3113	Introduction to Software Engineering	B	5
234	CSSE3113	Introduction to Software Engineering	C	5
235	CSSE3113	Introduction to Software Engineering	D	5
236	CSSE3113	Introduction to Software Engineering	E	5
237	CSSE3113	Introduction to Software Engineering	F	5
238	CSSE3113	Introduction to Software Engineering	G	5
239	CSSE3113	Introduction to Software Engineering	M	6
240	CSSE3113	Introduction to Software Engineering	N	6
241	CSSE3113	Introduction to Software Engineering	O	6
242	CSSE3113	Introduction to Software Engineering	P	6

243	CSSE3143	Web Application Development	B	5
244	CSSE3143	Web Application Development	A	5
245	CSSE4123	Software Quality Assurance	A	8
246	CSSE4123	Software Quality Assurance	B	8
247	CSSE4123	Software Quality Assurance	C	8
248	CSSE4153	Human Computer Interaction	A	7
249	CSSE4153	Human Computer Interaction	B	7
250	CSSE4153	Human Computer Interaction	C	7
251	CSSE4153	Human Computer Interaction	D	7
252	CSSE4153	Human Computer Interaction	E	7
253	CSSE4153	Human Computer Interaction	F	7
254	CSSE4153	Human Computer Interaction	G	7
255	CSSE4193	Software Testing	B	8
256	CSSE4193	Software Testing	C	8
257	CSSE4193	Software Testing	D	8
258	CSSS1713	Calculus and Analytical Geometry	A	2
259	CSSS1713	Calculus and Analytical Geometry	B	2
260	CSSS1713	Calculus and Analytical Geometry	C	2
261	CSSS1713	Calculus and Analytical Geometry	D	2
262	CSSS1713	Calculus and Analytical Geometry	E	2
263	CSSS1723	Basic Electronics	A	1
264	CSSS1723	Basic Electronics	B	1
265	CSSS1723	Basic Electronics	C	1
266	CSSS1723	Basic Electronics	D	1
267	CSSS1723	Basic Electronics	E	1
268	CSSS1723	Basic Electronics	F	1
269	CSSS1723	Basic Electronics	G	1
270	CSSS1723	Basic Electronics	H	1
271	CSSS1723	Basic Electronics	I	1
272	CSSS1723	Basic Electronics	J	1
273	CSSS1723	Basic Electronics	K	1
274	CSSS2733	Multivariate Calculus	A	3
275	CSSS2733	Multivariate Calculus	B	3
276	CSSS2733	Multivariate Calculus	C	3
277	CSSS2733	Multivariate Calculus	D	3
278	CSSS2733	Multivariate Calculus	E	3
279	CSSS2733	Multivariate Calculus	F	3
280	CSSS2733	Multivariate Calculus	G	3
281	CSSS2733	Multivariate Calculus	H	3
282	CSSS2743	Probability and Statistics	A	4
283	CSSS2743	Probability and Statistics	B	4

