

Course Offering & Advising Form, Spring-2022

B.Sc. in CSE (DAY), DIU, Daffodil Smart City Campus

| LT | Course Code | Course Title | Prerequisites | Sections | Credit |
|-----------------------|-------------|---|--|---|---|
| L1 T1 | CSE112 | Computer Fundamentals | null | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z, AA,AB,AC,AD,AE,AF,AG,AH,AI | 3 |
| | MAT111 | Basic Mathematics | null | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z, AA,AB,AC,AD,AE,AF,AG,AH,AI | 3 |
| | ENG113 | Basic Functional English & English Spoken | null | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z, AA,AB,AC,AD,AE,AF,AG,AH,AI | 3 |
| | PHY113 | Basic Physics | null | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z, AA,AB,AC,AD,AE,AF,AG,AH,AI | 2 |
| | PHY114 | Basic Physics Lab | null | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z, AA,AB,AC,AD,AE,AF,AG,AH,AI | 1 |
| | CSE115 | Introduction to Biology and Chemistry for computation | null | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z, AA,AB,AC,AD,AE,AF,AG,AH,AI | 2 |
| Total Credits Taken | | | | | 14 |
| New Syllabus-1 | | | | | |
| L1 T2 | MAT121 | Mathematics-II: Calculus,Complex variables And Linear Algebra | MAT111 | PC-A, PC-B, PC-C, PC-D, PC-E, PC-F, PC-G, PC-H, PC-I | 3 |
| | CSE122 | Programming and Problem Solving | CSE112 | PC-A, PC-B, PC-C, PC-D, PC-E, PC-F, PC-G, PC-H, PC-I | 2 |
| | CSE123 | Problem Solving Lab | CSE112 | PC-A, PC-B, PC-C, PC-D, PC-E, PC-F, PC-G, PC-H, PC-I | 2 |
| | CSE124 | Business Application Design | null | PC-A, PC-B, PC-C, PC-D, PC-E, PC-F, PC-G, PC-H, PC-I | 1 |
| | GED121 | Bangladesh Studies | null | PC-A, PC-B, PC-C, PC-D, PC-E, PC-F, PC-G, PC-H, PC-I | 3 |
| | ENG123 | Writing and Comprehension | ENG113 | PC-A, PC-B, PC-C, PC-D, PC-E, PC-F, PC-G, PC-H, PC-I | 3 |
| Total Credits Taken | | | | | 14 |
| L1 T3 | CSE131 | Discrete Mathematics | null | PC-A, PC-B, PC-C, PC-D | 3 |
| | CSE132 | Electrical Circuits | PHY113 | PC-A, PC-B, PC-C, PC-D | 1 |
| | CSE133 | Electrical Circuits Lab | CSE132 | PC-A, PC-B, PC-C, PC-D | 2 |
| | CSE134 | Data Structure | CSE122 | PC-A, PC-B, PC-C, PC-D | 2 |
| | CSE135 | Data Structure Lab | CSE134 | PC-A, PC-B, PC-C, PC-D | 2 |
| | GED131 | Art of living | null | PC-A, PC-B, PC-C, PC-D | 3 |
| | CSE136 | Software Project-I | null | PC-A, PC-B, PC-C, PC-D | 1 |
| Total Credits Taken | | | | | 14 |
| L2 T1 | MAT211 | Engineering Mathematics | MAT131 | PC-A, PC-B, PC-C | 3 |
| | CSE212 | Basic Electronics | null | PC-A, PC-B, PC-C | 1 |
| | CSE213 | Basic Electronics Lab | null | PC-A, PC-B, PC-C | 2 |
| | CSE221 | Object Oriented Programming | CSE134 | PC-A, PC-B, PC-C | 2 |
| | CSE222 | Object Oriented Programming Lab | CSE221 | PC-A, PC-B, PC-C | 2 |
| | CSE216 | Software Project-II | CSE136 | PC-A, PC-B, PC-C | 1 |
| | ACT211 | Financial and Managerial Accounting | null | PC-A, PC-B, PC-C | 2 |
| Total Credits Taken | | | | | 13 |
| L2 T2 | CSE214 | Algorithms | CSE134 | PC-A,PC-B | 2 |
| | CSE215 | Algorithms Lab | CSE135 | PC-A,PC-B | 2 |
| | STA221 | Statistics and Probability | MAT111 | PC-A,PC-B | 3 |
| | CSE223 | Digital Electronics | CSE132 | PC-A,PC-B | 1 |
| | CSE224 | Digital Electronics Lab | MAT211 | PC-A,PC-B | 2 |
| | CSE225 | Data Communication | CSE212 | PC-A,PC-B | 3 |
| | CSE226 | Software project III | CSE224 | PC-A,PC-B | 1 |
| Total Credits Taken | | | | | 14 |
| L2 T3 | CSE231 | Microprocessor,Embedded System and IoT | CSE224 | PC-A,PC-B, PC-C | 1 |
| | CSE232 | Microprocessor,Embedded System and IoT Lab | CSE231, CSE224 | PC-A,PC-B, PC-C | 2 |
