17.4.2.4 Measuring Sustainability Literacy Through Academic Curricula

Davao Oriental State University (DOrSU) integrates sustainability-related concepts into its academic curricula to promote students' understanding of sustainable development and the United Nations Sustainable Development Goals (SDGs). Through sustainability-focused courses, learning outcomes, and academic assessments, the University supports the development and evaluation of students' sustainability literacy across the environmental, social, and economic dimensions of sustainability.

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF TECHNOLOGY AND LIVELIHOOD EDUCATION major in INDUSTRIAL ARTS (BTLeD-IA)

Per CMO No. 78, s. of 2017; CMO No. 20, s. 2013; CMO No. 57, s. 2017; CMO No. 4, s. 2018

NAME: _____ **AY STARTED:** _____

ID No: _____

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
PerDev 10	Understanding the Self	3	None	Hist 11	Readings in Phil History	3	None
SocSci 10	The Contemporary World	3	None	Math 15	Mathematics in the Modern World	3	None
STS 10	Science, Technology, & Society	3	None	STS 11	People and Earth's Ecosystems	3	None
Eng.10	Purposive Communication	3	None	Educ 100	The Child & Adolescent Learner & Learning Principles	3	PerDev 10
Hum 10	Art Appreciation	3	None	Educ 103	Technology for Teaching and Learning 1	3	None
Hist 10	The Life and Works of Rizal	3	None	BTLE 102	Introduction to Industrial Arts 1	3	None
Philo 10	Ethics	3	None	SocSci 11	Peace Development and Indigenous Communities	3	None
Lit 10	Literatures in Mindanao	3	None	BTLE 103	Home Economics Literacy	3	None
SPEAR 1	Movement Enhancement	(2)	None	SPEAR 2	Fitness Exercises	(2)	SPEAR 1
NSTP 1	LTS/CWTS/ROTC	(3)	None	NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		24				**24**	

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Educ 127	Facilitating Learner-Centered Teaching: The Learner-Centered Approaches w/ Emphasis on Trainers Methodology I	3	EDUC 100	Educ 102	The Teaching Profession	3	Educ. 111
SNED 1	Foundation of Special and Inclusive Education	3	Educ 100	Educ 129	Cur. Dev. and Evaluation w/ Emphasis on TM II	3	Educ. 127
Educ 131	Building and Enhancing Literacy Across the Cur. w/ Emphasis on the 21st Century Skills	3	None	BTLE 104	Family and Consumer Life Skills	3	BTLE 103
Educ 107	Assessment of Learning 1	3	None	Educ 109	Assessment of Learning 2 with focus on TM I & II	3	Educ. 107, Educ. 127
Educ 111	The Teacher and the Community, School , Culture & Organizational Philippine TVET System	3	None	BTLE 108	Technology for Teaching and Learning 2	3	EDUC 103
BTLE 105	Introduction to ICT 1	3	None	BTLE 109	Introduction to ICT 2	3	TLE 105
BTLE 106	Introduction to Agri-Fishery Arts 1	3	None	BTLE 110	Introduction to Agri-Fishery Arts 2	3	BTLE 106
BTLE 107	Introduction to Industrial Arts 2	3	BTLE 102	FL 10	Foreign Language	3	None
SPEAR 3	Physical Activity Towards Health and Fitness (PATH) 1	(2)	Spear 2	SPEAR 4	Physical Activity Towards Health and Fitness (PATH) 2	(2)	Spear 2
		24				**24**	

THIRD YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
BTLE 101	Entrepreneurship	3	Math 15	BTLE-R118	Technology Research II	3	BTLE-R117
BTLE-IA1	Fundamentals of Automotive Technology	3	BTLE 102	BTLE-IA7	Applied Automotive Technology	3	BTLE-IA1
BTLE-IA2	Civil Technology 1	3	BTLE 102	BTLE-IA8	Civil Technology 2	3	BTLE-IA2
BTLE-IA3	Fundamentals of Electronics Technology	3	BTLE 102	BTLE-IA9	Digital Electronics Technology	3	BTLE-IA3
BTLE-IA4	Fundamentals of Electrical Technology	3	BTLE 102	BTLE-IA10	Applied Electrical Technology	3	BTLE-IA4
BTLE-IA5	Domestic Refrigeration and Air-conditioning	3	BTLE 102	BTLE-IA11	Commercial Refrigeration and Air-conditioning	3	BTLE-IA5
BTLE-IA6	Graphic Arts	3	BTLE 102	BTLE-IA12	Metal Works	3	BTLE 102
BTLE-R117	Technology Research I	3	Eng. 10			**21**	
		24					

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
FS 100	Observations of Teaching-Learning in Actual Sch Environment	3	All Prof Ed & Major Courses	Educ 145	Teaching Internship	6	FS 100 & FS 101
FS 101	Participation and Teaching Assistantship	3		CSA 101	Competencies and Skills Appraisal for Prof. Educ. Courses	2	None
CSA 100	Competencies and Skills Appraisal for Gen. Educ. Courses	2	None	CSA 102	Competencies and Skills Appraisal for Specialization Courses	2	None
		8				**10**	

Content Noted by CHED RO-XI
Dated on January 14, 2021

SUMMARY: UNITS

General Education Courses	36
Professional Education Courses	48
Major and Specialization Course	66
Mandated Courses (PE(8), NSTP(6)	14
Institutional Course	9
	=========
TOTAL:	**173**

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BACHELOR OF SCIENCE IN AGRICULTURE major in CROP SCIENCE

Per CHED Memo Order 23 s.2021 and CMO 20 s. 2013, CMO 23 s.2010

2022 curriculum

NAME: _____ **AY STARTED:**

ID No: _____

FIRST YEAR

	First Semester							*Second Semester*						
	Course No.	**Descriptive Title**	**Credit**		**Total**	**Pre-Requisites**		**Course No.**	**Descriptive Title**	**Credit**		**Total**	**Pre-Requisites**
			Lec	**Lab**						**Lec**	**Lab**		
	Per Dev 10	Understanding the Self	3	0	3			Philo 10	Ethics	3	0	3	
	Ag 1	Introduction to Agriculture	3	0	3			Ag 2	Introduction to Organic Agriculture	3	0	3	
	AS 1	Introduction to Animal Science	2	1	3			AS 2	Introduction to Livestock and Poultry Production	2	1	3	AS 1
	CS 1	Principles of Crop Production	2	1	3			CS 2	Practices of Crop Science and Management	2	1	3	CS 2
	CP 1	Principles of Crop Protection	2	1	3			CP 2	Approaches & Practices in Pest Management	2	1	3	CP 1
	Chem 102	Organice Chemistry	2	1	3			SS 1	Principles of Soil Science	2	1	3	Chem 102
	Spear 1	Movement Enhancement	(2)	0	(2)			Spear 2	Fitness Exercise	(2)	0	(2)	Spear 1
	NSTP 1	LTS/CWTS/ROTC	(3)	0	(3)			NSTP 2	LTS/CWTS/ROTC	(3)	0	(3)	NSTP 1
	TOTAL				**23**							**23**	

MID YEAR

	Course No.	**Descriptive Title**	**Credit**		**Total**	**Pre- Requisite**
			Lec	**Lab**		All First Year Agriculture Courses
	Practicum	Skills Development (240hrs)	0	3	**3**	
	Hist 11	Readings in Philippine History	3	0	**3**	
	TOTAL				**6**	

SECOND YEAR

	Course No.	**Descriptive Title**	**Lec**	**Lab**	**Total**	**Pre- Requisite**		**Course No.**	**Descriptive Title**	**Credit**		**Total**	**Pre-Requisites**
										Lec	**Lab**		
	Math 15	Mathematics in the Modern World	3	0	3			STS 11	People and Earths Ecosystem	3	0	3	
	Ag 3	Slaughter of Animals & Animal Products Processing	2	1	3	AS2		Ag 5	Principles of Genetics	2	1	3	Chem 103
	Chem 104	General Biochemistry	2	1	3	Chem 102		Ag 6	Methods of Agriculture Research	3	0	3	
	SS2	Soil Fertilify, Conservation & Management	2	1	3	SS1		Ag 7	Basic Farm Machineries, Mechanization and Water Management	2	1	3	
	Ag Ex	Principles of Agricultural Extension and Communication	3	0	3	AS2,CS2		Ag 8	Natural Resource & Environmental Management	3	0	3	
	STS 10	Science, Technology and Society	3	0	3			Entrep 1	Principles of Agricultural Entrerenuership and Enterprise Development	3	0	3	
	Ag 4	Introduction to Agriculture Commodity System	3	0	3			Ag 9	Post Harvest Handling and Seed Technology	2	1	3	CS 2
	Spear 3	Physical Activities Towards Health and Fitness 1 (PATH Fit 1)	(2)	0	(2)	Spear 2		Spear 4	Physical Activities Towards Health and Fitness 2 (PATH Fit 2)	(2)	0	(2)	Spear 2
	TOTAL				**23**			**TOTAL**				**23**	

After satisfactorily completing the first two years, BSA students shall be awarded with Certificate of Agricultural Sciences (CAS)

THIRD YEAR

	Course No.	**Descriptive Title**	**Lec**	**Lab**	**Total**	**Pre- Requisite**		**Course No.**	**Descriptive Title**	**Lec**	**Lab**	**Total**	**Pre- Requisite**
	Lit 10	Literature in Mindanao	3	0	3			SocSci 11	Peace, Development & Indigenous Communities	3	0	3	
	Eng 10	Purposive Communication	3	0	3			SocSci 10	The Contemporary World	3	0	3	
	Hum 10	Art Appreciation	3	0	3			Ag 15	Beneficial Arthropods and Microrganisms	2	1	3	CP2
	Ag CS 101	Plant Propagation & Nursery Management	2	1	3	CS2		Ag CS 103	Ornamentals and LandScape Horticulture	2	1	3	CS2
	Ag CS 102	Vegetable Crop Production	2	1	3	CS2		Ag CS 103	Perennial Industrial Crops Production	2	1	3	CS 2
	Ag 10	Seminar A	1	0	1			Ag 13	Introduction to Agriculturial Policy & Development	3	0	3	
	Ag 11a	Thesis 1 (Outline/Major Farm Practice			2	CAS		Ag 14	Seminar B	1	0	1	
	Ag 12	Agricultural Biotechnology	2	1	3			Ag 11B	Thesis 2 (Experimentation/Major Farm Practice)	2	1	3	
	TOTAL				**21**							2	Ag 11a
								TOTAL				**21**	

FOURTH YEAR

	Course No.	**Descriptive Title**	**Lec**	**Lab**	**Total**	**Pre- Requisite**							
	FL 10	Foreign Language	3	0	3			Ag 18	Apprenticeship/OJT/Exposure (240hrs)	0	3	3	All Agri Courses
	Ag CS 105	Farming Systems	2	1	3	CS 2		Ag 19b	Competency Skills Appraisal in Agriculture II	3	0	3	
	Ag 16	General Physiology & Toxicology	2	1	3	CP 2							
	Ag 11c	Thesis 3 (Manuscript and Defense) /Major Farm Practice			2	Ag 11b		***Total***				**6**	
	Ag 19a	Competency Skills Appraisal in Agriculture I	3	0	3	Board Exam Courses							
	Hist 10	Life and Works of Rizal	3	0	3			**TOTAL NO. OF UNITS:**				**166**	
	TOTAL				**17**			Content Noted by: CHED RO-XI					
								Dated on September 25, 2018					

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BACHELOR OF SCIENCE IN AGRICULTURE major in CROP SCIENCE
Per CHED Memo Order 23 s.2021 and CMO 20 s. 2013, CMO 23 s.2010