284	CSSS2743	Probability and Statistics	C	4
285	CSSS2743	Probability and Statistics	D	4
286	CSSS2753	Linear Algebra	A	4
287	CSSS2753	Linear Algebra	B	4
288	CSSS2753	Linear Algebra	C	4
289	CSSS2753	Linear Algebra	D	4
290	CSST3663	Microcontroller Programming and Interfacing	A	4
291	CSST3663	Microcontroller Programming and Interfacing	C	4
292	SEAD1413	Discrete Structures	T	2
293	SEAD1413	Discrete Structures	U	2
294	SEAD1413	Discrete Structures	V	2
295	SEAD1413	Discrete Structures	W	2
296	SECP1011	Introduction to Computing	M	1
297	SECP1011	Introduction to Computing	N	1
298	SECP1011	Introduction to Computing	O	1
299	SECP1011	Introduction to Computing	P	1
300	SECP1011	Introduction to Computing	Q	1
301	SECP1011	Introduction to Computing	R	1
302	SECP1011	Introduction to Computing	S	1
303	SECP1013	Introduction to Computing	M	1
304	SECP1013	Introduction to Computing	N	1
305	SECP1013	Introduction to Computing	O	1
306	SECP1013	Introduction to Computing	P	1
307	SECP1013	Introduction to Computing	Q	1
308	SECP1013	Introduction to Computing	R	1
309	SECP1013	Introduction to Computing	S	1
310	SECP1021	Programming Fundamentals	T	2
311	SECP1021	Programming Fundamentals	U	2
312	SECP1021	Programming Fundamentals	V	2
313	SECP1021	Programming Fundamentals	W	2
314	SECP1023	Programming Fundamentals	T	2
315	SECP1023	Programming Fundamentals	U	2
316	SECP1023	Programming Fundamentals	V	2
317	SECP1023	Programming Fundamentals	W	2
318	SECP2031	Object Oriented Programming	M	3
319	SECP2031	Object Oriented Programming	N	3
320	SECP2031	Object Oriented Programming	O	3
321	SECP2031	Object Oriented Programming	P	3
322	SECP2031	Object Oriented Programming	Q	3
323	SECP2033	Object Oriented Programming	M	3

324	SECP2033	Object Oriented Programming	N	3
325	SECP2033	Object Oriented Programming	O	3
326	SECP2033	Object Oriented Programming	P	3
327	SECP2033	Object Oriented Programming	Q	3
328	SECP2041	Data Structure & Algorithms	M	4
329	SECP2043	Data Structure & Algorithms	M	4
330	SEGE1913	Introduction to Business	M	3
331	SEGE1913	Introduction to Business	O	3
332	SEGE1923	Human Resource Management	T	2
333	SEGE1923	Human Resource Management	U	2
334	SEHU1813	Pakistan Studies	M	1
335	SEHU1813	Pakistan Studies	N	1
336	SEHU1813	Pakistan Studies	O	1
337	SEHU1813	Pakistan Studies	P	1
338	SEHU1813	Pakistan Studies	Q	1
339	SEHU1813	Pakistan Studies	R	1
340	SEHU1813	Pakistan Studies	S	1
341	SEHU1823	Islamic Studies	M	1
342	SEHU1823	Islamic Studies	N	1
343	SEHU1823	Islamic Studies	O	1
344	SEHU1823	Islamic Studies	P	1
345	SEHU1823	Islamic Studies	Q	1
346	SEHU1823	Islamic Studies	R	1
347	SEHU1823	Islamic Studies	S	1
348	SEHU1823	Islamic Studies	T	2
349	SEHU1823	Islamic Studies	U	2
350	SEHU1823	Islamic Studies	V	2
351	SEHU1823	Islamic Studies	W	2
352	SEHU1833	English Composition and Comprehension	M	1
353	SEHU1833	English Composition and Comprehension	N	1
354	SEHU1833	English Composition and Comprehension	O	1
355	SEHU1833	English Composition and Comprehension	P	1
356	SEHU1833	English Composition and Comprehension	Q	1
357	SEHU1833	English Composition and Comprehension	R	1
358	SEHU1833	English Composition and Comprehension	S	1

