



BACHELOR OF SCIENCE IN INFORMATION SYSTEMS
(with a 2-Year Associate in Computer Technology degree)
(based on CMO No. 25 s. 2015)

FIRST YEAR

| First Semester | | | | Second Semester | | | | | |
|----------------|---|-------------|-------------|--------------------------------|--------------|-------------------------------------|-------------|-------------|-------------------------------|
| Course No. | Descriptive Title | Units | | Pre-requisite/ Co-requisite | Course No. | Descriptive Title | Units | | Prerequisite/ Co-requisite |
| | | L E C | L A B | | | | L E C | L A B | |
| GE – MM | Mathematics in the Modern World | 3 | | | GE – AA | Art Appreciation | 3 | | |
| GE – PC | Purposive Communication | 3 | | | GE – PH | Readings in Philippine History | 3 | | |
| FIL1 | Kontekstwalisadong Komunikasyon sa Filipino | 3 | | | RIZAL | Rizal's Life & Works | 3 | | |
| GEE – RVA | Reading Visual Art | 3 | | | CC 103 | Intermediate Programming | 2 | 1 | CC 102 |
| CC 101 | Introduction to Computing | 2 | 1 | | IS 121 | Fundamentals of Information Systems | 3 | | CC 101 |
| CC 102 | Fundamentals of Programming | 2 | 1 | | TE 1 | Multimedia Systems | 2 | 1 | CC 101 |
| PE 11 | Movement Enhancement (ME) | 2 | | | PE 12 | Fitness Exercise (FE) | 2 | | PE 11 |
| NSTP 1 | National Service Training Program 1 | 3 | | | NSTP 2 | National Service Training Program 2 | 3 | | NSTP 1 |
| TOTAL | | 23 | | | TOTAL | | 23 | | |

SECOND YEAR

| First Semester | | | | Second Semester | | | | | |
|----------------|---|-------------|-------------|--------------------------------|--------------|---|-------------|-------------|-------------------------------|
| Course No. | Descriptive Title | Units | | Pre-requisite/ Co-requisite | Course No. | Descriptive Title | Units | | Prerequisite/ Co-requisite |
| | | L E C | L A B | | | | L E C | L A B | |
| GE – ST | Science, Technology and Society | 3 | | | GE – E | Ethics | 3 | | |
| GE – US | Understanding the Self | 3 | | | GE – CW | The Contemporary World | 3 | | |
| AMR | Discrete Mathematics | 3 | | GE-MM, CC 101 | CC 105 | Information Management | 2 | 1 | CC 102, CC103, CC 104 |
| CC 104 | Data Structures an Algorithms | 2 | 1 | CC 102, CC 103 | TE 3 | Web Systems and Technologies | 2 | 1 | CC 102, CC 103 |
| TE 2 | Intro to 2D Animation | 2 | 1 | GEE-RVA, GE-AA, CC 101 | TE 4 | PC Troubleshooting and Networking | 2 | 1 | CC 101, IS 121 |
| IS 211 | Quantitative Methods | 3 | | GE-MM | IS 221 | IT Infrastructure & Network Technologies | 3 | | CC 101 |
| IS 212 | Organization & Management Concept | 3 | | IS 121 | IS 222 | Enterprise Architecture | 3 | | IS 121, IS 212 |
| IS 213 | Financial Management | 3 | | | ProE 1 | Object-Oriented Programming | 3 | | IS 121, IS 212 |
| FIL2 | Filipino sa Iba't Ibang Disiplina | 3 | | | PAN1 | Sinososyedad/Pelikulang Panlipunan | 3 | | |
| PE 21 | Physical Activities Towards Health & Fitness (PATH-Fit) 1 (Dance, Sports, Outdoor & Adventure Activities) | 2 | | PE 12 | PE 22 | Physical Activities Towards Health & Fitness (PATH-Fit) 2 (Dance, Sports, Outdoor & Adventure Activities) | 2 | | PE 21 |
| TOTAL | | 29 | | | TOTAL | | 29 | | |

* Exit Point: 2D Animation NC III

* Exit Point: Computer Systems Servicing NC II

THIRD YEAR

| First Semester | | | | Second Semester | | | | | |
|----------------|---|-------------|-------------|--|---|--|-------------|-------------|-------------------------------|
| Course No. | Descriptive Title | Units | | Pre-requisite/ Co-requisite | Course No. | Descriptive Title | Units | | Prerequisite/ Co-requisite |
| | | L E C | L A B | | | | L E C | L A B | |
| CC 106 | Application Development and Emerging Technologies | 2 | 1 | Must be an Associate in Computer Technology Graduate. | TE 6 | Platform-based Development | 2 | 1 | TE 5 |
| TE 5 | Advance Database Systems | 2 | 1 | | IS 321 | IS Strategy, Management & Acquisition | 3 | | ProE 2, IS 312 |
| IS 311 | IS Project Management 1 | 2 | 1 | | IS 322 | Professional Issues in Information Systems | 3 | | |
| IS 312 | Business Process Management | 3 | | | ProE 4 | IS Project Management 2 | 2 | 1 | IS 312, ProE 2, TE 5, IS 313 |
| IS 313 | System Analysis & Design | 3 | | | ProE 5 | IT Security & Management | 3 | | ProE 2 |
| ProE 2 | Enterprise System | 3 | | | ProE 6 | Methods of Research in Computing | 3 | | |
| ProE 3 | IS Innovation & New Technologies | 2 | 1 | | TOTAL | | 18 | | |
| TOTAL | | 21 | | | * Exit Point: Programming NC III | | | | |

MID-YEAR

| Course No. | Descriptive Title | Units | | |
|--------------|---|----------|-----|------------------------------|
| | | LEC | LAB | |
| IS PRC 1 | Practicum for Information Systems (486 hours) | | 6 | 70% of total number of units |
| TOTAL | | 6 | | |

FOURTH YEAR

| First Semester | | | | Second Semester | | | | | |
|----------------|--|-------------|-------------|--------------------------------|--------------|-------------------|-------------|-------------|--------------------------------|
| Course No. | Descriptive Title | Units | | Pre-requisite/ Co-requisite | Course No. | Descriptive Title | Units | | Prerequisite/ Co-requisite |
| | | L E C | L A B | | | | L E C | L A B | |
| IS 411 | Evaluation of Business Performance | 3 | | | IS 421 | Capstone 2 | 2 | 1 | Reg. 4 th Yr. Level |
| IS 412 | Capstone 1 | 2 | 1 | ProE 6 | TOTAL | | 3 | | |
| ProE 7 | Certification Review, Training and Seminar 1 | 2 | 1 | | | | | | |
| TOTAL | | 9 | | | | | | | |