2023 curriculum

NAME: _____ **AY STARTED:** _____

ID No: _____

FIRST YEAR

	First Semester								*Second Semester*						
	Course No.	**Descriptive Title**	**Credit Lec**	**Lab**	**Total**	**Pre-Requisites**			**Course No.**	**Descriptive Title**	**Credit Lec**	**Lab**	**Total**	**Pre-Requisites**
	Per Dev 10	Understanding the Self	3	0	3				Philo 10	Ethics	3	0	3	
	Ag 1	Introduction to Agriculture	3	0	3				Ag 2	Introduction to Organic Agriculture	3	0	3	
	AS 1	Introduction to Animal Science	2	1	3				AS 2	Introduction to Livestock and Poultry Production	2	1	3	AS 1
	CS 1	Principles of Crop Production	2	1	3				CS 2	Practices of Crop Science and Management	2	1	3	CS 2
	CP 1	Principles of Crop Protection	2	1	3				CP 2	Approaches & Practices in Pest Management	2	1	3	CP 1
	Chem 102	Organice Chemistry	2	1	3				SS 1	Principles of Soil Science	2	1	3	Chem 102
	Spear 1	Movement Enhancement	(2)	0	(2)				Spear 2	Fitness Exercise	(2)	0	(2)	Spear 1
	NSTP 1	LTS/CWTS/ROTC	(3)	0	(3)				NSTP 2	LTS/CWTS/ROTC	(3)	0	(3)	NSTP 1
	TOTAL				**23**								**23**	

MID YEAR

	Course No.	**Descriptive Title**	**Credit Lec**	**Lab**	**Total**	**Pre- Requisite**
						All First Year Agriculture Courses
	Practicum	Skills Development (240hrs)	0	3	**3**	
	Hist 11	Readings in Philippine History	3	0	**3**	
	TOTAL				**6**	

SECOND YEAR

	Course No.	**Descriptive Title**	**Lec**	**Lab**	**Total**	**Pre- Requisite**			**Course No.**	**Descriptive Title**	**Credit Lec**	**Lab**	**Total**	**Pre-Requisites**
	Math 15	Mathematics in the Modern World	3	0	3				STS 11	People and Earths Ecosystem	3	0	3	
	Ag 3	Slaughter of Animals & Animal Products Processing	2	1	3	AS2			Ag 5	Principles of Genetics	2	1	3	Chem 104
	Chem 104	General Biochemistry	2	1	3	Chem 102			Ag 6	Methods of Agriculture Research	3	0	3	
	SS2	Soil Fertilify, Conservation & Management	2	1	3	SS1			Ag 7	Basic Farm Machineries, Mechanization and Water Management	2	1	3	
	Ag Ex 1	Principles of Agricultural Extension and Communication	3	0	3	AS2,CS2			Ag 8	Natural Resource & Environmental Management	3	0	3	
	STS 10	Science, Technology and Society	3	0	3				Entrep 1	Principles of Agricultural Entrerenuership and Enterprise Development	3	0	3	
	Ag 4	Introduction to Agriculture Commodity System	3	0	3				Ag 9	Post Harvest Handling and Seed Technology	2	1	3	CS 2
	Spear 3	Physical Activities Towards Health and Fitness 1 (PATH Fit 1)	(2)	0	(2)	Spear 2			Spear 4	Physical Activities Towards Health and Fitness 2 (PATH Fit 2)	(2)	0	(2)	Spear 2
	TOTAL				**23**				**TOTAL**				**23**	

After satisfactorily completing the first two years, BSA students shall be awarded with Certificate of Agricultural Sciences (CAS)

THIRD YEAR

	Course No.	**Descriptive Title**	**Lec**	**Lab**	**Total**	**Pre- Requisite**			**Course No.**	**Descriptive Title**	**Lec**	**Lab**	**Total**	**Pre- Requisite**
	Lit 10	Literature in Mindanao	3	0	3				SocSci 11	Peace, Development & Indigenous Communities	3	0	3	
	Eng 10	Purposive Communication	3	0	3				SocSci 10	The Contemporary World	3	0	3	
	Hum 10	Art Appreciation	3	0	3				Ag 15	Beneficial Arthropods and Microrganisms	2	1	3	CP2
	Ag CS 101	Plant Propagation & Nursery Management	2	1	3	CS2			Ag CS 103	Ornamentals and LandScape Horticulture	2	1	3	CS2
	Ag CS 102	Vegetable Crop Production	2	1	3	CS2			Ag CS 104	Perennial Industrial Crops Production	2	1	3	CS 2
	Ag 10	Seminar A	1	0	1				Ag 13	Introduction to Agricultiral Policy & Development	3	0	3	
	Ag 11a	Thesis 1 (Outline/Major Farm Practice			2	CAS			Ag 14	Seminar B	1	0	1	
	Ag 12	Agricultural Biotechnology	2	1	3				Ag 11B	Thesis 2 (Experimentation/Major Farm Practice)	2	1	3	
	TOTAL				**21**								2	Ag 11a
									TOTAL				**21**	

FOURTH YEAR

	Course No.	**Descriptive Title**	**Lec**	**Lab**	**Total**	**Pre- Requisite**				
	FL 10	Foreign Language	3	0	3			Ag 18	Apprenticeship/OJT/Exposure (240hrs)	0	3	3	All Agri Courses
	Ag CS 105	Farming Systems	2	1	3	CS 2		Ag 19b	Competency Skills Appraisal in Agriculture II	3	0	3	
	Ag 16	General Physiology & Toxicology	2	1	3	CP 2							
	Ag 11c	Thesis 3 (Manuscript and Defense) /Major Farm Practice			2	Ag 11b		***Total***				**6**	
	Ag17	Halal Foos Prod &Preparation & Introduction to Good Agricultural Practices	2	1	3	CS2 AS 2							
	Ag 19a	Competency Skills Appraisal in Agriculture I	3	0	3	Board Exam Courses							
	Hist 10	Life and Works of Rizal	3	0	3			**TOTAL NO. OF UNITS:**				**169**	
	TOTAL				**20**			Content Noted by: CHED RO-XI Dated on September 25, 2018					

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PROSPECTUS

Effectivity : First Semester
SY 2022-2023

BACHELOR OF SCIENCE IN AGRICULTURE MAJOR IN ANIMAL SCIENCE

Per CHED Memorandum order 23 s.2021 and CMO 20 s.2013, CMO 23 s. 2010

FIRST YEAR

First semester						Second semester					
Course No.	Descriptive Title	Units Lec	Lab	Total	Prere quisites	Course No.	Descriptive Title	Units Lec	Lab	Total	Prere quisites
Per Dev 10	Understanding the Self	3		3	None	Philo 10	Ethics	3		3	None
Ag 1	Introduction to Agriculture	3	0	3	None	Ag 2	Introduction to Organic Agriculture	3	0	3	None
AS 1	Introduction to Animal Science	2	1	3	None	AS 2	Introduction to Livestock & Poultry Production	2	1	3	AS 1
CS 1	Principles of Crop Production	2	1	3	None	CS 2	Practices of Crop Science & Management	2	1	3	CS 1
CP 1	Principles of Crop Protection	2	1	3	None	CP 2	Approaches & Practices in Pest Mgt	2	1	3	CP 1
Chem 102	Organic Chemistry	2	1	3	None	SS 1	Principles of Soil Science	2	1	3	Chem 102
Spear 1	Movement Enhancement			2	None	Spear 2	Fitness Exercises			2	Spear 1
NSTP 1	LTS/CWTS/ROTC			3	None	NSTP 2	LTS/CWTS/ROTC			3	NSTP 1
	Total			23	None		Total			23	

Midyear

Course No.	Descriptive Title	Units Lec	Lab	Total	Prerequisites
Practicum	Skills Development (240 hours)			3	All first year agriculture courses
Hist 11	Readings in Philippine History	3		3	None
	Total			6	

SECOND YEAR

First semester						Second semester					
Course No.	Descriptive Title	Units Lec	Lab	Total	Prere quisites	Course No.	Descriptive Title	Units Lec	Lab	Total	Prere quisites
Math 15	Mathematics in the Modern World	3		3	None	STS 11	People & Earth's Ecosystem	3		3	None
Ag 3	Slaughter of Animals & Animal Products Processing	2	1	3	AS 2	Ag 5	Principles of Genetics	2	1	3	Chem 103
Chem 104	General Biochemistry	2	1	3	Chem 102	Ag 6	Methods of Agricultural Research	3	0	3	None
SS 2	Soil Fertility, Conservation & Management	2	1	3	SS 1	Ag 7	Basic Farm Machineries, Mechanization & Water Management	2	1	3	None
Ag Ex 1	Principles of Agricultural Extension & Communication	3	0	3	AS 2 CS 2	Ag 8	Natural Resource & Environmental Management	3	0	3	None
STS 10	Science, Technology & Society	3		3	None	Entrep 1	Principles of Agricultural Entrepreneurship & Enterprise Development	3	0	3	None
Ag 4	Introduction to Agriculture Commodity Systems	3	0	3	None	Ag 9	Postharvest handling and Seed Technology	2	1	3	CS 2
Spear 3	Physical Activities towards Health & Fitness 1			2	Spear 2	Spear 4	Physical Activity Towards Health & Fitness 2			2	Spear 2
	Total			23			Total			23	

After satisfactorily completing the first two years, BSA students shall be awarded with Certificate of Agricultural Science (CAS)

THIRD YEAR

First semester						Second semester					
Course No.	Descriptive Title	Units Lec	Lab	Total	Prere Quisites	Course No.	Descriptive Title	Units Lec	Lab	Total	Prere quisites
Ag 10	Seminar A	1		1	None	Soc Sci 11	Peace, Development & Indigenous Communities	3		3	None
English 10	Purposive Communication	3		3	None	SocSci10	The Contemporary World	3		3	None
Hum 10	Art Appreciation	3		3	None	Ag 15	Beneficial Arthropods & Microorganisms	2	1	3	CP 2
Ag AS 101	Poultry Production	2	1	3	AS 2	Ag AS 104	Small Ruminant Production	2	1	3	AS 2
Ag AS 102	Swine Production	2	1	3	AS 2	Ag AS 105	Large Ruminant Production	2	1	3	AS 2
Ag AS 103	Farm Planning and Management	3	0	3	AS 2	Ag 13	Introduction to Agricultural Policy & Development	3	0	3	None
Ag 11a	Thesis 1 (Outline)/Major Farm Practice	2		2	CAS	Ag 14	Seminar B	1	0	1	None
Ag 12	Agricultural Biotechnology	2	1	3	None	Ag 11b	Thesis 2 (Experimentation)/Major Farm Practice	0	2	2	Ag 11a
	Total			21			Total			21	

FOURTH YEAR

First semester							Second semester				
Course No.	Descriptive Title	Units Lec	Lab	Total	Prere quisites	Course No.	Descriptive Title	Units Lec	Lab	Total	Prere quisites
FL 1	Foreign Language	3		3	None	Ag 18	Apprenticeship/OJT/Industry Exposure (240 hours)			3	All agri courses
Lit 10	Literatures in Mindanao	3		3	None	Ag 19b	Competency Skills Appraisal in Agriculture II	3		3	ALE courses
Ag 16	General Physiology & Toxicology	2	1	3	CP 2		Total			6	
Ag 17	Halal Food Production and Preparation & Introduction to Good Agricultural Practices	2	1	3	CS 2 AS 2						
Ag 19a	Competency Skills Appraisal in Agriculture I	3		3	ALE courses						
Ag 11c	Thesis 3 (Manuscript and Defense)/Major Farm Practice	2		2	Ag 11b						
Hist 10	Life and Works of Rizal	3	0	3	None						
	Total			20							

