

# SILLIMAN UNIVERSITY DUMAGUETE CITY

School/College: COLLEGE OF BUSINESS ADMINISTRATION, SILLIMAN UNIVERSITY

Program Name: Curriculum Year: BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION major in BUSINESS ANALYTICS

\*\*REVISED EFFECTIVE SY 2022-2023\*\*

\*\*FOR ABM TRACK\*\*

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#### FIRST YEAR

|              | First Semester                                  | •     |     |    |              | Second Semester |                                                |       |     |    |              |  |
|--------------|-------------------------------------------------|-------|-----|----|--------------|-----------------|------------------------------------------------|-------|-----|----|--------------|--|
| Subject Code | Course Title                                    | Units | PG  | FG | Prerequisite | Subject Code    | Course Title                                   | Units | PG  | FG | Prerequisite |  |
| ISB 11C      | IT Applications Tools for Business              | 3     | 2.0 |    |              | BA-AN 12P       | Introduction to Programming with Python / R    | 3     | 2.0 |    | ISB 11C      |  |
| GE 1         | Understanding Self                              | 3     | 1.0 |    |              | CFMA            | Course on Financial Markets<br>Analysis        | 3     | 2.0 |    |              |  |
| GE 2         | Readings in Philippine History                  | 3     | 1.0 |    |              | GE 5            | Purposive Communication                        | 3     | 1.0 |    |              |  |
| GE 3         | The Contemporary World                          | 3     | 1.0 |    |              | GE 6            | Art Appreciation                               | 3     | 1.0 |    |              |  |
| GE 4         | Mathematics in the Modern World                 | 3     | 1.0 |    |              | GE 7            | Science, Technology & Society                  | 3     | 1.0 |    |              |  |
| CHS 1        | Reading and Interpretation of Hebrew Scriptures | 3     | 1.0 |    |              | GE 8            | Ethics                                         | 3     | 1.0 |    |              |  |
| PE 1         | Physical Fitness & Swimming                     | 2     | 1.0 |    |              | CHS 2           | Reading & Interpreting<br>Christian Scriptures | 3     | 1.0 |    | CHS 1        |  |
| NSTP 1       | National Service Training Program               | 3     | 1.0 |    |              | PE 2            | Physical Education                             | 2     | 1.0 |    | PE 11        |  |
| PEP 1        | Personality Enhancement Program                 | 0     | S   |    |              | NSTP 2          | National Service Training<br>Program           | 3     | 1.0 |    | NSTP 1       |  |
|              |                                                 |       |     |    |              | PEP 2           | Personality Enhancement<br>Program             | 0     | s   |    |              |  |
|              | TOTAL                                           | 23    |     |    |              |                 | TOTAL                                          | 26    |     |    |              |  |

The passing grade is "1.0". However, in order to progress to the next level, a cut-off grade of "2.0" is required in ISB 11C (First Semester); BA-AN 12P and CFMA (Second Semester).

#### SECOND YEAR

|              | First Semest                           | Second Semester |     |    |              |              |                                                           |       |     |    |                                       |
|--------------|----------------------------------------|-----------------|-----|----|--------------|--------------|-----------------------------------------------------------|-------|-----|----|---------------------------------------|
| Subject Code | Course Title                           | Units           | PG  | FG | Prerequisite | Subject Code | Course Title                                              | Units | PG  | FG | Prerequisite                          |
| BA 1         | Managerial Accounting                  | 3               | 1.0 |    |              | BA-AN 22P    | Introduction to Business<br>Analytics                     | 3     | 2.0 |    | ISB 21C                               |
| BA 21C       | Basic Microeconomics                   | 3               | 2.0 |    |              | BA-FM 21C    | Financial Management                                      | 3     | 2.0 |    | BA 1                                  |
| BA-AN 21P    | Quantitative Techniques in<br>Business | 3               | 2.0 |    | GE 4         | BA-OM 24C    | Project Management                                        | 3     | 2.0 |    | BA-AN 21P,BA<br>21C, BA 1, ISB<br>21C |
| BLT 1        | Obligation & Contracts                 | 3               | 2.0 |    |              | BLT 2        | Income & Business Taxation                                | 3     | 2.0 |    | BLT 1                                 |
| CAEA         | Course on Advanced Equity<br>Analysis  | 3               | 2.0 |    | CFMA         | CATA         | Course on Advancrd<br>Technical Analysis                  | 3     | 2.0 |    | CAEA                                  |
| ISB 21C      | Database Management Systems            | 3               | 2.0 |    | BA-AN 12P    | ISB 22C      | Accounting Information<br>System                          | 3     | 2.0 |    | ISB 21C                               |
| GE 9         | The Life & Works of Jose Rizal         | 3               | 1.0 |    |              | GE 11A       | Free Elective (SINESOS/IT,<br>Environmental Science, etc) | 3     | 1.0 |    |                                       |
| GE 10A       | Whole Person Education                 | 3               | 1.0 |    |              | GE 12/CHS 3  | Ethics of the Christian Faith                             | 3     | 1.0 |    | CHS 2                                 |
| PE 3         | Physical Education                     | 2               | 1.0 |    | PE 2         | PE 4         | Physical Education                                        | 2     | 1.0 |    | PE 3                                  |
|              | TOTAL                                  | 26              |     |    |              |              | TOTAL                                                     | 26    |     |    |                                       |

