## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGYANNUAL ASSESSMENT PLAN & FINDINGS
## 2019 -2020 ACADEMIC YEAR

### *2019 – 2020 CURRICULUM MAP*

| | PLO 1 — Analyze a complex computing problem and to apply principals of computing and other relevant disciplines to identify solutions. | PLO 2 — Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline. | PLO 3 — Communicate effectively in a variety of professional contexts. | PLO 4 — Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles. | PLO 5 — Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline. | PLO 6 — Identify and analyze user needs and to take them into account in the selection, creation, integration, evaluation, and administration of computer-based systems. [IT] |
|---|---|---|---|---|---|---|
| MAT 232: Statistical Literacy | I | | I | | | |
| ECO 203: Principles of Macroeconomics | R | | R | | | |
| ENG 328: Scientific & Technical Writing | R | | R | | | |
| INT 100: Fundamentals of Information Technology & Literacy | R | | R | | | I |
| CPT 200: Fundamentals of Programming Languages | R | I | R | | | R |
| CPT 301: Computer Organization & Architecture | R | | R | | | |
| CPT 304: Operating Systems Theory & Design | R | | R | | | |
| CPT 307: Data Structures, Algorithms, & Designs | R | R | R | | | R |
| INT 301: Computer Networking | R | | R | | | R |
| CPT 310: Database Systems & Management | R | R | R | | | R |
| CYB 300: System Administration & Security | R | | R | I | I | R |

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|---|---|---|---|---|---|---|
| *CST 301: Software Technology & Design* | R | R | R | | | R |
| *TMG 300: Scrum Basics* | R | | R | R | R | |
| *INT 302: Programming with C++* | R | R | R | | | R |
| *INT 303: Human Computer Interaction* | R | | | R | | R |
| *INT 304: Web Design & Development* | R | R | R | R | | R |
| *INT 305: Mobile Application Design & Development* | R | R | R | | | R |
| *INT 401: Information Technology Strategy & Management* | R | | R | R | | R |
| *INT 499: Capstone for Information Technology* | M | M | M | M | M | M |

**I** (Introduced), **R** (Reinforced), or **M** (Mastered).

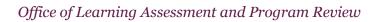| ANNUAL ASSESSMENT PLAN FINDINGS | | | | | |
|---|---|---|---|---|---|
| PLO 1 - Analyze a complex computing problem and to apply principals of computing and other relevant disciplines to identify solutions. | | | | | |
| MEASURE | ACCEPTABLE TARGET | TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET | TOTAL NUMBER OF STUDENT RECORDS OBSERVED | ASSESSMENT RESULTS: PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET | ASSESSMENT RESULTS: 1. EXCEEDS THE ACCEPTABLE TARGET 2. MEETS THE ACCEPTABLE TARGET 3. DOES NOT MEET THE ACCEPTABLE TARGET 4. INSUFFICIENT DATA |
| Direct Measure 1: INT 301 Final Assignment | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | 369 | 411 | 89.78% | 1. EXCEEDS THE ACCEPTABLE TARGET |

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| Direct Measure 2: INT 499 Final Assignment | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | 20 | 20 | 100.00% | 1. EXCEEDS THE ACCEPTABLE TARGET |

**PLO 2 - Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.**

| MEASURE | ACCEPTABLE TARGET | TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET | TOTAL NUMBER OF STUDENT RECORDS OBSERVED | ASSESSMENT RESULTS: PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET | ASSESSMENT RESULTS: 1. EXCEEDS THE ACCEPTABLE TARGET 2. MEETS THE ACCEPTABLE TARGET 3. DOES NOT MEET THE ACCEPTABLE TARGET 4. INSUFFICIENT DATA |
|---|---|---|---|---|---|
| | | | | | |

| Direct Measure 1: INT 302 Week 2 Assignment | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | 268 | 320 | 83.75% | 1. EXCEEDS THE ACCEPTABLE TARGET |
|---|---|---|---|---|---|
| Direct Measure 2: INT 302 Final Assignment | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | 131 | 144 | 90.97% | 1. EXCEEDS THE ACCEPTABLE TARGET |
| Direct Measure 3: INT 499 Final Assignment | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | 36 | 36 | 100.00% | 1. EXCEEDS THE ACCEPTABLE TARGET |

