Outcome Based Education (OBE) Curriculum

**BACHELOR OF SCIENCE IN INFORMATION SYSTEM  
Revised Curriculum**

*Academic Year 2024-2025*

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| **CURRICULUM DESCRIPTION** |

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| **COURSE**  **Bachelor of Science in Information System** | **Required Minimum Number as per CMO. No 25, series of 2015** | **Total** |
| General Education | 36 | 42 |
| Common Courses | 18 | 18 |
| Professional Courses | 48 | 57 |
| Professional Electives | 12 | 15 |
| PE | 8 | 8 |
| NSTP | 6 | 6 |
| Minimum Total Units | 128 | 146 |

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| 1. **General Education** | | **27** |
| Purposive Communication | 3 |  |
| The Contemporary Word | 3 |  |
| Art Appreciation | 3 |  |
| Understanding the Self | 3 |  |
| Mathematics in the Modern world | 3 |  |
| Ethics | 3 |  |
| Readings in the Philippine History | 3 |  |
| Life and Works of Rizal | 3 |  |
| Science, Technology and Society | 3 |  |
| 1. **General Education Electives** |  | **9** |
| Mathematics, Science & Technology (Living in the IT Era) | 3 |  |
| Social Science and Philosophy ( Philippine Indigenous Communities) | 3 |  |
| Arts & Humanities (Peace Studies and Education) | 3 |  |
| 1. **Others General Education Courses Prescribed by the Institution** |  | **6** |
| Fundamentals of Accounting | 3 |  |
| Fundamentals of Entrepreneurship | 3 |  |

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| --- | --- | --- | --- |
| **COMMON COURSES** | | | **18** |
| CC 101 | Introductions to Computing | 3 |  |
| CC 102 | Computer Programming 1 | 3 |  |
| CC 103 | Computer Programming 2 | 3 |  |
| CC 104 | Data Structures and Algorithms | 3 |  |
| CC 105 | Information Management | 3 |  |
| CC 106 | Application Development and Emerging Technologies | 3 |  |

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| **B.   PROFESSIONAL COURSES** | | | **57** |
| IS 101 | Fundamentals of Information System | 3 |  |
| IS 102 | Professional Issues in Information System | 3 |  |
| IS 103 | IT Infrastructure & Network Technologies | 3 |  |
| IS 104 | System Analysis & Design | 3 |  |
| IS 105 | Enterprise Architecture | 3 |  |
| IS 106 | IS Project Management 1 | 3 |  |
| IS 107 | IS Strategy, Management & Acquisition | 3 |  |
| DM 101 | Organization & Management Concepts | 3 |  |
| DM 102 | Financial Management | 3 |  |
| DM 103 | Business Process Management | 3 |  |
| DM 104 | Evaluation of Business Performance | 3 |  |
| QUAMET | Quantitative Method | 3 |  |
| CAP 101 | Capstone Project 1 | 3 |  |
| CAP 102 | Capstone Project 2 | 3 |  |
| PRAC 101 | Practicum for Information System | 6 |  |
| ISP100 | IT Software Solution for Business | 3 |  |
| SE 101 | Software Engineering | 3 |  |
| SEMTOUR | Seminar and Tours | 3 |  |

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| **C.  PROFESSIONAL ELECTIVES** | | | **15** |
| ADV 02 | Human Computer Interaction | 3 |  |
| ADV 03 | IT Audit & Controls | 3 |  |
| ADV 05 | IT Security & Management | 3 |  |
| ADV 07 | IS Project Management 2 | 3 |  |
| ADV 08 | Data Mining | 3 |  |

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| --- | --- | --- | --- |
| 1. **PHYSICAL EDUCATION** | | | **8** |
| PE 1 (PATHFIT 1) | Movement Competency Training (MCT) | 2 |  |
| PE 2 (PATHFIT 2) | Exercise-based Fitness Activities | 2 |  |
| PE 3 (PATHFIT 3) | Dance (Folk Dance) | 2 |  |
| PE 4 (PATHFIT 4) | Sports (Volleyball/Basketball) | 2 |  |

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| 1. **NSTP** | |  | **6** |
| NSTP 1 | Civil Welfare and Training Service 1 | 3 |  |
| NSTP 2 | Civil Welfare and Training Service 2 | 3 |  |

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*Academic Year 2024-2025*

**PROGRAM OF STUDY**

**FIRST YEAR**

**First Semester**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | | **COURSE TITLE** | **LEC UNIT(S)** | **LAB**  **UNIT(S)** | **UNIT(S)** | **PRE-**  **REQUISITES** |
| English 1 | | Purposive Communication | 3 | 0 | 3 |  |
| Math 1 | | Mathematics in the Modern World | 3 | 0 | 3 |  |
| Literature 1 | | The Contemporary World | 3 | 0 | 3 |  |
| CC 101 | | Introduction to Computing | 2 | 1 | 3 |  |
| CC 102 | | Computer Programming 1 | 2 | 1 | 3 | None |
| ISP 100 | | IT Software Solutions for Business | 2 | 1 | 3 | None |
| PE 1 (PATHFIT 1) | | Movement Competency Training –(MCT) | 2 | 0 | (2) |  |
| NSTP 1 | | Civil Welfare and Training Service | 3 | 0 | (3) |  |
|  |  | | 20 | 3 | 23 |  |