Summary of Units of the proposed BSA curriculum as per CMO 23 s.2021

Components	Units
General Education	36
Core courses	65
Major courses (12 units prescribed and 15 units specialized)	27
Practicum for Skill Development for Certificate of Agricultural Science	3
Thesis/Major Farm Practice (480 hours)	6
Apprenticeship/OJT/Industry Exposure (240 hours)	3
Spear	8
NSTP	6
Institutional Courses	12
Total	166

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Recommending Approval
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Effectivity A.Y 2024-2025

COURSE PROSPECTUS

Bachelor of Arts in Political Science

(CMO 51 s. 2017, AB PolSci; CMO 20 s. 2013, GEC)

FIRST YEAR											
First Semester						**Second Semester**					
Course No.	*Descriptive Title*	*Units*			*Prerequisite*	*Course No.*	*Descriptive Title*	*Units*			*Prerequisite*
		LEC	*LAB*	*TOTAL*				*LEC*	*LAB*	*TOTAL*	
Eng 10	Purposive Communication	3	0	3	None	Math 15	Mathematics in the Modern World	3	0	3	None
PerDev10	Understanding the Self	3	0	3	None	Hist 11	Readings in Philippine History	3	0	3	None
Hist 10	Life and Works of Jose P. Rizal	3	0	3	None	Hum 10	Art Appreciation	3	0	3	None
PolSci 100	Fundamentals of Political Science	3	0	3	None	PolSci 101	Introduction to Philippine Politics and Governance	3	0	3	PolSci 100
SocSci 11	Peace, Development and Indigenous Communities	3	0	3	None	PolSci 102	Introduction to Political Theory	3	0	3	PolSci 100
PED 1	Physical Activity Towards Health and Fitness (PATH Fit) 1;	2	0	2	None	PED 2	Physical Activity Towards Health and Fitness (PATH Fit) 2;	2	0	2	PED 1
NSTP1	CWTS/ROTC/LTS	3	0	3	None	NSTP 2	CWTS/ROTC/LTS	3	0	3	NSTP 1
TOTAL		**20**	**0**	**20**			**TOTAL**	**20**	**0**	**20**	

SECOND YEAR											
First Semester						*Second Semester*					
Course No.	*Descriptive Title*	*Units*			*Prerequisite*	*Course No.*	*Descriptive Title*	*Units*			*Prerequisite*
		LEC	*LAB*	*TOTAL*				*LEC*	*LAB*	*TOTAL*	
SocSci 10	The Contemporary World	3	0	3	None	SDG 101	Sustainable Development and Global Futures	*3*	*0*	*3*	*None*
Philo10	Ethics	3	0	3	None	STS 11	People and the Earth's Ecosystem	*3*	*0*	*3*	*None*
STS 10	Science, Technology and Society	3	0	3	None	LIT 10	Literatures in Mindanao	*3*	*0*	*3*	*None*
PolSci 103	Introduction to Political Analysis and Research	3	0	3	PolSci 101, 102	PolSci 104	Qualitative and Quantitative Analysis of Political Data	*3*	*0*	*3*	*PolSci 103*
PolSci 120	Political Science Elective 1	3	0	3	None	PolSci 131	Interdisciplinary Elective 2	*3*	*0*	*3*	*PolSci 130*
PolSci 130	Interdisciplinary Elective 1	3	0	3	None	PolSci 113	Parliamentary Procedure and Debate	*3*	*0*	*3*	*PolSci 103, 130*
PED 3	Physical Activity Towards Health and Fitness (PATH Fit) 3;	2	0	2	PED 2	PED 4	Physical Activity Towards Health and Fitness (PATH Fit) 4;	*2*	*0*	*2*	*PED 3*
TOTAL		**20**	**0**	**20**			*TOTAL*	**20**	**0**	*20*	

THIRD YEAR											
First Semester						**Second Semester**					
Course No.	*Descriptive Title*	*Units*			*Prerequisite*	*Course No.*	*Descriptive Title*	*Units*			*Prerequisite*
		LEC	*LAB*	*TOTAL*				*LEC*	*LAB*	*TOTAL*	
PolSci 105	Introduction to Comparative Government and Politics	3	0	3	PolSci 104	PolSci 108	Introduction to International Relations and Global Politics	3	0	3	PolSci 105, 121, 106, 132,
PolSci 121	Political Science Elective 2	3	0	3	PolSci 120	PolSci 107	Politics and Governance in Southeast Asia and ASEAN	3	0	3	PolSci 105, 121, 106, 132,
Polsci 106	Introduction to Philippine Public Administration	3	0	3	PolSci 104	PolSci 123	Political Science Elective 4	3	0	3	PolSci 105, 121, 106, 132,
PolSci 132	Interdisciplinary Elective 3	3	0	3	PolSci 131	PolSci 133	Interdisciplinary Elective 4	3	0	3	PolSci 105, 121, 106, 132,
PolSci 122	Political Science Elective 3	3	0	3	PolSci 121	PolSci 134	Interdisciplinary Elective 5	3	0	**3**	
	TOTAL	**15**	**0**	**15**			**TOTAL**	**15**	**0**	**15**	

FOURTH YEAR											
First Semester						**Second Semester**					
Course No.	*Descriptive Title*	*Units*			*Prerequisite*	*Course No.*	*Descriptive Title*	*Units*			*Prerequisite*
		LEC	*LAB*	*TOTAL*				*LEC*	*LAB*	*TOTAL*	
PolSci 135	Interdisciplinary Elective 6	3	0	3	Completed all First Year to Third Year Required Courses	PolSci PRAC	Practicum (240 hrs.)	0	3	3	Completed all Academic Requirement
PolSci 114	Undergraduate Thesis in Political Science 1	3	0	**3**		PolSci 115	Undergraduate Thesis in Political Science 2	3	0	3	PolSci 114
PolSci 114	Diplomatic Negotiation and Mediation	3	0	3							
PolSci 124	Political Science Elective 5	3	0	3							
	TOTAL	**12**	**0**	**12**				**3**	**3**	**6**	

SUMMARY OF UNITS	
General Education Courses	*36*
Required Courses	*36*
Political Science Elective	*15*
University Requirements	*9*
Interdisciplinary/Free Electives	*18*
Physical Education	*8*
NSTP (CWTS/ROTC/LTS)	*6*
Total Number of Units	**128**

Prepared by:

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Approved by:

CHERYLL L. BAUTISTA, DBM
Vice-President for Academic Affairs

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

"A university of excellence, innovation, and inclusion"

BACHELOR OF EARLY CHILDHOOD EDUCATION (BECed)

Per CMO No. 76, s. 2017; CMO NO. 20, s. 2013; CMO 57, s. 2017; CMO 80, s. 2017&CMO 04, s. 2018
Approved per BOT Resolution ***No.2018-06,*** *dated* ***18 May, 2018***

NAME: _____ **AY STARTED:** _____

ID No: _____

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
PerDev 10	Understanding the Self	3	None	SocSci 10	The Contemporary World	3	None
Math 15	Mathematics in the Modern World	3	None	Hist 10	Life and Works of Rizal	3	None
Eng 10	Purposive Communication	3	None	Hist 11	Readings in the Philippine History	3	None
Philo 10	Ethics	3	None	Lit 10	Literatures in Mindanao	3	None
STS 10	Science, Technology and Society	3	None	Educ 100	The Child and Adolescent Learning Principles	3	PerDev 10
Hum 10	Art Appreciation	3	None	Educ 101	The Teacher and the Community, School Culture and Organization	3	None
STS 11	People and Earth's Ecosystem	3	None	ECE 2	Health, Nutrition and Safety	3	None
ECE 1	Foundation of Early Childhood Education	3	None	ECE 4	Play and Developmentally Appropriate Practices in ECE	3	None
SPEAR 1	Movement Enhancement	(2)	None	SPEAR 2	Fitness Exercises	(2)	SPEAR 1
NSTP 1	LTS/CWTS/ROTC	(3)	None	NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		24				24	

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Educ 107	Assessment in Learning 1	3	None	Educ 103	Technology for Teaching and Learning 1	3	None
Educ 128	The Teacher and the School Curriculum	3	None	Educ 108	Assessment in Learning 2	3	Educ 107
ECE 3	Child Development	3	Educ 100	Educ 126	Facilitating Learner - Centered Teaching	3	Educ 100
ECE 6	Numeracy Development	3	None	Educ 130	Building and Enhancing Literacy Skills Across the Curriculum	3	Educ 128
ECE 7	Creative Arts, Music, and Movement in ECE	3	None	SocSci 11	Peace Development and Indigenous Community	3	None
ECE 8	Children's Literature	3	None	ECE 5	Inclusive Education in Early Childhood Setting	3	SNEd 1
SNEd 1	Foundations of Special and Inclusive Education	3	Educ 100	ECE 21	Content and Pedagogy in the Mother Tongue	3	None
FL 10	Foreign Language	3	None	SPEAR 4	Physical Activity Towards Health and Fitness (PATH) 2	(2)	Spear 2
SPEAR 3	Physical Activity Towards Health and Fitness (PATH) 1	(2)	Spear 2			21	
		24					

THIRD YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
ECE 9	Assessment of Children's Development and Learning	3	Educ 107	ECE 14	Early Childhood Education Curriculum Model	3	Educ 128
ECE 10	Literacy Development	3	ECE21/ Educ 130	ECE 15	Guiding Children's Behavior and Moral Development	3	None
ECE 11	Social Studies for Early Childhood Education	3	None	ECE 17	Early Learning Environment	3	None
ECE 12	Technology Teaching & Learning2-Utilization of Instructional Technology in Education	3	Educ 103	ECE 18	Management of Early Childhood Development Program	3	None
ECE 13	Science in Early Childhood Education	3	None	ECE 19	Research in Early Childhood Education	3	None
ECE 16	Infant and Toddler Programs	3	None	ECE 20	Family, School and Community Partnership	3	None
Educ 111	The Teaching Profession	3	Educ 101	ECE ST	Integrative Teaching Strategies	3	None
		21				21	

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
FS 100	Observation of Teaching-Learning in Actual School Environment	3	All Prof Ed & Major Courses	Educ 145	Teaching Internship	6	FS 100 & FS 101
FS 101	Participation and Teaching Assistantship	3		CSA 101	Competencies and Skills Appraisal for Prof.Ed Courses	2	None
CSA 100	Competencies and Skills Appraisal for Gen. Ed Courses	2	None	CSA 102	Competencies and Skills Appraisal for Specialization/Major Courses	2	None
		8				10	

Content Noted by CHED RO-XI

Dated on January 14, 2021

SUMMARY: UNITS

General Education Courses	36
Professional Education Courses	42
Specialized Courses	63
Mandated Courses (PE & NSTP)	14
Special Topics	3
Institutional Course	9
TOTAL:	**167**

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF ELEMENTARY EDUCATION

Per CHED Memorandum Order No. 74; CMO No.20, s.2013; CMO 57, s.2017&CMO 04, s.2018, CMO 80, s.2017

