



SILLIMAN UNIVERSITY

DUMAGUETE CITY

School/College:

Program Name:

Curriculum Year:

COLLEGE OF BUSINESS ADMINISTRATION, SILLIMAN UNIVERSITY

**BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION major in BUSINESS ANALYTICS - FOR ABA**

REVISED EFFECTIVE SY 2020-2021

**FIRST YEAR**

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

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 CFMP, all Business Core and Business Professional Courses under CMO 17 s. 2012.

**SECOND YEAR**

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

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 CAEA, CATA, all Business Core and Business Professional Courses under CMO 17 s. 2012.

**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		*Junior Standing	BA 4	Strategic Management	3	2.0		*Junior Standing
BA 3	Human Behavior in Organization	3	2.0		*Junior Standing	BA 32C	Business Research	3	2.0		*Junior Standing
BA 31C	Good Governance & Social Responsibility	3	2.0		*Junior Standing	BA-AN 32P	Fundamentals of Predictive Analytics	3	2.0		BA-AN 33P, BA-AN 35P
BA 33C	Human Resource Management	3	2.0		*Junior Standing	BA-AN 34P	Thesis/Capstone	3	2.0		*Junior Standing
BA 35C	International Business Agreements	3	2.0		*Junior Standing	ISB 34/BA-AN EL 1	Enterprise Resource Mgt	3	2.0		*Junior Standing
BA-AN 31P	Advanced Statistics	3	2.0		*Junior Standing	BA-AN EL 2	Customer Analytics	3	2.0		BA-AN 33P, BA-AN 35P, *Junior Standing
BA-AN 33P	Fundamentals in Data Warehousing	3	2.0		*Junior Standing	RMA	Risk Management Analysis	3	2.0		CATA
BA-AN 35P	Fundamentals in Descriptive Analytics	3	2.0		*Junior Standing						
<b>TOTAL</b>		<b>24</b>				<b>TOTAL</b>		<b>21</b>			

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 RMA, all Business Core and Business Professional Courses under CMO 17 s. 2012.

\*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	FG	Prerequisite	Subject Code	Course Title	Units	PG	FG	Prerequisite
BA-AN 41P	Fundamentals of Prescriptive Analytics	3	2.0		*Senior Standing	PRACT	Analytics Internship, 600 hrs	6	2.0		PASSED all Subjects Prior
BA-AN 43P	Simulation Modeling and Analysis for Business	3	2.0		*Senior Standing		Singapore Training (OJT) Program (optional)				
BA-AN 45P	Marketing Analytics	3	2.0		*Senior Standing						
BA-AN EL 3	Big Data Applications	3	2.0		*Senior Standing						
BA-AN EL 4	Technology Trends in Analytics	3	2.0		*Senior Standing						
<b>TOTAL</b>		<b>15</b>				<b>TOTAL</b>		<b>6</b>			

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 all Business Core and Business Professional Courses under CMO 17 s. 2012.

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

**TOTAL CREDITS: 167 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	30
Electives	12
Internship	6
NSTP	6
PE	8
Institutional Required Subjects	6
Professional Business Subjects (Bloomberg)	12
<b>TOTAL UNITS</b>	

*CHS 3/GE 12 - as GE*

**ELECTIVES**

- Enterprise Resource Mgt
- Customer Analytics
- Big Data Applications
- Technology Trends in Analytics
- Data Visualization
- Technopreneurship
- People Analytics
- SAS/Tableau Analytics
- Forecasting

**Certificate Course on Financial Markets**

- Students can continue other certificate courses as show below:*
- CFMP - Certified Financial Markets Professional
  - CAEA - Certified Advanced Equity Analysts
  - CATA - Certified Advanced Technical Analysts
  - RMA - Risk Management Associate

**Servicing Subjects to other BA Courses**

- ISB 11 IT Tools for Business
- ISB 21 Database Management System
- ISB 22 Accounting Information System
- ISB 31 Statistical Analysis with Software Application
- ISB 32 IT/IS Audit / Auditing in a CIS Environment
- ISB 34 Enterprise Resource Mgt
- ISB Ecommerce
- ISB Technopreneurship

**Subjects with Related Learning Experience (RLE)**

BA 32C	1 unit (3 units)
BA-AN 34P	1 unit (3 units)
PRACT	2 units (6 units)

**REVISED (Effective II 2018-2019): 10.01.18**

- \* Grade of "1.0" for all GE subjects to progress to the next level.
- \* Change in descriptive title of CHS 3/GE 12.
- \* Correction in descriptive title of GE 9, GE 10 and PE 1.