The passing grade is "1.0". However, in order to progress to the next level, a cut-off grade of "2.0" is required in BA 21C, BA-AN 21P, BLT 1, CAEA and ISB 21C (First Semester); BA-AN 22P, BA-FM 21C, BA-OM 24C, BLT 2, CATA and ISB 22C (Second Semester).

#### THIRD YEAR

|              | First Semester                             | Second Semester |     |    |                  |              |                                                      |       |     |    |                          |
|--------------|--------------------------------------------|-----------------|-----|----|------------------|--------------|------------------------------------------------------|-------|-----|----|--------------------------|
| Subject Code | Course Title                               | Units           | PG  | FG | Prerequisite     | Subject Code | Course Title                                         | Units | PG  | FG | Prerequisite             |
| BA 2         | Operations Management (TQM)                | 3               | 2.0 |    |                  | BA 32C       | Business Research                                    | 3     | 2.0 |    |                          |
| BA 3         | Human Behavior in Organization             | 3               | 2.0 |    |                  | BA 4         | Strategic Management                                 | 3     | 2.0 |    |                          |
| BA 31C       | Good Governance & Social<br>Responsibility | 3               | 2.0 |    |                  | BA-AN 32P    | Fundamentals of Predictive<br>Analytics              | 3     | 2.0 |    | BA-AN 33P, BA-<br>AN 35P |
| BA 33C       | Human Resource Management                  | 3               | 2.0 |    |                  | BA-AN 34P    | Thesis/Capstone                                      | 6     | 2.0 |    | *Junior Standing         |
| BA 35C       | International Business Agreements          | 3               | 2.0 |    | BLT 2            | IBA-AN EL 1  | Professional Eleftive 1<br>(Enterprise Resource Mgt) | 3     | 2.0 |    | *Junior Standing         |
| BA-AN 31P    | Advanced Statisitics                       | 3               | 2.0 |    | *Junior Standing | IBA-AN EL 2  | Professional Elective 2<br>(Customer Analytics)      | 3     | 2.0 |    | *Junior Standing         |
| BA-AN 33P    | Fundamentals in Data<br>Warehousing        | 3               | 2.0 |    | *Junior Standing | RMA          | Risk Management Analysis                             | 3     | 2.0 |    | *Junior Standing         |
| BA-AN 35P    | Fundamentals in Descriptive<br>Analytics   | 3               | 2.0 |    | *Junior Standing |              |                                                      |       |     |    |                          |
|              | TOTAL                                      | 24              |     |    |                  |              | TOTAL                                                | 24    |     |    |                          |

The passing grade is "1.0". However, in order to progress to the next level, a cut-off grade of "2.0" is required in BA 2, BA 3, BA 31C, BA 33C, BA 35C, BA-AN 31P, BA-N 33P and BA-AN 35P (First Semester); BA 32C, BA 4, BA-AN 32P, BA-AN 34P, BA-AN EL 1, BA-AN EL 2 and RMA (Second Semester).

\*Junior Standing = PASSED in all BA, Core and Professional subjects in the sophomore year.

