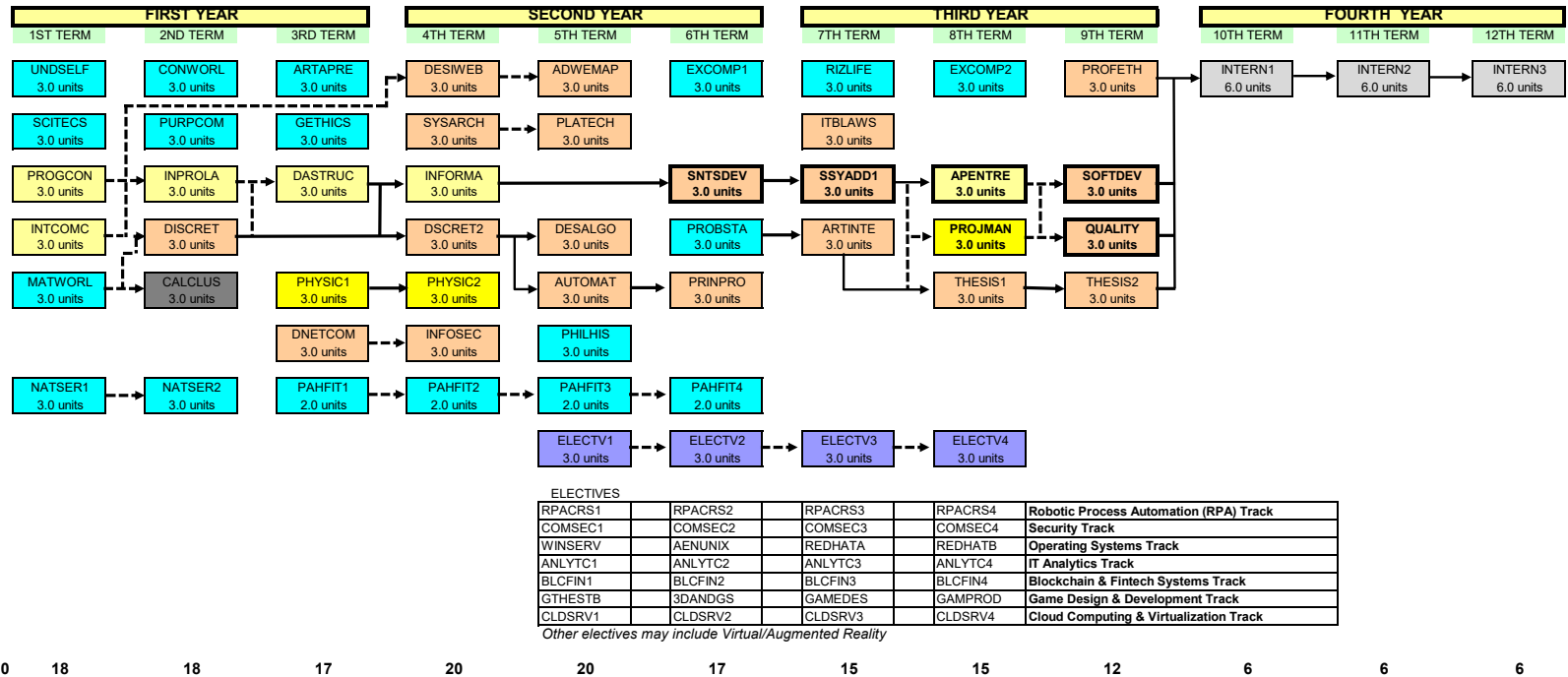




# BACHELOR OF SCIENCE IN COMPUTER SCIENCE

## BSCS

2026-2027



Note \* ☐ courses in heavily outlined boxes are under Project-Based Learning (PBL)

PREPARED BY: Roselle Wednesday Gardon  
Program Director, Computer Science

APPROVED BY: Rhea-Luz R. Valbuena  
Executive Director, School of Computing & Information Technologies



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| GENERAL EDUCATION |                                 |                 |
|-------------------|---------------------------------|-----------------|
| ARTAPRE           | ART APPRECIATION                | 3 units         |
| CONWORL           | THE CONTEMPORARY WORLD          | 3 units         |
| GETHICS           | ETHICS                          | 3 units         |
| MATWORL           | MATHEMATICS IN THE MODERN WORLD | 3 units         |
| PHILHIS           | READINGS IN PHILIPPINE HISTORY  | 3 units         |
| PURPCOM           | PURPOSIVE COMMUNICATION         | 3 units         |
| SCITECS           | SCIENCE, TECHNOLOGY & SOCIETY   | 3 units         |
| UNDESELF          | UNDERSTANDING THE SELF          | 3 units         |
|                   |                                 | <b>24 units</b> |

| GE ELECTIVES |                                              |                |
|--------------|----------------------------------------------|----------------|
| PROBSTA*     | PROBABILITY AND STATISTICS FOR DATA ANALYSIS | 3 units        |
| EXCOMP1**    | EXTENSIVE COMPETENCY COMMUNICATION PROGRAM 1 | 3 units        |
| EXCOMP2***   | EXTENSIVE COMPETENCY COMMUNICATION PROGRAM 2 | 3 units        |
|              |                                              | <b>9 units</b> |

