

| #  | CODE     | MODULE                                    | CREDITS | SPECIALIZATION  | LEVEL   |
|----|----------|---|---------|---|---------|
| 1  | COM 1101 | Communication Skills                      | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 2  | CSE 1101 | Introduction to information Technology    | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 3  | CSE 1102 | Computer Basics                           | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 4  | CSE 1103 | Basic Mathematics for computing           | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 5  | CSE 1204 | General Physics for Computing Science     | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 6  | EDC 2301 | Curriculum studies                        | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 7  | EDF 2301 | Foundation of education                   | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 8  | EDG 1201 | General pedagogy and teaching methodology | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 9  | EDH 2301 | Human Developmental Psychology            | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 10 | EDP 1201 | Educational Psychology                    | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 11 | EDS 2301 | Mathematics and computer Teaching Methods | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 12 | HUM 1101 | Humanities                                | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 13 | MAT 1101 | Mathematics Analysis                      | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 14 | MAT 1202 | Statistics and Probability                | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 15 | MAT 1203 | Linear algebra and Geometry               | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 16 | RME 1201 | Research Methodology in Education         | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 6 |
| 17 | CSE 2101 | Object oriented Programming with C ++     | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 7 |
| 18 | CSE 2102 | Electromagnetism for Computer Science     | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 7 |
| 19 | CSE 2103 | Computer Graphic and multimedia           | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 7 |
| 20 | CSE 2301 | Artificial Intelligence                   | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 7 |
| 21 | CSE 3202 | Operating System                          | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 7 |
| 22 | EDE 3201 | Educational Technology and Microteaching  | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 7 |
| 23 | EDM 2101 | Educational Measurement and evaluation    | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 7 |
| 24 | EDT 3201 | Teaching and School Practice              | 30      | Advanced Diploma of Education in Mathematics and Computer | Level 7 |
| 25 | ENT 2301 | Entrepreneurship Skills                   | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 7 |
| 26 | MAT 2101 | Functional Analysis                       | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 7 |
| 27 | MAT 2102 | Numerical Analysis and Linear Programming | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 7 |
| 28 | MAT 3201 | Data Analysis                             | 10      | Advanced Diploma of Education in Mathematics and Computer | Level 7 |