**REVISED (Effective I 2019-2020): 04.24.19**

- \* BA-AN 1P changed to BA-AN 12P (same description).
- \* BA 5 changed to BA-AN 21P (same description) and moved to 2nd year, 1st sem.
- \* CHS 3/GE 12 is moved to 2nd year, 2nd sem.
- \* BA-AN 2P changed to BA-AN 22P (same description).
- \* Additional subject: BA-AN 31P.
- \* BA-AN 3P changed BA-AN 33P (same description).
- \* BA-AN 4P changed to BA-AN 35P (same description).
- \* BA-AN 5P changed to BA-AN 32P (same description).
- \* BA-AN 6P changed to BA-AN 34P (same description).
- \* BA-AN 7P changed to BA-AN 41P (same description).
- \* BA-AN 8P changed to BA-AN 43P (same description).
- \* BA-AN 9P changed to BA-AN 45P (same description).
- \* Changes in RLE units: BA 32C, 1 unit; BA-AN 34P, 1 unit and PRACT, 2 units.
- \* ISB 1C changed to ISB 11C (same description).
- \* ISB 2C changed to ISB 21C (same description).
- \* ISB 3C changed to ISB 22C (same description).
- \* ISB 6E/BA-AN EL 1 changed to ISB 34 (same description).

**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 Free Elective.
- \* 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.





**FIRST YEAR (Augmentation Year)**

First Semester						Second Semester					
Subject Code	Course Title	Units	PG	FG	Prerequisite	Subject Code	Course Title	Units	PG	FG	Prerequisite
ABM 1	Business Mathematics	3	2.0			ABM 3	Marketing	3	2.0		ABM 2
ABM 2	Organization and Management	3	2.0			ABM 5	Business Finance	3	2.0		ABM 1
ABM 4	Accounting I	3	2.0			ABM 6	Accounting II	3	2.0		ABM 4
GE 1	Understanding Self	3	1.0			ABM 7	Business Ethics	3	2.0		ABM 2
GE 2	Readings in Philippine History	3	1.0			GE 3	The Contemporary World	3	1.0		
CHS 1	Reading and Interpretation of Hebrew Scriptures	3	1.0			GE 4	Mathematics in the Modern World	3	1.0		
PE 1	Physical Fitness & Swimming	2	1.0			CHS 2	Reading & Interpreting 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		S			NSTP 2	National Service Training Program	3	1.0		NSTP 1
						PEP 2	Personality Enhancement Program		S		PEP 1
	<b>TOTAL</b>	<b>23</b>					<b>TOTAL</b>	<b>26</b>			

*Transition year is intended for you to finish all ABM Courses. You can take GE & ABM courses any semester as long as the course is offered.*

**FIRST YEAR (Regular)**

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		ABM 1-7	BA-AN 12P	Introduction to Programming with Python / R	3	2.0		ISB 11C
GE 5	Purposive Communication	3	1.0			CFMP	Certified Financial Markets Professional	3	2.0		ABM 1-7
GE 6	Art Appreciation	3	1.0			GE 10A	Whole Person Education	3	1.0		
GE 7	Science, Technology & Society	3	1.0			GE 11A	Free Elective (SINESOS, IT, Environmental Science, etc)	3	1.0		
GE 8	Ethics	3	1.0			GE 12/CHS 3	Ethics of Christian Faith	3	1.0		
GE 9	The Life & Works of Jose Rizal	3	1.0			PE 4	Physical Education	2	1.0		PE 3
PE 3	Physical Fitness & Swimming	2	1.0		PE 2						
	<b>TOTAL</b>	<b>20</b>					<b>TOTAL</b>	<b>17</b>			