\* Mathematics, Science & Technology Domain

\*\* Social Sciences & Philosophy Domain

\*\*\* Arts & Humanities Domain

| REQUIRED COURSE/S |                             |                |
|-------------------|-----------------------------|----------------|
| RIZLIFE           | THE LIFE AND WORKS OF RIZAL | 3 units        |
|                   |                             | <b>3 units</b> |

| PHYSICAL EDUCATION |                                                 |                |
|--------------------|-------------------------------------------------|----------------|
| PAHFIT1            | PHYSICAL ACTIVITIES TOWARD HEALTH AND FITNESS 1 | 2 units        |
| PAHFIT2            | PHYSICAL ACTIVITIES TOWARD HEALTH AND FITNESS 2 | 2 units        |
| PAHFIT3            | PHYSICAL ACTIVITIES TOWARD HEALTH AND FITNESS 3 | 2 units        |
| PAHFIT4            | PHYSICAL ACTIVITIES TOWARD HEALTH AND FITNESS 4 | 2 units        |
|                    |                                                 | <b>8 units</b> |

| NATIONAL SERVICE |                   |                |
|------------------|-------------------|----------------|
| NATSER1          | NATIONAL SERVICE1 | 3 units        |
| NATSER2          | NATIONAL SERVICE2 | 3 units        |
|                  |                   | <b>6 units</b> |

| AUGMENTED COURSES |                    |                |
|-------------------|--------------------|----------------|
| PHYSIC1           | PHYSICS FOR CS 1   | 3 units        |
| PHYSIC2           | PHYSICS FOR CS 2   | 3 units        |
| PROJMAN           | PROJECT MANAGEMENT | 3 units        |
|                   |                    | <b>9 units</b> |

| ADDITIONAL MATH REQUIREMENT |                                    |                |
|-----------------------------|------------------------------------|----------------|
| CALCLUS                     | DIFFERENTIAL AND INTEGRAL CALCULUS | 3 units        |
|                             |                                    | <b>3 units</b> |

| COMMON COURSES |                                        |                 |
|----------------|----------------------------------------|-----------------|
| INTCOMC        | INTRODUCTION TO COMPUTING FOR CS / IT  | 3 units         |
| PROGCON        | PROGRAMMING CONCEPTS & LOGIC           | 3 units         |
| INPROLA        | INTRODUCTION TO PROGRAMMING LANGUAGES  | 3 units         |
| DASTRUC        | DATA STRUCTURES                        | 3 units         |
| INFORMA        | INFORMATION MANAGEMENT                 | 3 units         |
| APENTRE        | APPLIED PROJECT WITH TECHNOPRENEURSHIP | 3 units         |
|                |                                        | <b>18 units</b> |

| PROFESSIONAL COURSES |                                                |                 |
|----------------------|------------------------------------------------|-----------------|
| DISCRET              | DISCRETE MATHEMATICS                           | 3 units         |
| DNETCOM              | NETWORK SECURITY, STORAGE & DATA COMMUNICATION | 3 units         |
| DESIWEB              | UI/UX/HAX DESIGN & WEB PROGRAMMING             | 3 units         |
| SYSARCH              | SYSTEMS INTEGRATION & ARCHITECTURE             | 3 units         |
| DSCRET2              | DISCRETE MATHEMATICS 2                         | 3 units         |
| INFOSEC              | INFORMATION SECURITY                           | 3 units         |
| ADWEMAP              | ADVANCED WEB & MOBILE APP DEVELOPMENT          | 3 units         |
| PLATECH              | PLATFORM TECHNOLOGIES                          | 3 units         |
| DESALGO              | DESIGN AND ANALYSIS OF ALGORITHMS              | 3 units         |
| AUTOMAT              | AUTOMATA THEORY                                | 3 units         |
| SNTSDEV              | INTRODUCTION TO SYSTEMS AND DESIGN             | 3 units         |
| PRINPRO              | PRINCIPLES OF PROGRAMMING LANGUAGES            | 3 units         |
| ITBLAWS              | IT AND BUSINESS LAWS                           | 3 units         |
| SSYADD1              | SYSTEMS ANALYSIS AND DETAILED DESIGN           | 3 units         |
| ARTINTE              | ARTIFICIAL INTELLIGENCE                        | 3 units         |
| PROFETH              | Professional Ethics                            | 3 units         |
| SOFTDEV              | SOFTWARE DEVELOPMENT                           | 3 units         |
| QUALITY              | SOFTWARE QUALITY MANAGEMENT                    | 3 units         |
| THESIS1              | THESIS WRITING 1                               | 3 units         |
| THESIS2              | THESIS WRITING 2 AND PRESENTATION              | 3 units         |
|                      |                                                | <b>60 units</b> |