**PLO 3 - Communicate effectively in a variety of professional contexts.**

| MEASURE | ACCEPTABLE TARGET | TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET | TOTAL NUMBER OF STUDENT RECORDS OBSERVED | ASSESSMENT RESULTS: PERCENTAGE OF STUDENT RECORDS MEETING | ASSESSMENT RESULTS: 1. EXCEEDS THE ACCEPTABLE TARGET |
|---|---|---|---|---|---|

| | | | | ACCEPTABLE TARGET | 2. MEETS THE ACCEPTABLE TARGET<br><br>3. DOES NOT MEET THE ACCEPTABLE TARGET<br><br>4. INSUFFICIENT DATA |
|---|---|---|---|---|---|
| Direct Measure 1: TMG 300 Final Assignment | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | N/A | N/A | N/A | 4. INSUFFICIENT DATA |
| Direct Measure 2: INT 499 Final Assignment | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | 28 | 28 | 100.00% | 1. EXCEEDS THE ACCEPTABLE TARGET |
| **PLO 4 - Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.** | | | | | |
| **MEASURE** | **ACCEPTABLE TARGET** | **TOTAL NUMBER OF STUDENT** | **TOTAL NUMBER OF** | | **1. EXCEEDS THE ACCEPTABLE TARGET** |

| | | RECORDS MEETING ACCEPTABLE TARGET | STUDENT RECORDS OBSERVED | ASSESSMENT RESULTS: <br><br>PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET | 2. MEETS THE ACCEPTABLE TARGET <br><br>3. DOES NOT MEET THE ACCEPTABLE TARGET <br><br>4. INSUFFICIENT DATA |
|---|---|---|---|---|---|
| Direct Measure 1: INT 304 Final Assignemnt | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | 33 | 35 | 94.29% | 1. EXCEEDS THE ACCEPTABLE TARGET |
| Direct Measure 2: INT 499 Final Assignment | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | 12 | 12 | 100.00% | 1. EXCEEDS THE ACCEPTABLE TARGET |
| **PLO 5 - Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.** | | | | | |
| MEASURE | ACCEPTABLE TARGET | TOTAL NUMBER OF STUDENT RECORDS MEETING | TOTAL NUMBER OF STUDENT | ASSESSMENT RESULTS: | ASSESSMENT RESULTS: |

| | | ACCEPTABLE TARGET | RECORDS OBSERVED | PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET | 1. EXCEEDS THE ACCEPTABLE TARGET<br><br>2. MEETS THE ACCEPTABLE TARGET<br><br>3. DOES NOT MEET THE ACCEPTABLE TARGET<br><br>4. INSUFFICIENT DATA |
|---|---|---|---|---|---|
| Direct Measure 1: TMG 300 Final Assignment | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | N/A | N/A | N/A | 4. INSUFFICIENT DATA |
| Direct Measure 2: INT 499 Final Assignment | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | 16 | 16 | 100.00% | 1. EXCEEDS THE ACCEPTABLE TARGET |
| **PLO 6 - Identify and analyze user needs and to take them into account in the selection, creation, integration, evaluation, and administration of computer-based systems. [IT]** | | | | | |

| MEASURE | ACCEPTABLE TARGET | TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET | TOTAL NUMBER OF STUDENT RECORDS OBSERVED | ASSESSMENT RESULTS: PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET | ASSESSMENT RESULTS: 1. EXCEEDS THE ACCEPTABLE TARGET 2. MEETS THE ACCEPTABLE TARGET 3. DOES NOT MEET THE ACCEPTABLE TARGET 4. INSUFFICIENT DATA |
|---|---|---|---|---|---|
| Direct Measure 1: INT 303 Final Assignment | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | 291 | 291 | 100.00% | 1. EXCEEDS THE ACCEPTABLE TARGET |
| Direct Measure 2: INT 499 Final Assignment | 70% of BS Information Technology students must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO. | 16 | 16 | 100.00% | 1. EXCEEDS THE ACCEPTABLE TARGET |

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| OVERALL RECOMMENDATIONS |
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| *Given the numerous changes that occurred during the 2019-20 academic year, program leads and faculty will monitor the 2019-20 data in conjunction with the 2020-21 academic year data.* |