NAME: _____ **AY STARTED:** _____

ID No: _____

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
PerDev 10	Understanding the Self	3	None	SocSci 10	The Contemporary World	3	None
Hist 10	The Life and Works of Rizal	3	None	Math 15	Mathematics in the Modern World	3	None
Eng 10	Purposive Communication	3	None	STS 11	People & the Earth's Ecosystem	3	None
Hist 11	Readings in the Phil. History	3	None	Soc Sci 11	Peace Development & Indigenous Communities	3	None
STS 10	Science, Technology and Society	3	None	Lit 10	Literatures in Mindanao	3	None
Hum 10	Art Appreciation	3	None	Educ 100	The Child and Adolescent Learners and Learning Prins.	3	PerDev 10
Philo 10	Ethics	3	None	Educ 101	The Teacher & The Community, Sch. & Org. Ldrship	3	None
Spear 1	Movement Enhancement	(2)	None	Spear 2	Fitness Exercises	(2)	SPEAR 1
NSTP I	LTS/CWTS/ROTC	(3)	None	NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		21				**21**	

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Educ 103	Technology for Teaching and Learning 1	3	None	EEd 118	Technology for Teaching and Learning in the Elem. Grades	3	Educ 103
EEd 100	Teaching Science in the Primary Grades (Biology & Chemistry)	3	None	EEd 101	Teaching Science in the Intermediate Grades (Physics, Earth & Space Science)	3	EEd 100
EEd 106	Teaching Math in the Primary Grades	3	None	EEd 107	Teaching Math in the Intermediate Grades	3	EEd 106
EEd 102	Teaching Social Studies in the Primary Grades (Phil. History andGovernment)	3	None	EEd 103	Teaching Social Studies in the Intermediate Grades (Culture and Basic Geography)	3	EEd 102
EEd 104	Pagtuturo ng Filipino sa Elementarya (1) Estruktura at Gamit ng Wikang Filipino	3	None	EEd 105	Pagtuturo ng Filipino sa Elementarya (II) Panitikan ng Pilipinas	3	EEd 104
SNEd 1	Foundation of Special and Inclusive Education	3	Educ 100	EDUC 108	Assessment in Learning 2	3	Educ 107
Educ 107	Assessment in Learning 1	3	None	EDUC 130	Building and Enhancing New Literacies Skills Across the Curr.	3	None
SPEAR 3	Physical Activity Towards Health and Fitness (PATH Fit) 1	(2)	SPEAR 2	FL 10	Foreign Language	3	None
		21		SPEAR 4	Physical Activity Towards Health and Fitness (PATH Fit) 2	(2)	SPEAR 2
						24	

THIRD YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Educ 126	Facilitating Learner-Centered Teaching	3	Educ 100	EEd 116	Good Manners & Right Conduct (Edukasyon sa Pagpapakatao)	3	None
EEd 108	Edukasyong Pantahanan at Pangkabuhayan (1)	3	None	EEd 109	Edukasyong Pantahanan at Pangkabuhayan w/ Entrep.	3	EEd 108
EDUC 128	The Teacher and the Schhol Curriculum	3	Educ 101	EEd 110	Teaching Music in the Elementary Grades	3	None
EEd 113	Teaching English in the Elementary Grades (Language Arts)	3	None	EEd 111	Teaching Arts in the Elementary Grades	3	None
Educ 111	The Teaching Profession	3	Educ 100	EEd 112	Teaching P.E. in the Elementary Grades	3	None
EEd 115	Content and Pedagogy for the Mother Tongue	3	None	EEd 114	Teaching English in the Elementary Grades through Literature	3	EEd 113
EEd 117	Teaching Multi-grade Classes	3	None	EEd 119	Research in Education	3	None
		21				**21**	

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
FS 100	Observation of Teaching-Learning in Actual School Environment	3	All Prof Ed & Major Courses	Educ 145	Teaching Internship	6	FS 100 & FS 101
FS 101	Participation and Teaching Assistantship	3		CSA 101	Competencies and Skills Appraisal for Prof.Ed Courses	2	None
CSA 100	Competencies and Skills Appraisal for Gen. Ed Courses	2	None	CSA 102	Competencies and Skills Appraisal for Specialization/Major Courses	2	None
		8				**10**	

Content Noted by CHED RO-XI

Dated on January 14, 2021

SUMMARY: UNITS

General Education Courses	36
Professional Education Courses	42
Major Courses	57
Elective	3
Mandated Courses	14
Institutional Course	9
TOTAL:	**161**

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

"A university of excellence, innovation, and inclusion"

BACHELOR OF INDUSTRIAL TECHNOLOGY MANAGEMENT major in AUTOMOTIVE TECHNOLOGY

Per CMO 04, s. 2018

Approved per BOT Resolution No.2018-06, dated 18 May, 2018

NAME: _____ AY STARTED: _____

ID #: _____

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
AT 100	Occupational and Environmental Health and Safety Practices (1/0)	1	None	AT 104	Automotive Body Electrical System Servicing, Repair and Maintenance	3	AT 100, AT 101, AT102
AT 101	Internal Combustion Engine, Servicing, Repair and Maintenance (2/3)	3	None	AT 105	Front Loading Geometry and Undercar System (1/3)	2	AT 100, AT 101, AT102
AT 102	Automotive Service Shop Management and Maintenance (1/0)	1	None	AT 106	Preventive Maintenance and Gasoline/Diesel Engine Tune-Up and Troubleshooting (1/3)	2	AT 100, AT 101, AT102
AT 103	Technical Drawing 1 (1/3)	2	None	AT 107	Technical Drawing 2 (1/3)	2	AT 103
PERDEV 10	Understanding the Self	3	None	HIST 10	The Life and Works of Rizal	3	NONE
MATH 15	Mathematics in the Modern World	3	None	STS 10	Science, Technology and Society	3	NONE
SPEAR 1	Movement Enhancement	(2)	None	SPEAR 2	Fitness Exercises	(2)	SPEAR 1
NSTP 1	LTS/CWTS/ROTC	(3)	None	NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		13				**15**	

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
AT 120	Automotive Air-conditioning System Servicing, Repair and Maintenance	3	AT 102, AT 104, AT106	AT 124	Engine Overhauling and Rebuilding (2/3)	3	AT 101, AT 104, AT106
AT 121	Motorcycle and Small Engine Servicing, Repair and Maintenance (2/3)	3	AT 102, AT 104, AT106	AT 125	Automotive Body Painting (2/3)	3	AT 101, AT 104, AT122
AT 122	Automotive Body Repair (2/6)	4	AT 101, AT 102, AT104	AT 126	Basic Driving (Theory and Practice) (2/3)	3	AT 101, AT 104, AT106
AT 123	Technical Physics (1/3)	3	MATH 15	AT 127	Computer Aided Design (2/3)	3	AT 107
SocSci 10	The Contemporary World	3	None	ENG 10	Purposive Communication	3	None
SPEAR 3	Physical Activity Towards Health and Fitness (PATH Fit) 1	(2)	SPEAR 2	STS 11	People and the Earth's Ecosystem	3	None
		16		SPEAR 4	Physical Activity Towards Health and Fitness (PATH Fit) 2	(2)	SPEAR 2
						18	

MID YEAR

Course No.	Course Description	Units	Pre-requisite
IIM 1	Industry Immersion 1 (270 Hours)	5	All PRIOR MAJOR SUBJECTS
		5	

THIRD YEAR

FIRST SEMESTER			Pre-requisite	SECOND SEMESTER			
Course No.	Course Description	Units		Course No.	Course Description	Units	Pre-requisite
AT 130	Basic Power Technology (2/3)	**3**	AT 104	IIM 2	Industry Immersion 2 (540 Hours)	10	All PRIOR MAJOR SUBJECTS
AT 131	Basic Electronics and Engine Management System Operation and Maintenance (2/3)	**3**	AT104				
AT 132	Fuel Injection and Calibration (2/3)	**3**	AT 101				
IM 197	Statistics for Technology	**3**	MATH 15				
IM 198	Industrial Research with Introduction to Basic Research	**3**	ENG 10				
HIST 11	Readings in Philippine History	**3**	None				
		18					

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
IM 199	Technology in Specialized Field - Project Study (1/6)	3	IM 198	IM 141	Introduction to Entrepreneurship	3	SENIOR STANDING
IM 140	Concept and Dynamics of Management	3	SENIOR STANDING	IM 142	Introduction to Human Behavior in Organization	3	IM 140
SOCSCI 11	Peace Development and Indigenous Communities	3	None	IM 143	Introduction to Human Resource Management	3	IM 140
PHILO 10	Ethics	3	None	IM 144	Technology Shop Lay-out and Management	3	IM 140
LIT 10	Literatures in Mindanao	3	None	IM 145	Production Management for Technology	3	IM 140
HUM 10	Art Appreciation	3	None	IM 146	Industrial Psychology and Management	3	SENIOR STANDING
		18				**18**	

Content Noted by CHED RO-XI
Dated on July 23, 2018

SUMMARY: UNITS

General Education Courses	36
Professional Courses	45
Major Courses	50
Mandated Courses	14
	_____

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TOTAL:	**145**

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF PHYSICAL EDUCATION

Per CHED Memorandum Order No. 20, s.2013; CMO 57, s.2017; CMO 80, s.2017; CMO 04, s.2018

NAME: _____ **AY STARTED:** _____

ID No: _____

FIRST YEAR

FIRST SEMESTER

Course No.	Course Description	Units	Pre-requisite
PerDev10	Understanding the Self	3	None
Hist 11	Readings in Philippine History	3	None
Philo 10	Ethics	3	None
Math 15	Mathematics in the Modern World	3	None
PEd 127	Music in the K-12 Curriculum	3	None
PEd 101	Philo'l & Soco-anthro'l Found'ns of PE & Sports	3	None
PEd 102	Anatomy and Physiology of Human Movement	3	None
STS 10	Science, Technology and Society	3	None
SPEAR 1	Movement Enhancement	(2)	None
NSTP 1	LTS/CWTS/ROTC	(3)	None
		24	

SECOND SEMESTER

Course No.	Course Description	Units	Pre-requisite
SocSci 10	The Contemporary World	3	None
Eng 10	Purposive Communication	3	None
Hist 10	Life and Works of Rizal	3	None
PEd 103	Physio of Exercise & Physical Activity	3	PEd 102
PEd 104	Prin's Mtr Cntrl & Learn'g of Exrcis, Sports & Dance	3	PEd 102
PEd 106	Sports & Exercise Psychology	3	PEd 101
Educ 100	The Child & Adolscnt Learner & Learn'ng Prin	3	PerDev10
Lit 10	Literatures in Mindanao	3	None
SPEAR 2	Fitness Exercises	(2)	SPEAR 1
NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		24	

SECOND YEAR

FIRST SEMESTER

Course No.	Course Description	Units	Pre-requisite
STS 11	People and the Earth's Ecosystem	3	None
SocSci 11	Peace Development & Indigenous Communities	3	None
FL 10	Foreign Language	3	None
PEd 111	Movement Education	3	PEd 104
PEd 118	Coordinated Sch Health Education Program	3	PEd 101
PEd 110	Appl'd Mtor Cntrl & Learn'g of Exrcs, Sprts & Dance	3	PEd 104
Educ 101	The T'cher& the Comnty, Sch Cult& Org'l Ldrshp	3	None
Educ 103	Tech for Teaching & Learning 1	3	None
SPEAR 3	Physical Activity Towards Health and Fitness (PATH Fit) 1	(2)	SPEAR 2
		24	

SECOND SEMESTER

Course No.	Course Description	Units	Pre-requisite
Hum 10	Art Appreciation	3	None
PEd 114	Indi & Dual Sports [Rackets, Athletics & Martial Arts	3	SPEAR 3; PEd 111
PEd 112	Philippine Traditional Dances	3	SPEAR 3; PEd 111
PEd 119	Personal, Community & Environmental Health	3	PEd 101
PEd 120	Emergency Preparedness & Response Mgt	3	PEd 101, 102
Educ 107	Assessment of Learning 1	3	None
SNEd 1	Found'n of Special & Inclusive Education	3	Educ 100
SPEAR 4	Physical Activity Towards Health and Fitness (PATH Fit) 2	(2)	SPEAR 2
		21	