**Second Semester**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | | **COURSE TITLE** | **LEC UNIT(S)** | **LAB UNIT(S)** | **UNIT(S)** | **PRE-**  **REQUISITES** |
| Philo 1 | | Understanding the Self | 3 | 0 | 3 |  |
| GE. Elec. 1 | | Mathematics, Science & Technology (Living in the IT Era) | 3 | 0 | 3 |  |
| ADV 02 | | Human Computer Interaction | 2 | 1 | 3 | CC 102 |
| CC 103 | | Computer Programming 2 | 2 | 1 | 3 | CC 102 |
| DM 101 | | Organization & Management Concepts | 3 | 0 | 3 | CC 101 |
| PE 2 (PATHFIT 2) | | Exercise-based Fitness Activities | 2 | 0 | 2 | PE 1 |
| NSTP 2 | | Civil Welfare and Training Service | 3 | 0 | 3 |  |
|  |  | | 18 | 2 | 20 |  |

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**BACHELOR OF SCIENCE IN INFORMATION SYSTEM**

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*Academic Year 2024-2025*

**SECOND YEAR**

**First Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | **COURSE TITLE** | **LEC UNIT(S)** | **LAB**  **UNIT(S)** | **UNIT(S)** | **PRE-**  **REQUISITES** |
| History 1 | Readings in the Philippine History | 3 | 0 | 3 |  |
| Social Science 1 | Life and Works of Rizal | 3 | 0 | 3 |  |
| CC 104 | Data Structure & Algorithm | 2 | 1 | 3 | CC 103 |
| CC 105 | Information Management | 3 | 0 | 3 | CC 103 |
| IS 101 | Fundamentals of Information System | 2 | 1 | 3 | CC 101 |
| IS 102 | Professional Issues in Information System | 3 | 0 | 3 | CC 101 |
| IS 103 | IT Infrastructure & Network Technologies | 2 | 1 | 3 | CC 101 |
| PE 3 (PATHFIT 3) | Dance (Folk Dance) | 2 | 0 | (2) | PE 2 |
|  |  | 20 | 3 | 23 |  |

**Second Semester**

|  |  |  |  |  |  |
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| **COURSE CODE** | **COURSE TITLE** | **LEC UNIT(S)** | **LAB**  **UNIT(S)** | **UNIT(S)** | **PRE-**  **REQUISITES** |
| Humanities | Art Appreciation | 3 | 0 | 3 |  |
| Ethics | Ethics | 3 | 0 | 3 |  |
| GE Elec. 2 | Social Science and Philosophy (Philippine Indigenous Communities) | 3 | 0 | 3 |  |
| Accounting | Fundamentals of Accounting | 3 | 0 | 3 |  |
| ADV 03 | IT Audit & Controls | 3 | 0 | 3 |  |
| DM 102 | Financial Management | 3 | 0 | 3 | DM 101 |
| IS 104 | System Analysis & Design | 2 | 1 | 3 |  |
| PE 4 (PATHFIT 4) | Sports (Volleyball/Basketball) | 2 | 0 | (2) | PE3 |
|  |  | 22 | 1 | 23 |  |

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*Academic Year 2024-2025*

**THIRD YEAR**

**First Semester**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | | **COURSE TITLE** | **LEC UNIT(S)** | **LAB UNIT(S)** | **UNIT(S)** | **PRE-**  **REQUISITES** |
| ENTREP | | Fundamentals of Entrepreneurship | 3 | 0 | 3 |  |
| SOCSCI | | Science, Technology and Society | 3 | 0 | 3 |  |
| GE Elec. 3 | | Arts & Humanities (Peace Studies and Education) | 3 | 0 | 3 |  |
| SE 101 | | Software Engineering | 2 | 1 | 3 | IS 104 |
| IS 106 | | IS Project Management 1 | 2 | 1 | 3 | IS 104 |
| DM 103 | | Business Process Management | 3 | 0 | 3 | DM 102 |
| IS 105 | | Enterprise Architecture | 2 | 1 | 3 | IS 103 |
| ADV 05 | | IT Security & Management | 2 | 1 | 3 |  |
|  |  | | 20 | 4 | 24 |  |

**Second Semester**

|  |  |  |  |  |  |  |
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| **COURSE CODE** | | **COURSE TITLE** | **LEC UNIT(S)** | **LAB UNIT(S)** | **UNIT(S)** | **PRE-**  **REQUISITES** |
| CAPS 101 | | IS Capstone Project 1 | 2 | 1 | 3 | ADV 07 |
| ADV 07 | | IS Project Management 2 | 2 | 1 | 3 | IS 102 |
| ADV 08 | | Data Mining | 2 | 1 | 3 | IS 104 |
| DM 104 | | Evaluation of Business Performance | 3 | 0 | 3 | DM 103 |
| QUAMET | | Quantitative Methods | 3 | 0 | 3 |  |
| SemTour | | Seminar and Tours | 3 | 0 | 3 |  |
|  |  | | 15 | 3 | 18 |  |

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**FOURTH YEAR**

**First Semester**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | | **COURSE TITLE** | **LEC UNIT(S)** | **LAB**  **UNIT(S)** | **UNIT(S)** | **PRE-**  **REQUISITES** |
| CAPS 102 | | IS Capstone Project 2 | 2 | 1 | 3 | Capstone 1 |
| IS 107 | | IS Strategy, Management & Acquisition | 2 | 1 | 3 | IS 104 |
|  |  | | 4 | 2 | 6 |  |

**Second Semester**

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| --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | **COURSE TITLE** | **LEC UNIT(S)** | **LAB UNIT(S)** | **UNIT(S)** | **PRE-**  **REQUISITES** |
| CC 106 | Application Development & Emerging Technologies | 2 | 1 | 3 |  |
| PRAC. 101 | Practicum (486 Hours) | 6 | 0 | 6 |  |
|  |  | 8 | 1 | 9 |  |

*PREPARED BY: NOTED BY: REVIEWED BY: NOTED BY:*

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