**Bachelor of Science Program in Statistical Information**

**Name of Degree:** Bachelor of Science (Statistical Information)

**Abbreviation:** B.Sc. (Statistical Information)

**Curriculum**

**Total Credits** **134 Credits**

|  |  |  |
| --- | --- | --- |
| **First Year , 1st Semester** | | **Number of Credit** |
| **Course Number** | **Course Title** |
| 000 101 | English 1 | 3(3-0-6) |
| 000 156 | Multiculturalism | 3(3-0-6) |
| 311 111 | Biology for Physical Science | 3(3-0-6) |
| 311 112 | Biology for Physical Science Laboratory | 1(0-3-2) |
| 314 106 | General Mathematics | 3(2-2-5) |
| 315 106 | Introductory Physics | 3(3-0-6) |
| 315 181 | General Physics Laboratory I | 1(0-3-2) |
| 322 161 | Introduction to Information and Communication Technology | 3(3-0-6) |
| **Total** | | **20** |

|  |  |  |
| --- | --- | --- |
| **First Year , 2nd Semester** | | **Number of Credit** |
| **Course Number** | **Course Title** |
| 000 102 | English 2 | 3(3-0-6) |
| 000 174 | Learning Skills | 3(3-0-6) |
| 312 106 | General Chemistry Laboratory | 1(0-3-2) |
| 312 108 | Fundamental Chemistry | 3(3-0-6) |
| 322 117 | Computer Programming I | 3(2-2-5) |
| 323 246 | Discrete Mathematics and Applications | 3(2-2-5) |
| 336 203 | Statistical Analysis I | 3(3-0-6) |
| **Total** | | **19** |

|  |  |  |
| --- | --- | --- |
| **Second Year , 1st Semester** | | **Number of Credit** |
| **Course Number** | **Course Title** |
| 000 103 | English 3 | 3(3-0-6) |
| 000 175 | Creative Thinking and Problem Solving | 3(3-0-6) |
| 322 336 | Database Systems and Design | 3(3-0-6) |
| 322 339 | Database Systems and Design Laboratory | 1(0-2-2) |
| 336 232 | Statistical Analysis II | 3(3-0-6) |
| 962 100 | Principles of Economics | 2(2-0-4) |
| 967 102 | Elementary to Business and Management | 3(3-0-6) |
| **Total** | | **18** |

|  |  |  |
| --- | --- | --- |
| **Second Year , 2nd Semester** | | **Number of Credit** |
| **Course Number** | **Course Title** |
| 000 173 | Energy and Environment | 3(3-0-6) |
| 336 271 | Operations Research | 3(3-0-6) |
| 336 342 | Business Information Systems Analysis and Design | 3(3-0-6) |
| 336 431 | Multivariate Analysis | 3(3-0-6) |
| 346 211 | Statistical Model | 3(3-0-6) |
| 961 251 | Financial and Accounting Management for Executive | 3(3-0-6) |
| **Total** | | **18** |

|  |  |  |
| --- | --- | --- |
| **Third Year , 1st Semester** | | **Number of Credit** |
| **Course Number** | **Course Title** |
| 000 145 | Leadership and Management | 3(3-0-6) |
| 000 176 | Creative Enterpreneurs | 3(3-0-6) |
| 346 331 | Knowledge Management and Risk Management | 3(3-0-6) |
| 346 341 | Data Quality Management | 3(2-2-5) |
| 346 343 | Data Warehouse and Data Mining | 4(3-2-7) |
| 414 243 | Project Management | 3(3-0-3) |
| xxx xxx | Special Elective | 3 |
| **Total** | | **22** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Third Year , 2nd Semester** | | | | | |
| **Regular Plan** | | | **Co-operative Education Plan** | | |
| **Course Number** | **Course Title** | **Number of Credit** | **Course Number** | **Course Title** | **Number of Credit** |
| 000 104 | English 4 | 3(3-0-6) | 000 104 | English 4 | 3(3-0-6) |
| 336 338 | Research Methodology | 3(3-0-6) | 336 338 | Research Methodology | 3(3-0-6) |
| 346 334 | Statistical Information for Strategic Management | 3(3-0-6) | 346 334 | Statistical Information for Strategic Management | 3(3-0-6) |
| 346 344 | Enterprise Data Management | 3(2-2-5) | 346 344 | Enterprise Data Management | 3(2-2-5) |
| 967 363 | Small and Medium Enterprises Management | 3(3-0-6) | 967 363 | Small and Medium Enterprises Management | 3(3-0-6) |
| xxx xxx | Special Elective | 6 | 300 202 | Customer Relationship Management | 1(0-2-2) |
| **Total** | | **21** | xxx xxx | Special Elective | 6 |
|  | |  | **Total** | | **22** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Fourth Year , 1st Semester** | | | | | |
| **Regular Plan** | | | **Co-operative Education Plan** | | |
| **Course Number** | **Course Title** | **Number of Credit** | **Course Number** | **Course Title** | **Number of Credit** |
| 346 431 | Customer Relationship Management | 3(2-2-5) | 346 431 | Customer Relationship Management | 3(2-2-5) |
| 346 491 | Seminar in Statistical Information | 1(1-0-2) | 346 491 | Seminar in Statistical Information | 1(1-0-2) |
| 346 492 | Statistical Information Project I | 3(0-9-6) | xxx xxx | Free Elective | 6 |
| xxx xxx | Free Elective | 3 | **Total** | | 10 |
| **Total** | | **10** |  | | |
|  | |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Fourth Year , 2nd Semester** | | | | | |
| **Regular Plan** | | | **Co-operative Education Plan** | | |
| **Course Number** | **Course Title** | **Number of Credit** | **Course Number** | **Course Title** | **Number of Credit** |
| 346 493 | Statistical Information Project II | 3(0-9-6) | 346 495 | Co-operative Education in Statistical Information | 6(0-18-9) |
| xxx xxx | Free Elective | 3 | **Total** | | 6 |
| **Total** | | **6** |  | | |
|  | |  |

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