THIRD YEAR

FIRST SEMESTER

Course No.	Course Description	Units	Pre-requisite
PEd 107	Curr & Assessment for PE & Health Ed	3	Educ 107
PEd 115	Team Sports [Soccer, BasketB, VB & SB/BB, Ultmte, HB, FlrB, Ftsl]	3	SPEAR 4; PEd 111
PEd 109	Tech Applctn in Teach'g PE & Hlth Ed including IMs Dev't.	3	Educ 103
PEd 113	International Dance and Other Forms	3	PEd 112
Educ 126	Facilitating Learner Cntered Teaching & Learning	3	Educ 100
Educ 128	The Teacher and School Curriculum	3	Educ 101
Educ 108	Assessment of Learning 2	3	Educ 107
		21	

SECOND SEMESTER

Course No.	Course Description	Units	Pre-requisite
PEd 105	Research I in PE & Health Ed [Research Proposal]	3	Eng 10
PEd 108	Process of Teaching PE and Health	3	PEd 107
PEd 116	Phil Trad'l Games & Sports [Larong-lahi, Sipa, Arnis]	3	PEd 111
PEd 122	Adm & Mgt of PE & Health Ed Programs	3	PEd 101
PEd 128	Arts in the K-12 Curriculum	3	PEd 101
Educ 130	Building & Enhancing Literacy Across the Curriculum	3	None
Educ 111	The Teaching Profession	3	Educ 101
		21	

MID YEAR

FIRST SEMESTER

Course No.	Course Description	Units	Pre-requisite
PEd 117	Swimming and Aquatics	3	PEd 111
PEd 121	Drug Ed., Consumer Health & Eating Habits	3	PEd 101
		6	

FOURTH YEAR

FIRST SEMESTER

Course No.	Course Description	Units	Pre-requisite
FS 100	Observation of Teaching-Learning in Actual School Environment	3	All Prof Ed & Major Courses
FS 101	Participation and Teaching Assistantship	3	
CSA 100	Competencies and Skills Appraisal for Gen. Ed Courses	2	None
		8	

SECOND SEMESTER

Course No.	Course Description	Units	Pre-requisite
Educ 145	Teaching Internship	6	FS 100 & FS 101
CSA 101	Competencies and Skills Appraisal for Prof.Ed Courses	2	None
CSA 102	Competencies and Skills Appraisal for Specialization/Major Courses	2	None
		10	

Content Noted by CHED RO-XI

Dated on January 14, 2021

SUMMARY: UNITS

General Education Courses	36
Professional Education Courses	42
Major/Specialization Courses	63
Elective Courses	6
Mandated Courses [PE(8) & NSTP(6)]	14
Institutional Course	12
TOTAL:	**173**

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF SCIENCE IN CRIMINOLOGY

Per CMO No. 20, s. 2013 & CMO 05, s. 2018, CMO No. 01&02, s. 2019

NAME: _____ AY STARTED: _____

ID #: _____

FIRST YEAR

FIRST SEMESTER

Course No.	Course Description	Units	Pre-requisite
STS 11	People and the Earth's Ecosystem	3	None
SocSci 10	The Contemporary World	3	None
Eng 10	Purposive Communication	3	None
STS 10	Science, Technology and Society	3	None
LEA 100	Law Enforcement Organization and Administration	4	None
Crim 100	Introduction to Criminology	3	None
PE 100	Fundamentals of Martial Arts	(2)	None
NSTP 1	LTS/CWTS/ROTC	(3)	None
		19	

SECOND SEMESTER

Course No.	Course Description	Units	Pre-requisite
Hum 10	Art Appreciation	3	None
Math 15	Mathematics in the Modern World	3	None
PerDev 10	Understanding the Self	3	None
Hist 11	Readings in the Philippine History	3	None
Crim 101	Theories of Crime Causation	3	Crim 100
Crim 102	Human Behavior and Victimology	3	Crim 100
CLJ 100	Introduction to Philippine Criminal Justice System	3	None
PE 101	Arnis and Disarming Technique	(2)	PE 100
NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		21	

SECOND YEAR

FIRST SEMESTER

Course No.	Course Description	Units	Pre-requisite
CLJ 101	Human Rights Education	3	CLJ 100
LEA 101	Comparative Models in Policing	3	LEA 100
FL 10	Foreign Language	3	None
CDI 100	Fundamentals of Criminal Investigation and Intelligence	4	None
Crim 103	Professional Conduct and Ethical Standards	3	Crim 101, Crim 102
Chem 10	General Chemistry	3	None
Forensic 100	Forensic Photography	3	None
PE 102	First Aid and Water Safety	(2)	PE 101
		22	

SECOND SEMESTER

Course No.	Course Description	Units	Pre-requisite
MTS 13	Living in the IT Era	3	None
Crim 104	Juvenile Delinquency and Juvenile Justice System	3	Crim 103
CDI 101	Specialized Crime Investigation 1 with Legal Medicine	3	CDI 100
Philo 10	Ethics	3	None
CLJ 102	Criminal Law (Book 1)	3	CLJ 101
Forensic 101	Personal Identification Techniques	3	Forensic 100
LEA 102	Introduction to Industrial Security Concepts	3	LEA 101
PE 103	Fundamentals of Marksmanship	(2)	PE 102
		21	

MID YEAR

Course No.	Course Description	Units	Pre-requisite
CDI 102	Special Crime Investigation 2 with Simulation on Interrogation & Interview	3	CDI 100
CFLM 1	Character Formation 1 Nationalism and Patriotism	3	None
Crim 105	Dispute Resolution and Crises/Incidents Mgt.	3	Crim 104
		9	

THIRD YEAR

FIRST SEMESTER

Course No.	Course Description	Units	Pre-requisite
SocSci 11	Peace, Development and Indigenous Communities	3	None
Forensic 102	Forensic Chemistry and Toxicology	5	Chem 10, Forensic 101
Forensic 103	Questioned Documents Examination	3	Forensic 101
CLJ 103	Criminal Law (Book 2)	4	CLJ 102
CDI 103	Traffic Management and Accident Investigation with Driving	3	CDI 102
LEA 103	Law Enforcement Operations and Planning with Crime Mapping	3	LEA 102
Hum 11	Philippine Pop Culture	3	None
		24	

SECOND SEMESTER

Course No.	Course Description	Units	Pre-requisite
CDI 104	Technical English 1 (Investigative Report Writing and Presentation)	3	CDI 103
Crim 106	Criminological Research 1 (Research Methods with Applied Statistics)	3	Crim 105
CLJ 104	Evidence	3	CLJ 103
CDI 105	Fire Protection and Arson Investigation	3	CDI 103
Forensic 104	Lie Detection Techniques	3	Forensic 103
CA 100	Institutional Corrections	3	None
CFLM 2	Character Formation 2 Leadership, Decision Making, Management, and Administration	3	CFLM 1
		21	

MID YEAR

Course No.	Course Description	Units	Pre-requisite
CA 101	Non-Institutional Corrections	3	CA 100
CDI 106	Technical English 2 (Legal Forms)	3	CDI 104
Hist 10	Life and Works of Rizal	3	None
		9	

FOURTH YEAR

FIRST SEMESTER

Course No.	Course Description	Units	Pre-requisite
CDI 108	Introduction to Cybercrime, Environmental Laws & Protection	3	CDI 106
CLJ 105	Criminal Procedure and Court Testimony	3	CLJ 104
Crim 107	Criminological Research 2 (Thesis Writing and Presentation)	3	Crim 106
Forensic 105	Forensic Ballistics	3	Forensic 104
Practicum	OJT 1	3	Senior Standing
CA 102	Therapeutic Modalities	2	CA 101
CDI 107	Vice and Drug Education and Control	3	CDI 106
		20	

SECOND SEMESTER

Course No.	Course Description	Units	Pre-requisite
Practicum	OJT 2	3	Practicum 1
IC 400	Proficiency Assessment Course	3	All Gen Ed & Prof Subjs.
		6	

SUMMARY: UNITS

General Education Courses	**39**
Additional Course GE	3
National Service Training Program (ROTC)	(6)
Physical Education	(8)
Professional Courses	124
Institutional Courses	6
TOTAL:	**186**

Content Noted by CHED RO-XI
Dated on February 2021

BACHELOR OF SCIENCE IN MATHEMATICS with Research Statistics
Per CMO No.20 s. 2013, CMO No. 48 s. 2017, CMO No. 4, 2018
Approved per BOT Resolution No.2018-06 dated 18 May, 2018

FIRST YEAR

First Semester

COURSE NO.	DESCRIPTIVE TITLE	UNITS			PREREQUISITES
		LEC	LAB	TOTAL	
Math 108	Calculus I	4	0	4	None
Math 104	Fundamentals of Computing I	1	2	3	None
Math 100	History and Development of Fundamental Ideas in Mathematics	3	0	3	None
Math 15	Mathematics in the Modern World	3	0	3	None
Eng 10	Purposive Communication	3	0	3	None
Socio 10	The Contemporary World	3	0	3	None
SPEAR 1		(2)	0	(2)	None
NSTP 1	CWTS/ROTC 1	(3)	0	(3)	None
TOTAL		17	2	**19**	

Second Semester

COURSE NO.	DESCRIPTIVE TITLE	UNITS			PREREQUISITES
		LEC	LAB	TOTAL	
Math 109	Calculus II	4	0	4	Math 108
Math 106	Fundamental Concepts of Math	3	0	3	Math 15
Fili 10	Kontekstwalisadong Komunikasyong Filipino	3	0	3	None
Hist 10	Life and Works of Rizal	3	0	3	None
Hum 10	Art Appreciation	3	0	3	None
PerDev 10	Understanding the Self	3	0	3	None
SPEAR 2		(2)	0	(2)	SPEAR 1
NSTP 2	CWTS/ROTC 2	(3)	0	(3)	NSTP 1
TOTAL		19	0	**19**	

SECOND YEAR

First Semester

Math 110	Calculus III	4	0	4	Math 109
Math 111	Set Theory	3	0	3	Math 106
Math 112	Linear Algebra	3	0	3	Math 108
Phys 10	General Physics	3	1	4	None
Lit 10	Literatures in Mindanao	3	0	3	None
Fili 12	Inobasyon sa Wikang Filipino	3	0	3	Fili 10
SPEAR 3		(2)	0	(2)	SPEAR 1
TOTAL		**19**	**1**	**20**	

Second Semester

Math 117	Abstract Algebra I	3	0	3	Math 111
Math 119	Probability	3	0	3	Math 106
Math 115	Differential Equations	3	0	3	Math 108
Math 129	Operations Research	1	2	3	Math 112
Chem 10	General Chemistry	3	0	3	None
Hist 11	Readings in Philippine History	3	0	3	None
SPEAR 4		(2)	0	(2)	SPEAR 1
TOTAL		16	2	**18**	

THIRD YEAR

First Semester

Math 127	Statistical Theory	3	0	3	Math 119
Math 134	Number Theory	3	0	3	Math 117
Stat 122	Non-Parametric Statistics	1	2	3	Math 112
Stat 121	Statistical Analysis	1	2	3	Math 119
Stat 124	Experimental Design	1	2	3	Math 112
TOTAL		9	6	**15**	

Second Semester

Stat 123	Regression Analysis	1	2	3	Stat 121
Stat 125	Time-series Analysis	1	2	3	Stat 121
Math 133	Mathematical Modeling	1	2	3	Math 127
Math 113	Advanced Calculus I	3	0	3	Math 110
Philo 10	Ethics	3	0	3	None
TOTAL		9	6	**15**	