#### FOURTH YEAR

|              |              | First Semester |    | Second Semester |              |              |         |      |              |
|--------------|--------------|----------------|----|-----------------|--------------|--------------|---------|------|--------------|
| Subject Code | Course Title | Units PG F     | FG | Prerequisite    | Subject Code | Course Title | Units P | G FG | Prerequisite |

| BA-AN 41P  | Fundamentals of Prescriptive<br>Analytics                   | 3  | 2.0 | *Senior Standing | PRACT | Analytics Internship, 600 hrs | 6 | 2.0 | COMPLETED and<br>PASSED All Prior<br>Subjects |
|------------|-------------------------------------------------------------|----|-----|------------------|-------|-------------------------------|---|-----|-----------------------------------------------|
| IRA.AN 43P | Simulation Modeling and Analysis for Business               | 3  | 2.0 | *Senior Standing |       |                               |   |     |                                               |
| BA-AN 45P  | Marketing Analytics                                         | 3  | 2.0 | *Senior Standing |       |                               |   |     |                                               |
| BA-AN EL 3 | Professional Elective 3 (Big Data<br>Application)           | 3  | 2.0 | *Senior Standing |       |                               |   |     |                                               |
| BA-AN EL 4 | Professional Elective 4 (Technology<br>Trends in Analytics) | 3  | 2.0 | *Senior Standing |       |                               |   |     |                                               |
|            | TOTAL                                                       | 15 |     |                  |       | TOTAL                         | 0 |     |                                               |

The passing grade is "1.0". However, in order to progress to the next level, a cut-off grade of "2.0" is required in BA-AN 41P, BA-AN 43P, BA-AN 45P, BA-AN EL 3 and BA-AN EL 4 (First Semester); PRACT (Second Semester).

\*Senior Standing = PASSED in all BA, Core, Professional and Elective subjects in the junior year.

## **TOTAL CREDITS: 170 Units**

Note: Admission Requirements; All strands will be accepted/admitted

| Summary of Curriculum Components           | Units |
|--------------------------------------------|-------|
| General Education Subjects                 | 36    |
| Common Business & Mgt Courses              | 6     |
| Business Administration Core               | 42    |
| Professional/Major Subjects                | 36    |
| Electives                                  | 12    |
| Internship                                 | 6     |
| NSTP                                       | 6     |
| PE                                         | 8     |
| Institutional Required Subjects            | 6     |
| Professional Business Subjects (Bloomberg) | 12    |
| TOTAL UNITS                                | 170   |

| Subjects with Related Learning Experience (RLE) |                   |  |  |  |  |  |
|-------------------------------------------------|-------------------|--|--|--|--|--|
| BA 32C                                          | 1 unit (3 units)  |  |  |  |  |  |
| BA 4                                            | 1 unit (3 units)  |  |  |  |  |  |
| BA-AN 34P                                       | 2 units (6 units) |  |  |  |  |  |
| PRACT                                           | 2 units (6 units) |  |  |  |  |  |

### REVISED (Effective I 2020-2021): 05.13.20

- \* Removed all ABM subjects as prerequisites.
- \* Change the subject description/title of GE 10A from Retorika to WPE.
- \* Change the subject description/title of GE 11A from Panitikan to
- \* Change the subject description/title of GE 12/CHS 3 from Christianity and Peace-Building to Ethics of Christian Faith.
- \* Change of passing grade in BLT 1 and BLT 2 from "1.0" to "2.0".
- \* Change the prerequisites in BA-OM 24C to BA-AN 21P, BA 1, BA 21C, ISB 21C.
- \* Change the prerequisites in 3rd year and 4th year.

#### REVISED (Effective I 2022-2023)

- \* CFMP change to CFMA (Course on Financial Market Analysis)
- \* Remove PEP 2 prerequisite
- \* Change notations after every year level
- \* Change of passing grade in BA 1 from "2.0" to "1.0".
- \* CAEA course title change to Course on Advanced Equity Analysis; prerequisite is CFMA
- \* ISB 21C prerequisite change to BA-AN 12P
- \* BA-AN 22P prerequisite change to ISB 21C
- \* CATA course title change to Course on Advanced Technical Analysis
- \* Remove prerequisite in BA 2, BA 3, BA 31C, BA 33C, BA 32C, BA 4
- \* BA 35C prerequisite change to BLT 2
- \* Change units of BA-AN 34P (THESIS/CAPTONE) from 3 to 6 units
- \* Change subject code of ISB 34/BA-AN EL 1 to BA-AN EL 1 and course title to Professional Elective 1 (Enterprise Resource Mgt)
- \* Change course title of BA-AN EL 2 to Professional Elective 2 (Customer Analytics) and prerequisite to Junior Standing
- \* Change RMA pre-requisite to Junior Standing
- \* Change units in 3rd year 2nd sem from 21 to 24 units
- \* Change course title of BA-AN EL 3 to Professional Elective 3 (Big Data Application)
- \* Change course title of BA-AN EL 4 to Professional Electivee 4 (Technology Trends in Analytics)
- \* Pract prerequisite change to Complete and Passed all Prior Subjects
- \* Remove Singapore Training (OJT) Program (optional)

Final Revision for SY 2022-23