*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 CFMP, all Business Core and Business Professional Courses under CMO 17 s. 2012.*

**SECOND YEAR**

First Semester						Second Semester					
Subject Code	Course Title	Units	PG	FG	Prerequisite	Subject Code	Course Title	Units	PG	FG	Prerequisite
BLT 1	Obligation & Contracts	3	2.0			BLT 2	Income & Business Taxation	3	2.0		BLT 1
BA-AN 21P	Quantitative Techniques in Business	3	2.0		GE 4	BA-AN 22P	Introduction to Business Analytics	3	2.0		ISB 21C, BA-AN 12P
BA 21C	Basic Microeconomics	3	2.0			BA-OM 24C	Project Management	3	2.0		BA-AN 21P, BA 21C, BA 1, ISB 21C
BA 1	Managerial Accounting	3	2.0			BA-FM 21C	Financial Management	3	2.0		BA 1
ISB 21C	Database Management Systems	3	2.0		ISB 11C, BA-AN 12P	ISB 22C	Accounting Information System	3	2.0		ISB 21C
CAEA	Certified Advanced Equity Analysis	3	2.0		CFMP	CATA	Certified Advanced Tech Analysis	3	2.0		CAEA
	<b>TOTAL</b>	<b>18</b>					<b>TOTAL</b>	<b>18</b>			

*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 CAEA, CATA, all Business Core and Business Professional Courses under CMO 17 s. 2012.*

**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		*Junior Standing	BA 4	Strategic Management	3	2.0		*Junior Standing
BA 3	Human Behavior in Organization	3	2.0		*Junior Standing	BA 32C	Business Research	3	2.0		*Junior Standing
BA 31C	Good Governance & Social Responsibility	3	2.0		*Junior Standing	BA-AN 32P	Fundamentals of Predictive Analytics	3	2.0		BA-AN 33P, BA-AN 35P
BA 33C	Human Resource Management	3	2.0		*Junior Standing	BA-AN 34P	Thesis/Capstone	3	2.0		*Junior Standing
BA 35C	International Business Agreements	3	2.0		*Junior Standing	ISB 34/BA-AN EL 1	Enterprise Resource Mgt	3	2.0		*Junior Standing
BA-AN 31P	Advanced Statistics	3	2.0		*Junior Standing	BA-AN EL 2	Customer Analytics	3	2.0		BA-AN 33P, BA-AN 35P, *Junior Standing
BA-AN 33P	Fundamentals in Data Warehousing	3	2.0		*Junior Standing	RMA	Risk Management Analysis	3	2.0		CATA
BA-AN 35P	Fundamentals in Descriptive Analytics	3	2.0		*Junior Standing						
	<b>TOTAL</b>	<b>24</b>					<b>TOTAL</b>	<b>21</b>			

*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 RMA, all Business Core and Business Professional Courses under CMO 17 s. 2012.*

*\*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	FG	Prerequisite	Subject Code	Course Title	Units	PG	FG	Prerequisite
BA-AN 41P	Fundamentals of Prescriptive Analytics	3	2.0		*Senior Standing	PRACT	Analytics Internship, 600 hrs	6	2.0		PASSED all Subjects Prior
BA-AN 43P	Simulation Modeling and Analysis for Business	3	2.0		*Senior Standing		<i>*Local or International Training (OJT) Program (optional)</i>				
BA-AN 45P	Marketing Analytics	3	2.0		*Senior Standing						
BA-AN EL 3	Big Data Applications	3	2.0		*Senior Standing						
BA-AN EL 4	Technology Trends in Analytics	3	2.0		*Senior Standing						
	<b>TOTAL</b>	<b>15</b>					<b>TOTAL</b>	<b>6</b>			

*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 all Business Core and Business Professional Courses under CMO 17 s. 2012.*

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

*\*International On-the-Job Training will depend on availability, college and university requirements.*