FOURTH YEAR

First Semester

Math 144	Complex Analysis	3	0	3	Math 113
Math 143	Real Analysis	3	0	3	Math 117
Math 198	Thesis A	3	0	3	Completed 1st - 3rd year subjects
STS 10	Science, Technology and Society	3	0	3	None
TOTAL		12	0	**12**	

Second Semester

Math 145	Topology	3	0	3	Math 143
Stat 128	Applied Multivariate Analysis	1	2	3	Stat 124
Math 199	Thesis B	3	0	3	Math 198
TOTAL		7	2	**9**	

SUMMARY OF UNITS

Major Courses	**51**
General Education	**36**
Non-math Foundational courses	**10**
Electives	**21**
Mandated Courses	**3**
Physical Education	**8**
NSTP	**6**
Thesis	**3**
Institutional Course	**3**
TOTAL	**141**

COMMISSION ON HIGHER EDUCATION
REGION XI
CONTENTS NOTED:
NELIA A. ALIBIN, Ph.D.
Education Supervisor II
Date: 6/29/18

CERTIFIED TRUE COP
PHILIP YNCIERTO
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Instructor I

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DAVAO ORIENTAL STATE UNIVERSITY

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COURSE PROSPECTUS

(BACHELOR OF SCIENCE IN PSYCHOLOGY)
(per CHED MEMO 34 s. 2017)

FIRST YEAR											
First Semester						**Second Semester**					
COURSE NO.	***DESCRIPTIVE TITLE***	***UNITS***			***PREREQUISITES***	***COURSE NO.***	***DESCRIPTIVE TITLE***	***UNITS***			***PREREQUISITES***
		LEC	*LAB*	*TOTAL*				*LEC*	*LAB*	*TOTAL*	
Hist 10	Life and Works of Rizal	3	0	3	none	Per Dev 10	Understanding the Self	3	0	3	none
STS 10	Science Technology and Society – 1	3	0	3	none	Eng 10	Purposive Communication	3	0	3	none
SSE 1	Gender and Society	3	0	3	none	Hum 10	Art Appreciation	3	0	3	none
Soc Sci 10	The Contemporary World	3	0	3	none	Psy 102	Psychological Statistics	3	2	5	Psy 101
Zoo 100	General Zoology	3	2	**5**	none	Math 15	Mathematics in the Modern World	3	0	3	none
Psy 101	Introduction to Psychology	3	0	3	none	Philo 10	Ethics	3	0	3	none
PED 1	Physical Activity towards Health and Fitness -1	(2)	0	(2)	none	PED 2	Physical Activity towards Health and Fitness -2	(2)	0	(2)	PED 1
NSTP 1	LTS/CWTS/ROTC-2	(3)	0	(3)	none	NSTP 2	LTS/CWTS/ROTC-2	(3)	0	(3)	NSTP 1
TOTAL		23	2	**25**			**TOTAL**	23	2	**25**	

SECOND YEAR											
Hist 11	Readings in Philippine History	3	0	3	none	Bio 106	General Physiology	3	2	5	Zoo 100, Bot 100
Bot 100	General Botany	3	2	5	none	Soc Sci 11	Peace, Development and Indigenous Communities	3	0	3	none
Lit 10	Literatures in Mindanao	3	0	3	none	Psy 204	Physiological Psychology	3	0	3	Psy 101
Psy 201	Developmental Psychology	3	0	3	Psy 101	Psy 205	Field Methods in Psychology	3	2	5	Psy 203
Psy 202	Theories of Personality	3	0	3	Psy 101	Psy 206	Psychological Assessment	3	2	5	Psy 102, Psy 202
Psy 203	Experimental Psychology	3	2	5	Psy 102	PED 4	Physical Activity towards Health and Fitness - 4	(2)	0	(2)	PED 3
PED 3	Physical Activity towards Health and Fitness - 3	(2)	0	(2)	PED 2						
TOTAL		20	4	**24**		**TOTAL**		17	6	**23**	

THIRD YEAR											
Psy 301	Cognitive Psychology	3	0	3	Psy 101, Psy 102	Psy 306-A	Research in Psychology 1	3	0	3	Psy 203, Psy 205
Psy 302	Abnormal Psychology	3	0	3	Psy 202	Psy 307	Industrial Organization Psychology	3	0	3	Psy 203
Psy 303	Elective 1: Educational Psychology	3	0	3	Psy 201	Psy 308	Psychological Counseling and Psychotherapy	3	0	3	Psy 202, Psy 302
Psy 304	Elective 2" Group Dynamics	3	0	3	Psy 101	Psy 309	Clinical Psychology	3	0	3	Psy 302
Psy 305	Elective 3: Community Health Psychology	3	0	3	Psy 203	Psy 310	Elective 4: Human Resource Employees Staffing and Development	3	0	3	Psy 202
BioChem 101	Chemical Biology 1 (Organic molecules)	3	2	5	none	Psy 311	Filipino Psychology	3	0	3	Psy 101
TOTAL		18	2	**20**		**TOTAL**		18	0	**18**	

FOURTH YEAR											
Psy 401	Social psychology	3	0	3	Psy 203	Psy 403	Internship (Practicum)	3	0	3	Psy 205, Psy 206, Psy 302, Psy 303, Psy 304, Psy 305, Psy 307, Psy 308, Psy 309, Psy 310
Psy 306-B	Research in Psychology 2	3	0	3	Psy 306-A	Psy 404	Elective 5: Human Behavior in Regenerative Society	3	0	3	Psy 304
Psy 402	Competency Skills Assessment	3	0	3	Psy 202, Psy 205, Psy 206, Psy 302, Psy 307, Psy 311	Psy 405	Elective 6: Disaster and Mental Health	3	0	3	Psy 305
TOTAL		9	0	**9**		**TOTAL**		9	0	**9**	

SUMMARY OF UNITS	
General Education Courses	*39*
Basic Courses	*8*
Required Courses	*45*
Psychology Elective Series	*30*
Natural Science	*20*
PE	*8*
NSTP	*6*
Total Number of Units	**156**

Prepared by:

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Dean

Approved by:

CHERYLL L. BAUTISTA, DBM
VP for Academic Affairs

DAVAO ORIENTAL STATE COLLEGE
OF SCIENCE AND TECHNOLOGY
COURSE PROSPECTUS

BACHELOR OF SCIENCE IN AGRICULTURE MAJOR IN HORTICULTURE

Per CHED Memorandum Order No 14_, series of 2008 and CMO 20, s. 2013, CMO 18, s. 2019, CMO 23, s. 2010

FIRST YEAR

First Semester

COURSE NO.	DESCRIPTIVE TITLE	UNITS			PREREQUISITES
		LEC	LAB	TOTAL	
Agri 101	Introduction to Agriculture	1	0	1	None
Math 15	Mathematics in the Modern World	3	0	3	None
STS10	Science, Technology & Society	3	0	3	None
SocSci 10	The Contemporary World	3	0	3	None
CropSci101	Principles of Crop Production	2	1	3	None
AnSci101	Introduction to Animal Science	2	1	3	None
Lit 10	Literatures in Mindanao	3	0	3	None
Spear 1	Movement Enhancement	(2)	0	(2)	None
NSTP 1	LTS/CWTS/ROTC	(3)	0	(3)	None
Total				*19*	

Second Semester

COURSE NO.	DESCRIPTIVE TITLE	UNITS			PREREQUISITES
		LEC	LAB	TOTAL	
Crop Sci102	Practices of Crop Production	2	1	3	Crop Sci 101
PerDev10	Understanding the Self	3	0	3	None
CropProt101	Principles of Crop Protection	2	1	3	Crop Sci 101
Soil Sci 101	Principles of Soil Science	2	1	3	Crop Sci 101
An Sci 102	Introduction to Livestock & Poultry Production	2	1	3	An Sci 101
Engl 10	Purposive Communication	3	0	3	None
Hist 11	Readings in Philippine History	3	0	3	None
Spear 2	Fitness Exercises	(2)	0	(2)	Spear 1
NSTP 2	LTS/CWTS/ROTC	(3)	0	(3)	NSTP 1
TOTAL				21	

FIRST MIDYEAR

Practicum	Agricultural Skills Development (240 hours)	6	*All first year Agriculture subjects*

SECOND YEAR

First Semester

COURSE NO.	DESCRIPTIVE TITLE	UNITS			PREREQUISITES
		LEC	LAB	TOTAL	
Agri 102	Introduction to Ecological Agriculture	3	0	3	Agri101
AnSci103	Animal Nutrition and Feeding	2	1	3	AnSci102
Agri 103	Genetics	3	0	3	None
CropProt 102	Approaches & Practices in Pest Mgt.	2	1	3	Crop Prot 101
SoilSci102	Soil Fertility, Conservation and Management	2	1	3	Soil Sci 101
Agext101	Agricultural Extension and Communication	3	0	3	Ansci 101, CropSci 101
STS 11	People and the Earth's Ecosystem	3	0	3	None
Spear 3	Physical Activity Towards Health and Fitness 1	(2)	0	(2)	Spear 2
TOTAL				21	

Second Semester

COURSE NO.	DESCRIPTIVE TITLE	UNITS			PREREQUISITES
		LEC	LAB	TOTAL	
Ag Econ101	Agricultural Economics and Marketing	3	0	3	None
Agri 104	Beneficial Arthropods & Microorganisms	2	1	3	CropProt 101
AgEcon 102	Introduction to Enterprise and Entrepreneurship	3	0	3	None
Agri 106	Slaughter of Animals and Processing of their Products	1	2	3	Ansci 101
Agri 105	Post-Harvest Handling & Seed Technology	2	1	3	Crop Sci 102
SocSci 11	Peace Development & Indigenous Communities	3		3	None
Spear 4	Physical Activity Towards Health and Fitness 2	(2)		(2)	Spear 3
TOTAL				18	

After satisfactorily completing the first two years, BSA students shall be awarded with Certificate of Agricultural Science (CAS)

THIRD YEAR

First Semester

COURSE NO.	DESCRIPTIVE TITLE	UNITS			PREREQUISITES
		LEC	LAB	TOTAL	
Philo10	Ethics	3	0	3	None
Horti101	Introduction to Horticulture	2	1	3	Crop Sci 102
Horti102	Plant Propagation & Nursery Mgt.	2	1	3	Crop Sci 102
Horti103	Micro propagation Techniques	2	1	3	Crop Sci 102
Agri 107	General Physiology & Toxicology	2	1	3	Crop Prot 101 & 102
Agri 108	Agribusiness Commodity System	2	1	3	None
AgEng101	Fundamentals of Agricultural Engineering	2	1	3	Math 15
TOTAL				21	

Second Semester

COURSE NO.	DESCRIPTIVE TITLE	UNITS			PREREQUISITES
		LEC	LAB	TOTAL	
Horti 104	Fruit Production & Mgt	2	1	3	Crop Sci 102
Horti 105	Vegetable Production & Mgt	2	1	3	Crop Sci 102
Horti 106	Plantation Crop Production & Management	2	1	3	Crop Sci 102
Agri109	Methods of Agricultural Research	2	1	3	Crop Sci 102
Hum 10	Art Appreciation	3	0	3	None
Hist 10	Life & Works of Rizal	3	0	3	None
Soil Sci 103	Soil Survey, Classification and Land-use	2	1	3	SoilSci 102
TOTAL				21	

MIDYEAR

Horti 109a / Horti 109 b	**Internship (240 hours) / Thesis (outlining)**	0	0	6 / 2	Technical course from first year to third year

