



**CHECKLIST - BACHELOR OF SCIENCE IN AGRICULTURAL AND BIOSYSTEMS ENGINEERING**  
 (BOR Res. No. 42-2018, Effective SY 2018-2019)

**FIRST YEAR**

**First Semester**

			Units	Grade	Prerequisite
ABEN	1110	Introduction to AB Engineering	1	2.00	NONE
MATH	1100	Mathematics in the Modern World	3	2.25	NONE
FILKOM	1100	Kontekstwalisadong Komunikasyon sa Filipino	3	1.50	NONE
CHEM	1103	Chemistry for Engineers, Lec	3	1.75	NONE
CHEM	1104	Chemistry for Engineers, Lab.	1	1.75	NONE
PHYS	1107	Physics for Engineers	5	2.50	NONE
PE	1100	Foundation of Physical Fitness	2	1.25	NONE
NSTP	1100	National Service Training Program I	<u>[3]</u>	1.50	NONE
			<b>18</b>		

**Second Semester**

			Units	Grade	Prerequisite
PSYCH	1100	Understanding the Self	3	1.25	NONE
ENGR	1210	Computer Aided Drafting	1	1.75	NONE
MATH	1110	Calculus I	3	3.00	MATH 1100
CENGR	1221	Surveying	3	2.25	MATH 1100
CRSCI	1100	Principles of Crop Science	3	2.25	NONE
SOILS	1100	Principles of Soil Science	3	2.75	NONE
PE	1105	Rhythmic Activities	2	1.50	PE 1100
NSTP	1200	National Service Training Program II	[3]	1.75	NSTP 1100
			18		

**SECOND YEAR**

**First Semester**

First Semester			Units	Grade	Prerequisite
SOCSCI	1110	Ethics	3	1.75	NONE
MATH	2111	Calculus II	3	(5) 2.00	MATH 1110
MENGR	2320	Thermodyamics and Heat Transfer	5	2.00	PHYS 1107; MATH 1110
ENGR	2312	Engineering Mechanics 1	3	(5) 2.00	PHYS 1107; MATH 1110
ANSCI	1100	Principles of Animal Science	3	2.25	NONE
PE	2110	Individual and Dual Sports	2	1.00	PE 1100
			19		

**Second Semester**

Second Semester			Units	Grade	Prerequisite
SOCSCI	1100	Readings in Philippine History	3	1.50	NONE
ENSCI	1100	Science, Technology and Society	3	1.50	NONE
MATH	2230	Differential Equations I	3	1.75	MATH 2111
ENGR	2323	Fluid Mechanics	3	1.75	ENGR 2312
ENGR	2320	Materials and Processes for ABE	3	2.00	CHEM 1103, CHEM 1104, ENGR 1210, ENGR 2312
ENGR	2313	Engineering Mechanics 2	3	2.00	ENGR 2312
ABEN	2427	ABE and Related Laws, Specs, Contracts & Prof. Ethics	1	1.50	SOCSCI 1110; ABEN 1110
PE	2115	Team Sports	2	1.25	PE 1100
			21		

**Summer**

Summer			Units	Grade	Prerequisite
COMM	1100	Purposive Communication	3	1.25	NONE
PHILI	1100	The Life and Works of Rizal	<u>3</u>	<u>1.25</u>	NONE
			6		

Name: LOMIBAO, DARWIN A.  
 Total No. of Units: 171

Prepared by:

*A Saturno*  
**ANNABEL R. SATURNO**

Record-in-charge

**GPA: 1.924**