**TOTAL CREDITS: 167 Units**

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

**Augmentation Learning Activities (for non-ABM strand)**

Subjects	Schedule Offering	
ABM 1 – Bus. Math	1st Sem., First Year	3 units
ABM 2 – Organization and Management	1st Sem., First Year	3 units
ABM 4 – FABM (Acctg 2)	1st Sem., First Year	3 units
ABM 3 – Marketing	2nd Sem., First Year	3 units
ABM 5 – Finance	2nd Sem., First Year	3 units
ABM 6 – FABM (Acctg. 2)	2nd Sem., First Year	3 units
ABM 7 – Business Ethics	2nd Sem., First Year	3 units
<b>Total</b>		<b>21 units</b>

**Remarks:**

**Passing grade is "2.0"**

*Non-ABM graduate is required to take all the identified augmentation courses in the ABM track during the course of the BSBA-Business Analytics program as prerequisites to major subjects.*

Summary of Curriculum Components	Units
General Education Subjects	36
Common Business & Mgt Courses	6
Business Administration Core	42
Professional/Major Subjects	30
Electives	12
Internship	6
NSTP	6
PE	8
Institutional Required Subjects	6
Professional Business Subjects (Bloomberg)	12
<b>TOTAL UNITS</b>	<b>167</b>

*CHS 3/GE 12 - as GE*

**REVISED (Effective II 2018-2019): 10.01.18**

- \* Grade of "1.0" for all GE subjects to progress to the next level.
- \* Change in descriptive title of CHS 3/GE 12.
- \* Correction in descriptive title of GE 9, GE 10 and PE 1.

**REVISED (Effective I 2019-2020): 04.24.19**

- \* BA-AN 1P changed to BA-AN 12P (same description).
- \* BA 5 changed to BA-AN 21P (same description) and moved to 2nd year, 1st sem.
- \* CHS 3/GE 12 is moved to 2nd year, 2nd sem.
- \* BA-AN 2P changed to BA-AN 22P (same description).
- \* Additional subject: BA-AN 31P.
- \* BA-AN 3P changed BA-AN 33P (same description).
- \* BA-AN 4P changed to BA-AN 35P (same description).
- \* BA-AN 5P changed to BA-AN 32P (same description).
- \* BA-AN 6P changed to BA-AN 34P (same description).
- \* BA-AN 7P changed to BA-AN 41P (same description).
- \* BA-AN 8P changed to BA-AN 43P (same description).
- \* BA-AN 9P changed to BA-AN 45P (same description).
- \* Changes in RLE units: BA 32C, 1 unit; BA-AN 34P, 1 unit and PRACT, 2 units.
- \* ISB 1C changed to ISB 11C (same description).
- \* ISB 2C changed to ISB 21C (same description).
- \* ISB 3C changed to ISB 22C (same description).
- \* ISB 6E/BA-AN EL 1 changed to ISB 34 (same description).

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

- \* Change the subject description/title of GE 10A from Retorika to WPE.
- \* Change the subject description/title of GE 11A from Panitikan to Free Elective.
- \* 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.

**ELECTIVES**

- Enterprise Resource Mgt
- Customer Analytics
- Big Data Applications
- Technology Trends in Analytics
- Data Visualization
- Technopreneurship
- People Analytics
- SAS/Tableau Analytics
- Forecasting

**Certificate Course on Financial Markets**

- Students can continue other certificate courses as show below:*
- CFMP - Certified Financial Markets Professional
  - CAEA - Certified Advanced Equity Analysts
  - CATA - Certified Advanced Technical Analysts
  - RMA - Risk Management Associate

**Servicing Subjects to other BA Courses**

- ISB 11 IT Tools for Business
- ISB 21 Database Management System
- ISB 22 Accounting Information System
- ISB 31 Statistical Analysis with Software Application
- ISB 32 IT/IS Audit / Auditing in a CIS Environment
- ISB 34 Enterprise Resource Mgt
- ISB Ecommerce
- ISB Technopreneurship

**Subjects with Related Learning Experience (RLE)**

- BA 32C 1 unit (3 units)
- BA-AN 34P 1 unit (3 units)
- PRACT 2 units (6 units)