FOURTH YEAR

First Semester

COURSE NO.	DESCRIPTIVE TITLE	UNITS			PREREQUISITES
		LEC	LAB	TOTAL	
Agri 110	Biotechnology and Society	3	0	3	None
Agri 112	Principles and Practices of Plant Breeding, Propagation and Nursery Management	2	1	3	Crop Sci 102
Horti 107	Ornamental Crops Production, Landscaping & Plant Arts	2	1	3	CropSci 102
Horti 108	Sustainable Farming Systems	2	1	3	CropSci10 2
Agri 111	Basics of Project Study and Development	3	0	3	AgEcon 101
Agri 113	Agricultural Policy and Development	3	0	3	SocSci 10, AgEcon 101
*Horti 109c	Thesis (Experimentation)	0	0	2	Horti109b
TOTAL				20	

Second Semester

COURSE NO.	DESCRIPTIVE TITLE	UNITS			PREREQUISITES
		LEC	LAB	TOTAL	
Agri 114	Financial Management for Agri-based Enterprise	3	0	3	AgEcon 102
AgExt 102	Management of Extension Programs	2	1	3	AgExt 101
Agri 115	Colloquium	1	0	1	None
Agri 116	Seminar A	1	0	1	None
Agri 117	Seminar B	1	0	1	None
**Horti 109d	Thesis (manuscript and defense)	0	0	2	Horti 109c
FL 10	Foreign Language	3	0	3	None
TOTAL UNITS				14	

Note : 4th year 1st sem. 20 units-for thesis students
18 units- for non-thesis students
4th year 2nd sem. 14 units- for thesis students
9 units – for non-thesis students

SUMMARY OF UNITS

General courses =	36 units
Core courses =	39 units
Fundamental courses= =	49 units
Major courses=	24 units
Practicum =	6 units
Thesis writing=	6 units
Additional course=	3 units
Mandated course =	14 units
TOTAL	177 units

REGIONAL OFFICE XI
DAVAO CITY
LOURDES D. [illegible] EAD, RA, MPA
Education Program Supervisor II
DATE: 1/9/21

Prepared by:
MAYREN D. CRUZ
Program Head

Reviewed by:
NELSON P. PASTOLERO, Ph.D.
Dean IALS

Recommending approval:
MA. CECILIA L. CATUBIG ,Ph.D.
Director for Instruction

Approved by:
ROSELYN V. REGINO Ph.D.
VP for Academic Affairs

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

"A university of excellence, innovation, and inclusion"

BACHELOR OF SCIENCE IN AGRIBUSINESS MANEGEMENT

Per CMO No. 24, s. 2007 and CMO 20, s. 2013

NAME: _____ **AY STARTED:** _____

ID No: _____

FIRST YEAR

FIRST SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
Philo 10	Ethics	3	0	3	
Math 15	Mathematics in the Modern World	3	0	3	
Eng 10	Purposive Communication	3	0	3	
AM 110	Concepts and Dynamics of Management	3	0	3	
AM 111	Principles of Accounting	3	0	3	
AM 112	Principles of Economics	3	0	3	
Agri 101	Introduction to Agriculture	1	0	1	
Crop Sci 101	Fundamentals of Crop Science	2	1	3	
Spear 1	Movement Enhancement	2	0	(2)	
NSTP 1	LTS/CWTS/ROTC	3	0	(3)	
		21	1	**22**	

SECOND SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
Soc Sci 10	The Contemporary World	3	0	3	
STS 10	Science Technology and Society	3	0	3	
Per Dev 10	Understanding the Self	3	0	3	
AM 113	Managerial Accounting	3	0	3	AM 111
AM 114	Business and Income Taxation	3	0	3	AM 112
AM 115	Intermediate Microeconomics Theory	3	0	3	AM 112
AM 116	Introduction to Agribusiness Mgt.	3	0	3	AM 110
Spear 2	Fitness Exercises	2	0	(2)	Spear 1
NSTP 2	LTS/CWTS/ROTC	3	0	(3)	NSTP 1
		21	0	**21**	

SECOND YEAR

FIRST SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
AM 120	Introduction to Entrepreneurship	3	0	3	AM 110
AM 121	Introduction to Human Behavior in Org.	3	0	3	AM 110
AM 122	Cooperative Mgt. and Governance	3	0	3	AM 110
STS 11	People and the Earth's Ecosystem	3	0	3	
An Sci 101	Introduction to Animal Science	2	1	3	
Ag Eng 101	Agricultural Engineering	2	1	3	Math 15
Hum 10	Art Appreciation	3	0	3	
Spear 3	Physical Act. Towards Health & Fitness (PATH Fit) 1	2	0	(2)	Spear 1
		19	2	**21**	

SECOND SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
Crop Prot 10	Entomology	2	1	3	Crop Sci 101
AnSci 102	Introduction to Livestock & Poultry Prod.	2	1	3	An Sci 101, Agri 101
Soil Sci 101	Principles of Soil Science	2	1	3	CropSci 101
Ag Ext 101	Agricultural Extension and Communication	3	0	3	Crop Sci 101, An Sci 101
AM 123	New Enterprise Planning	3	0	3	AM 116, AM 120
AM 124	Introduction to Human Resource Mgt.	3	0	3	AM 121
AM 125	Introduction to Managerial Economics	3	0	3	AM 112
Spear 4	Physical Act. Towards Health and Fitness (PATH Fit) 2	2	0	(2)	Spear 1
		18	3	**21**	

THIRD YEAR

FIRST SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
Lit 10	Literatures in Mindanao	3	0	3	
Hist 10	The Life and Works of Rizal	3	0	3	
Crop Prot 10	Plant Pathology	2	1	3	Crop Prot 101
Crop Sci 102	Fundamentals of Horticulture	2	1	3	Crop Sci 101
AM 130	Introduction to Marketing Management	3	0	3	AM 110, AM 111
AM 131	Intro. to Org'n & Mgt. of Small Business	3	0	3	AM 110, AM 120
AM 132	Agribusiness Research Methodology	3	0	3	Eng 10, Math 15
		19	2	**21**	

SECOND SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
Hist 11	Readings in Philippine History	3	0	3	
Soc Sci 11	Peace, Dev't & Indigenous Communities	3	0	3	
AM 133	Value Chain Management	3	0	3	AM 116
AM 134	Business Law	3	0	3	AM 110
AM 135	Introduction to Financial Management	3	0	3	AM 113
AM 136	Introduction to International Marketing	3	0	3	AM 130
AM 137	Intro. to Prod. & Operations Management	3	0	3	AM 110, AM 116
Elective	Food Processing			3	
				24	

MID YEAR

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
AM 140	Supervised Field Experience	6	0	6	All Agriculture
		6	0	**6**	Board Courses & AM 132

***Elective Courses: 3 units**

FL10	Foreign Language
AM Elec 1	Food Processing
AM Elec 2	Fisheries

FOURTH YEAR

FIRST SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
AM 141	Introduction to Strategic Management	3	0	3	AM 134
AM 142	Introduction to Management Science	3	0	3	AM 125, AM 137
AM 143	Introduction to Proj. Feasibility Study/Proj. Benefit Monitoring Evaluation	3	0	3	AM 121, AM 130, AM 135, AM 137
		9	0	**9**	

SECOND SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
AM 144	Introduction to Investment Management	3	0	3	AM 135
AM 145	Special Problem	3	0	3	AM 143
		6	0	**6**	

Contents Noted by CHED RO-XI Dated on January 18, 2021

SUMMARY:	UNITS
General Education Courses	36
Fundamentals Agriculture	27
Core Courses	21
Major Courses	39
Practicum	6
Thesis Writing	3
Elective Courses	3
Institutional Added Courses	16
Mandated Courses (NSTP/PE)	(14)
TOTAL NUMBER OF UNITS	**151**

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Major in Financial Management

Per CMO No.17, S. 2017, CMO No. 20, s. 2013, CMO No. 46, s. 2012, CMO No. 23, s. 2010, CMO No. 1 &2, s. 2019

NAME _____ **AY STARTED:** _____

FIRST YEAR

FIRST SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
Hum 10	Art Appreciation	3	0	3	
Hist 11	Readings in Philippine History	3	0	3	
SocSci 10	The Contemporary World	3	0	3	
Math 15	Mathematics in the Modern World	3	0	3	
Spear 1	Movement Enhancement	2	0	(2)	
NSTP 1	CWTS/ROTC/LTS	3	0	(3)	
		12	0	**12**	

SECOND SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
Per Dev 10	Understanding the Self	3	0	3	
Philo10	Ethics	3	0	3	
Eng 10	Purposive Communication	3	0	3	
STS 10	Science, Technology and Society	3	0	3	
Spear 2	Fitness Exercises	2	0	(2)	Spear 1
NSTP 2	CWTS/ROTC/LTS	3	0	(3)	NSTP 1
		12	0	**12**	

SECOND YEAR

FIRST SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
STS 11	People and the Earth's Ecosystem	3	0	3	
Lit 10	Literatures in Mindanao	3	0	3	
Hist 10	The Life and Works of Rizal	3	0	3	
BA 120	Basic Microeconomics	3	0	3	
FM 120	Financial Management	2	1	3	
Spear 3	Physical Activity Towards Health and Fitness (PATH Fit) 1	2	0	(2)	Spear 2
		14	1	**15**	

SECOND SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
Soc Sci 11	Peace, Dev'l & Indigenous Communities	3	0	3	
FL 10	Foreign Language	3	0	3	
BA 121	Business Law (Obligations and Contracts)	3	0	3	
BA 122	Taxation (Income Taxation)	3	0	3	BA 120
FM 121	Financial Analysis and Reporting	2	1	3	FM 120
FM 122	Banking and Financial Institutions	3	0	3	
Spear 4	Physical Activity Towards Health and Fitness (PATH Fit) 2	2	0	(2)	Spear 2
		17	1	**18**	

THIRD YEAR

FIRST SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
CBM 130	Strategic Management	3	0	3	FM 121
BA 130	Good Governance & Social Responsibility	3	0	3	
BA 131	Human Resource Management	3	0	3	
BA 132	International Business and Trade	2	1	3	BA 122
FM 130	Monetary Policy and Banking	3	0	3	FM 122
FM 131	Investment and Portfolio Management	2	1	3	FM 121
Elective 100	Personal Finance	3	0	3	
		19	2	**21**	

SECOND SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
BA 133	Business Research	3	0	3	ENG 10
CBM 131	Operations Management (TQM)	3	0	3	BA 130
FM 132	Credit and Collection	3	0	3	BA 121
FM 133	Capital Market	2	1	3	FM 131
IC 130	Business Risk Management	3	0	3	FM 120
Elective 200	Public Finance	3	0	3	
		17	1	**18**	

FOURTH YEAR

FIRST SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
FM 140	Special Topics in Financial Management	2	1	3	CBM 130, CBM 131
Elective 300	Cooperative Management	3	0	3	
Elective 400	Entrepreneurial Management	3	0	3	
BA 140	Thesis or Feasibility Study	3	0	3	BA 133
		11	1	**12**	

SECOND SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
Prac 141	Practicum/Work Integrated Learning (Internship-600 hours)	0	6	6	All Professional subj. including Electives
		0	6	**6**	

Content Noted by CHED RO-XI Dated on April 30, 2021

Suggested electives

Personal Finance
Public Finance
Cooperative Management
Entrepreneurial Management
Treasury Management
Risk Management
Security Analysis
Behavioral Finance
Franchising
Financial Controllership
Mutual Fund