359	SEHU1863	Communication and Presentation Skills	T	2
360	SEHU1863	Communication and Presentation Skills	U	2
361	SEHU1863	Communication and Presentation Skills	V	2
362	SEHU1863	Communication and Presentation Skills	W	2
363	SEHU2873	Technical and Business Writing	M	4
364	SESD2213	Software Requirement Engineering	M	3
365	SESD2213	Software Requirement Engineering	N	3
366	SESD2213	Software Requirement Engineering	O	3
367	SESD2213	Software Requirement Engineering	P	3
368	SESD2213	Software Requirement Engineering	Q	3
369	SESD2223	Software Design & Architecture	M	4
370	SESE1113	Software Engineering	T	2
371	SESE1113	Software Engineering	U	2
372	SESE1113	Software Engineering	V	2
373	SESE1113	Software Engineering	W	2
374	SESE2123	Human Computer Interaction	M	3
375	SESE2123	Human Computer Interaction	M	3
376	SESE2123	Human Computer Interaction	M	3
377	SESE2123	Human Computer Interaction	M	3
378	SESE2123	Human Computer Interaction	M	3
379	SESS1723	Basic Electronics	M	1
380	SESS1723	Basic Electronics	N	1
381	SESS1723	Basic Electronics	O	1
382	SESS1723	Basic Electronics	P	1
383	SESS1723	Basic Electronics	Q	1
384	SESS1723	Basic Electronics	R	1
385	SESS1723	Basic Electronics	S	1
386	SESS2733	Probability and Statistics	M	4
387	SESS2743	Linear Algebra	M	3
388	SESS2743	Linear Algebra	N	3
389	SESS2743	Linear Algebra	O	3
390	SESS2743	Linear Algebra	P	3
391	SESS2743	Linear Algebra	Q	3
392	SEST2613	Business Process Engineering	M	4
393	SENS3513	Operating Systems	M	5
394	SENS3511	Operating Systems	M	5
395	SEAD3423	Introduction to Database Systems	M	5
396	SEAD3421	Introduction to Database Systems	M	5

397	SESD3233	Web Engineering	M	5
398	SESE3133	Formal Methods in Software Engineering	M	5
399	SEGE2933	Technology Entrepreneurship	M	5
400	SEHU1853	Persian Language	Q	3
401	SEGE3963	Fundamental of Marketing	N	3
402	SEGE3963	Fundamental of Marketing	P	3
403	SEGE1973	Financial Accounting	V	2
404	SEGE1973	Financial Accounting	W	2
405		Basic Maths-1 (only Pre-Med students)	M	1
406		Basic Maths-1 (only Pre-Med students)	N	1
407	DSCP1013	Introduction to Computing	X	1
408	DSCP1013	Introduction to Computing	Y	1
409	DSCP1013	Introduction to Computing	Z	1
410	DSCP1011	Introduction to Computing	X	1
411	DSCP1011	Introduction to Computing	Y	1
412	DSCP1011	Introduction to Computing	Z	1
413	DSHU1643	Logic Thinking	X	1
414	DSHU1643	Logic Thinking	Y	1
415	DSHU1643	Logic Thinking	Z	1
416	DSSS1823	Basic Electronics	X	1
417	DSSS1823	Basic Electronics	Y	1
418	DSSS1823	Basic Electronics	Z	1
419	DSHU1633	English Composition and Comprehension	X	1
420	DSHU1633	English Composition and Comprehension	Y	1
421	DSHU1633	English Composition and Comprehension	Z	1
422	DSHU1613	Pakistan Studies	X	1
423	DSHU1613	Pakistan Studies	Y	1
424	DSHU1613	Pakistan Studies	Z	1
425	CSHU2833	Introduction To Logic	L	1
426	CSCS1513	Introduction To Computer Science	L	1
427	CSSS1713	Calculus I	L	1
428	CSMG1923	Introduction to Financial Accounting	L	1
429	CSHU1823	Functional English	L	1
430	CSHU1863	Pakistan & Islamic Studies / Ethics	L	1
431	CSHU1873	English -II (Communication Skills)	L	2
432	CSSS2733	Calculus II	L	2

433	CSCP1013	Programming Fundamentals	L	2
434	CSCP2033	Data Structures & Algorithms	L	3
435	CSDB2313	Database Management Systems	L	2
436	CSGE2963	Ethics and Professional Practices	L	2
437	CSSE2163	Web Programming	L	2
438	CSCP2023	Object Oriented Programming	L	3
440	CSMG2913	Technology Entrepreneurship	L	3
441	CSHU2813	Technical and Business Writing	L	3