| INTERNSHIP |              |                 |
|------------|--------------|-----------------|
| INTERN1    | INTERNSHIP 1 | 6 units         |
| INTERN2    | INTERNSHIP 2 | 6 units         |
| INTERN3    | INTERNSHIP 3 | 6 units         |
|            |              | <b>18 units</b> |

| PROFESSIONAL ELECTIVES |            |                 |
|------------------------|------------|-----------------|
| ELECTV1                | ELECTIVE 1 | 3 units         |
| ELECTV2                | ELECTIVE 2 | 3 units         |
| ELECTV3                | ELECTIVE 3 | 3 units         |
| ELECTV4                | ELECTIVE 4 | 3 units         |
|                        |            | <b>12 units</b> |

| ELECTIVES: ROBOTIC PROCESS AUTOMATION TRACK |                |         |
|---------------------------------------------|----------------|---------|
| RPACRS1                                     | RPA PRIMER     | 3 units |
| RPACRS2                                     | RPA ESSENTIALS | 3 units |
| RPACRS3                                     | RPA ADVANCE    | 3 units |
| RPACRS4                                     | RPA SOLUTION   | 3 units |

| ELECTIVES: OPERATING SYSTEMS TRACK |                            |         |
|------------------------------------|----------------------------|---------|
| WINSERV                            | WINDOWS SERVER             | 3 units |
| AENUNIX                            | ADVANCED & ENTERPRISE UNIX | 3 units |
| REDHATA                            | RED HAT TOPICS A           | 3 units |
| REDHATB                            | RED HAT TOPICS B           | 3 units |

| ELECTIVES: GAME DESIGN & DEVELOPMENT TRACK |                                |         |
|--------------------------------------------|--------------------------------|---------|
| GTHESTB                                    | GAME THEORY & STORYBOARDING    | 3 units |
| 3DANDGS                                    | 3D ANIMATION AND DIGITAL SOUND | 3 units |
| GAMEDES                                    | GAME DESIGN & DEVELOPMENT      | 3 units |
| GAMPROD                                    | GAME PRODUCTION                | 3 units |

| ELECTIVES: SECURITY TRACK |                     |         |
|---------------------------|---------------------|---------|
| COMSEC1                   | COMPUTER SECURITY 1 | 3 units |
| COMSEC2                   | COMPUTER SECURITY 2 | 3 units |
| COMSEC3                   | COMPUTER SECURITY 3 | 3 units |
| COMSEC4                   | COMPUTER SECURITY 4 | 3 units |

| ELECTIVES: BLOCKCHAIN & FINTECH SYSTEMS TRACK |                        |         |
|-----------------------------------------------|------------------------|---------|
| BLCFIN1                                       | BLOCKCHAIN & FINTECH 1 | 3 units |
| BLCFIN2                                       | BLOCKCHAIN & FINTECH 1 | 3 units |
| BLCFIN3                                       | BLOCKCHAIN & FINTECH 1 | 3 units |
| BLCFIN4                                       | BLOCKCHAIN & FINTECH 1 | 3 units |

| ELECTIVES: IT BUSINESS ANALYTICS TRACK |                                            |         |
|----------------------------------------|--------------------------------------------|---------|
| ANLYTC1                                | FUNDAMENTALS OF BUSINESS ANALYTICS         | 3 units |
| ANLYTC2                                | FUNDAMENTALS OF ENTERPRISE DATA MANAGEMENT | 3 units |
| ANLYTC3                                | FUNDAMENTALS OF ANALYTICS MODELING         | 3 units |
| ANLYTC4                                | ANALYTICS TECHNIQUES, TOOLS & APPLICATION  | 3 units |

| ELECTIVES: CLOUD COMPUTING & VIRTUALIZATION TRACK |                 |         |
|---------------------------------------------------|-----------------|---------|
| CLDSRV1                                           | CLOUD SERVICE 1 | 3 units |
| CLDSRV2                                           | CLOUD SERVICE 2 | 3 units |
| CLDSRV3                                           | CLOUD SERVICE 3 | 3 units |
| CLDSRV4                                           | CLOUD SERVICE 4 | 3 units |