**BACHELOR OF SCIENCE IN INFORMATION SYSTEM (BSIS)**
(Effective School Year 2018 - 2019)
As Per CMO 25 Series 2015

Student Name: _____   Entry Date: _____

## FIRST YEAR

| FIRST SEMESTER | | | | SECOND SEMESTER | | | |
|---|---|---|---|---|---|---|---|
| CODE | COURSE DESCRIPTION | Pre-Req | UNITS | CODE | COURSE DESCRIPTION | Pre-Req | UNITS |
| IS101 | Introduction to Computing | | 3 | IS111 | Computer Programming 2 | IS102 | 3 |
| IS102 | Computer Programming 1 | | 3 | IS112 | Fundamentals of Information Systems | IS101 | 3 |
| PSY100 | Understanding the Self | | 3 | IS113 | Financial Management | | 3 |
| SOCSCI100 | Rizal, Life Works and Writings | | 3 | STS100 | Science, Technology and Society | | 3 |
| MATH101 | Mathematics in the Modern World | | 3 | PHILO101 | Ethics | | 3 |
| ENG101 | Purposive Communication | | 3 | NSTP102 | Civic Welfare Training Service 2 | NSTP101 | (3) |
| NSTP101 | Civic Welfare Training Service 1 | | (3) | PE102 | Rhythmic Activities | PE101 | (2) |
| PE101 | Theory and Practice in Physica Fitness | | (2) | | | | **15(5)** |
| SocAct | Cefizen Awareness | | (2) | | | | |
| | | | **18(7)** | | | | |

### SUMMER

| CODE | COURSE DESCRIPTION | Pre-Req | UNITS |
|---|---|---|---|
| IS121 | Deployment, Maintenance & Service | | 3 |
| IS122 | Professional Issues in Information Systems | IS112 | 3 |
| IS123 | Prof Ethics, Theory & Practice in IS | | 3 |
| | | | **9** |

## SECOND YEAR

| FIRST SEMESTER | | | | SECOND SEMESTER | | | |
|---|---|---|---|---|---|---|---|
| CODE | COURSE DESCRIPTION | Pre-Req | UNITS | CODE | COURSE DESCRIPTION | Pre-Req | UNITS |
| IS201 | Data Structures and Algorithms | IS111 | 3 | IS211 | Systems Analysis and Design | | 3 |
| IS202 | IT Infrastructure and Network Technologies | IS112 | 3 | IS212 | IS Elective 1 | | 3 |
| | | | | IS213 | Database Management System | IS204 | 3 |
| IS203 | Organization and Management Concepts | IS112 | 3 | IS214 | Human Computer Interface | | 3 |
| IS204 | Object Oriented Programming | IS111 | 3 | FIL102 | Pagbasa at Pagsulat Tungo sa Pananaliksik | FIL101 | 3 |
| SOCSCI101 | Readings in Philippine History | | 3 | SOCSCI102 | The Contemporary World | | 3 |
| FIL101 | Komunikasyon sa Akademikong Filipino | | 3 | PE104 | Team Sports | PE101 | (2) |
| PE103 | Individual Sports | PE101 | (2) | | | | **18(2)** |
| | | | **18(2)** | | | | |

## THIRD YEAR

| FIRST SEMESTER | | | | SECOND SEMESTER | | | |
|---|---|---|---|---|---|---|---|
| CODE | COURSE DESCRIPTION | Pre-Req | UNITS | CODE | COURSE DESCRIPTION | Pre-Req | UNITS |
| IS301 | Information Management | | 3 | IS311 | IS Project Management 1 | IS301 | 3 |
| IS302 | Enterprise Architecture | | 3 | IS312 | Evaluation of Business Performance | | 3 |
| IS303 | Business Process Management | | 3 | IS313 | Capstone Project 1 | IS304 | 3 |
| IS304 | Quantitative Methods | | 3 | IS314 | IS Elective 3 | | 3 |
| IS305 | IS Elective 2 | | 3 | IS315 | IS Innovations and New Technologies | | 3 |
| IS306 | Introduction to Web Development | IS101 | 3 | IS316 | Advanced Web Programming | IS306 | 3 |
| ENG102 | Philippine Literature in English | | 3 | | | | **18** |
| | | | **21** | | | | |

## FOURTH YEAR

| FIRST SEMESTER | | | | SECOND SEMESTER | | | |
|---|---|---|---|---|---|---|---|
| CODE | COURSE DESCRIPTION | Pre-Req | UNITS | CODE | COURSE DESCRIPTION | Pre-Req | UNITS |
| IS401 | IS Strategy, Management and Acquisition | IS301 | 3 | IS411 | Practicum for Information Systems | IS313 | 6 |
| IS402 | Application Development and Emerging Technologies | | 3 | | | | **6** |
| IS403 | Capstone Project 2 | IS313 | 3 | | | | |
| IS404 | IS Elective 4 | | 3 | | | | |
| HUM101 | Art Appreciation | | 3 | | | | |
| | | | **15** | | | | |