| | CSE233 | Object Oriented Programming II | CSE212 | PC-A,PC-B, PC-C | 1 |
| | CSE234 | Object Oriented Programming II Lab | CSE122, CSE223 | PC-A,PC-B, PC-C | 2 |
| | CSE235 | Numerical Methods | MAT211 | PC-A,PC-B, PC-C | 3 |
| | CSE236 | Math for Computer Science | MAT211 | PC-A,PC-B, PC-C | 2 |
| | CSE237 | Software Project IV | CSE213 | PC-A,PC-B, PC-C | 1 |
| Total Credits Taken | | | | | 12 |
| L3 T1 | CSE311 | Database Management System | CSE222 | PC-A,PC-B,PC-C,PC-D,PC-E,PC-F,PC-H,PC-I,PC-J,PC-K,PC-L,PC-O,PC-P,PC-Q, PC-R | 2 |
| | CSE312 | Database Management System Lab | CSE222 | PC-A,PC-B,PC-C,PC-D,PC-E,PC-F,PC-H,PC-I,PC-J,PC-K,PC-L,PC-O,PC-P,PC-Q, PC-R | 2 |
| | CSE313 | Computer Networks | CSE233 | PC-A,PC-B,PC-C,PC-D,PC-E,PC-F,PC-H,PC-I,PC-J,PC-K,PC-L,PC-O,PC-P,PC-Q, PC-R | 1 |
| | CSE314 | Computer Networks Lab | CSE233 | PC-A,PC-B,PC-C,PC-D,PC-E,PC-F,PC-H,PC-I,PC-J,PC-K,PC-L,PC-O,PC-P,PC-Q, PC-R | 2 |
| | CSE315 | Artificial Intelligence | CSE131, CSE213 | PC-A,PC-B,PC-C,PC-D,PC-E,PC-F,PC-H,PC-I,PC-J,PC-K,PC-L,PC-O,PC-P,PC-Q, PC-R | 1 |
| | CSE316 | Artificial Intelligence Lab | CSE131, CSE213 | PC-A,PC-B,PC-C,PC-D,PC-E,PC-F,PC-H,PC-I,PC-J,PC-K,PC-L,PC-O,PC-P,PC-Q, PC-R | 2 |
| | CSE317 | Software Project V | CSE237 | PC-A,PC-B,PC-C,PC-D,PC-E,PC-F,PC-H,PC-I,PC-J,PC-K,PC-L,PC-O,PC-P,PC-Q, PC-R | 1 |
| Total Credits Taken | | | | | 11 |
| L3 T2 | CSE321 | Data Mining and Machine Learning | | PC-A, PC-B, PC-C | 2 |
| | CSE322 | Data Mining and Machine Learning Lab | | PC-A, PC-B, PC-C | 2 |
| | CSE325 | System Analysis and Design | CSE311 | PC-A, PC-B, PC-C | 3 |
| | CSE323 | Operating Systems | CSE213, CSE231 | PC-A, PC-B, PC-C | 1 |
| | CSE324 | Operating Systems Lab | CSE213, CSE231 | PC-A, PC-B, PC-C | 2 |
| | ECO321 | Economics | null | PC-A, PC-B, PC-C | 2 |
| | CSE326 | Research and Innovation | null | PC-A, PC-B, PC-C | 1 |
| Credits Taken | | | | | 13 |
| L3 T3 | CSE331 | Compiler Design | | PC-A, PC-B, PC-C | 2 |
| | CSE332 | Compiler Design Lab | | PC-A, PC-B, PC-C | 2 |
| | CSE333 | Software Engineering | | PC-A, PC-B, PC-C | 3 |
| | CSE334 | Pervasive Computing | | PC-A, PC-B, PC-C | 1 |
| | | CSE335 | Pervasive Computing and Mobile App Development Lab | | PC-A, PC-B, PC-C |
| | CSE336 | Software project VI | | PC-A, PC-B, PC-C | 1 |
| Total Credits Taken | | | | | 11 |
| L4 T1 | CSE411 | Computer Architecture and Organization | | PC-A,PC-B,PC-C, PC-D,PC-E, PC-F, PC-G, PC-I, PC-J | 3 |
| | CSE412 | Big Data and IoT | | PC-A,PC-B,PC-C, PC-D,PC-E, PC-F, PC-G, PC-I, PC-J | 1 |
| | CSE413 | Big Data and IoT Lab | | PC-A,PC-B,PC-C, PC-D,PC-E, PC-F, PC-G, PC-I, PC-J | 2 |
| | CSE414 | Web Engineering | CSE122, CSE223 | PC-A,PC-B,PC-C, PC-D,PC-E, PC-F, PC-G, PC-I, PC-J | 1 |
| | | CSE415 | Web Engineering Lab | CSE122, CSE223 | PC-A,PC-B,PC-C, PC-D,PC-E, PC-F, PC-G, PC-I, PC-J |
| Total Credits Taken | | | | | 9 |
| New Syllabus-2 | | | | | |
| L4 T2 | CSE423 | Embedded System | CSE131 | PC-A, PC-B, PC-C | 3 |
| | CSE421 | Computer Graphics | MAT211,CSE213 | PC-A, PC-B, PC-C | 3 |
| | CSE422 | Computer Graphics Lab | CSE222, STA223 | PC-A, PC-B, PC-C | 1 |
| | CSE444 | Introduction to Robotics | null | PC-A, PC-B, PC-C | 3 |
| | | CSE499 | Project/Internship(Phase I, to be completed in L4T3) | null | PC-A, PC-B, PC-C |
| Total Credits Taken | | | | | 13 |
| L4 T3 | CSE450 | Data Mining | CSE213 | PC-A, PC-B, PC-C, PC-D | 3 |
| | CSE498 | Social & Professional Issues in Computing | null | PC-A, PC-B, PC-C, PC-D | 3 |
| | | CSE499 | Project/Internship(Phase II, continued from L4T2) | null | PC-A, PC-B, PC-C, PC-D |
| Total Credits Taken | | | | | 9 |