SUMMARY:	UNITS
General Education Courses	36
National Service Training Program	6
Physical Education	8
Common Business and Mangement Courses	6
Business Administration Core	24
Professional Major	24
Electives	12
Internship (600hrs)	6
Institutional Course	6
TOTAL INCLUDING GE, NSTP, AND PE	128

DAVAO ORIENTAL STATE COLLEGE OF SCIENCE AND TECHNOLOGY

COURSE PROSPECTUS

BACHELOR OF SCIENCE IN BIOLOGY (with concentration in Animal Biology)

Per CHED MEMO 49. s. 2017 and CHED MEMO 4, s. 2018, CMO 23, s. 2010, CMO 1, s. 2019

FIRST YEAR

First Semester						Second Semester					
COURSE NO.	DESCRIPTIVE TITLE	UNITS			PREREQUISITES	COURSE NO.	DESCRIPTIVE TITLE	UNITS			PREREQUISITES
		LEC	LAB	TOTAL				LEC	LAB	TOTAL	
Bot 100	General Botany	3	2	**5**	None	Bio 100	Systematics	3	2	**5**	Bot 100; Zoo 100
Zoo 100	General Zoology	3	2	**5**	None	BioChem 101	Chemical Biology I (Organic Molecules)	2	1	**3**	None
PerDev 10	Understanding the Self	3	0	**3**	None	StatBio 100	Statistical Biology	2	1	**3**	None
Hist 11	Readings in Phil. History	3	0	**3**	None	Eng 10	Purposive Communication	3	0	**3**	None
Math 15	Mathematics in the Modern World	3	0	**3**	None	Hum 10	Art Appreciation	3	0	**3**	None
SPEAR 1	Movement Enhancement	(2)	0	**(2)**	None	STS 10	Science Tech. & Society	3	0	**3**	None
NSTP 1	LTS/CWTS/ROTC	(3)	0	**(3)**	None	SPEAR 2	Fitness Exercises	(2)	0	**(2)**	SPEAR 1
TOTAL		15	4	**19**		NSTP 2	LTS/CWTS/ROTC	(3)	0	**(3)**	None
						TOTAL		18	2	**20**	

SECOND YEAR

First Semester						Second Semester					
Bio 101	Microbiology	3	2	**5**	Bot 100; Zoo 100	BioChem 103	Chemical Biology III (Biomolecules)	3	2	**5**	BioChem 102
Bio 102	General Ecology	3	2	**5**	Bot 100; Zoo 100; StatBio 100	Bio 103	Evolutionary Biology	3	2	**5**	Bot 100; Zoo 100
BioChem 102	Chemical Biology II (Analytical Methods for Bio)	2	1	**3**	BioChem 101	Bio 104	Genetics	3	2	**5**	Bot 100; Zoo 100; Biochem 101; StatBio 100
STS 11	People and the Earth`s Ecosystem	3	0	**3**	None	Soc Sci 10	The Contemporary World	3	0	**3**	None
Philo 10	Ethics	3	0	**3**	None	Soc Sci 11	Peace Dev't and Indigenous Communities	3	0	**3**	Fili 10
SPEAR 3	Physical Activity Towards Health and Fitness (PATH Fit 1)	(2)	0	**(2)**	SPEAR 2	SPEAR 4	Physical Activity Towards Health and Fitness (PATH Fit 2)	(2)	0	**(2)**	SPEAR 2
TOTAL		14	5	**19**		**TOTAL**		15	6	**21**	

THIRD YEAR

First Semester						Second Semester					
Bio 105	Cell and Molecular Biology	3	2	**5**	BioChem 103;Bot100; Zoo 100	BioPhys 100	BioPhysics	2	2	**4**	None
Bio 106	General Physiology	3	2	**5**	Bot100; Zoo 100	Bio 107	Developmental Biology	3	2	**5**	Bot 100; Zoo 100
Lit 10	Literatures in Mindanao	3	0	**3**	None	Zoo 101	Comparative Vertebrate	3	2	**5**	Zoo 100
Hist 10	Life & works of Rizal	3	0	**3**	None	Bio 197	Thesis 1			**2**	StatBio 100
TOTAL		15	4	**16**		**TOTAL**				**16**	

MIDYEAR

Bio 196	Practicum/OJT/Apprenticeship (150 hours)									**3**	Third Year Standing

FOURTH YEAR

First Semester						Second Semester					
Zoo 102	Histology	3	2	**5**	Zoo 100	Zoo 104	Entomology	3	2	**5**	Zoo 100
Zoo 103	Invertebrate Zoology	3	2	**5**	Zoo 100	Zoo 105	Parasitology	3	2	**5**	Zoo 100
Envi Sci 105	Conservation Biology	3	0	**3**	None	DC 141	Multi-media Materials Design & Production	3	0	**3**	None
Bio 198	Thesis 2			**2**	Bio 197	Bio 199	Thesis 3			**2**	Bio 198
TOTAL				**15**		**TOTAL**				**15**	

SUMMARY UNITS

General Education Courses	-36
Biology Tool Courses	-18
Fundamental Courses	-50
Specialization Courses	-25
Free Electives	- 6
Undergraduate Thesis	- 6
Practicum/OJT/Apprenticeship	- 3
Additional Course	- 3
Mandated Courses	-(14)
	161

REGIONAL OFFICE XI
DAVAO CITY
CONTENTS NOTED!
CESARA ARSOLE IV, MPM, CESE
EDUCATION SUPERVISOR II
3-23-2021
DATE

Prepared by:
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Program Head

Reviewed by:
NELSON P. PASTOLERO Ph.D.
Institute Dean

Recommending Approval:
MA. CECILIA L. CATUBIG, Ph.D.
Director for Instruction

Approved by:
ROSELYN V. REGINO, Ph.D.
Vice President for Academic Affairs

DAVAO ORIENTAL STATE COLLEGE OF SCIENCE AND TECHNOLOGY

COURSE PROSPECTUS

BACHELOR OF SCIENCE IN BIOLOGY (with concentration in Ecology)

Per CHED MEMO 49. s. 2017 and CHED MEMO 4, s. 2018, CMO 23, s. 2010, CMO 1, s. 2019

FIRST YEAR

First Semester						*Second Semester*					
COURSE NO.	*DESCRIPTIVE TITLE*	*UNITS*			*PREREQUISITES*	*COURSE NO.*	*DESCRIPTIVE TITLE*	*UNITS*			*PREREQUISITES*
		LEC	*LAB*	*TOTAL*				*LEC*	*LAB*	*TOTAL*	
Bot 100	General Botany	3	2	**5**	None	Bio 100	Systematics	3	2	**5**	Bot 100; Zoo 100
Zoo 100	General Zoology	3	2	**5**	None	BioChem 101	Chemical Biology 1 (Organic Molecules)	2	1	**3**	None
PerDev 10	Understanding the Self	3	0	**3**	None	StatBio 100	Statistical Biology	2	1	**3**	None
Hist 11	Readings in Phil. History	3	0	**3**	None	Eng 10	Purposive Communication	3	0	**3**	None
Math 15	Mathematics in the Modern World	3	0	**3**	None	Hum 10	Art Appreciation	3	0	**3**	None
SPEAR 1	Movement Enhancement	(2)	0	**(2)**	None	STS 10	Science Tech. & Society	3	0	**3**	None
NSTP 1	LTS/CWTS/ROTC	(3)	0	**(3)**	None	SPEAR 2	Fitness Exercises	(2)	0	**(2)**	SPEAR 1
TOTAL		15	4	**19**		NSTP 2	LTS/CWTS/ROTC	(3)	0	**(3)**	None
						TOTAL		18	2	**20**	

SECOND YEAR

First Semester						*Second Semester*					
Bio 101	Microbiology	3	2	**5**	Bot 100; Zoo 100	BioChem 103	Chemical Biology III (Biomolecules)	3	2	**5**	BioChem 102
Bio 102	General Ecology	3	2	**5**	Bot 100; Zoo 100; StatBio 100	Bio 103	Evolutionary Biology	3	2	**5**	Bot 100; Zoo 100
BioChem 102	Chemical Biology II (Analytical Methods for Bio)	2	1	**3**	BioChem 101	Bio 104	Genetics	3	2	**5**	Bot 100; Zoo 100; Biochem 101; StatBio 100
STS 11	People and the Earth's Ecosystem	3	0	**3**	None	Soc Sci 10	The Contemporary World	3	0	**3**	None
Philo 10	Ethics	3	0	**3**	None	Soc Sci 11	Peace Dev't and Indigenous Communities	3	0	**3**	None
SPEAR 3	Physical Activity Towards Health and Fitness (PATH Fit 1)	(2)	0	**(2)**	SPEAR 2	SPEAR 4	Physical Activity Towards Health and Fitness (PATH Fit 2)	(2)	0	**(2)**	SPEAR 2
TOTAL		14	5	**19**		**TOTAL**		15	6	**21**	

THIRD YEAR

First Semester						*Second Semester*					
Bio 105	Cell and Molecular Biology	3	2	**5**	BioChem 103;Bot100; Zoo 100	BioPhys 100	BioPhysics	2	2	**4**	None
Bio 106	General Physiology	3	2	**5**	Bot100; Zoo 100	Bio 107	Developmental Biology	3	2	**5**	Bot 100; Zoo 100
Lit 10	Literatures in Mindanao	3	0	**3**	None	Bio 108	Population Ecology	3	2	**5**	Bot 100; Zoo 100
Hist 10	Life & works of Rizal	3	0	**3**	None	Bio 197	Thesis 1			**2**	StatBio 100
TOTAL		15	4	**16**		**TOTAL**				**16**	

MIDYEAR

Bio 196	Practicum/OJT/Apprenticeship (150 hours)			**3**	Third Year Standing

FOURTH YEAR

First Semester						*Second Semester*					
Bio 109	Behavioral Ecology	3	2	**5**	Bot 100; Zoo 100	Bio 111	Marine Ecology	3	2	**5**	Bot 100; Zoo 100
Bio 110	Freshwater Ecology	3	2	**5**	Bot 100; Zoo 100	Bio 112	Terrestrial Ecology	3	2	**5**	Bot 100; Zoo 100
Envi Sci 105	Conservation Biology	3	0	**3**	None	DC 141	Multi-media Materials Design & Production	3	0	**3**	None
Bio 198	Thesis 2			**2**	Bio 197	Bio 199	Thesis 3			**2**	Bio 198
TOTAL				**15**		**TOTAL**				**15**	

SUMMARY UNITS

General Education Courses	-36
Biology Tool Courses	-18
Fundamental Courses	-50
Specialization Courses	-25
Free Electives	- 6
Undergraduate Thesis	- 6
Practicum/OJT/Apprenticeship	- 3
Additional Course	- 3
Mandated Courses	-(14)
	161

REGIONAL OFFICE XI
DAVAO CITY
CONTENT NOTED!
EDUCATION SUPERVISOR II
3-23-2021
DATE

Prepared by:	Reviewed by:	Recommending Approval:	Approved by:
CRILO O. YBAÑEZ JR, MSc.	NELSON P. PASTOLERO Ph.D.	MA. CECILIA L. CATUBIG, Ph.D.	ROSELYN V. REGINO, Ph.D.
Program Head	*Institute Dean*	*Director for Instruction*	*Vice President for Academic Affairs*

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

"A university of excellence, innovation, and inclusion"

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Per CMO No. 92, s.2017 & CMO 04, s. 2018
Approved per BOT Resolution ***No.2018-06,*** *dated* ***18 May, 2018***

NAME: _____ AY STARTED: _____
ID No.: _____

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
STS 10	Science, Technology and Society	3	None	Soc Sci 10	Contemporary World	3	None
Math 15	Mathematics in Modern World	3	None	Per Dev 10	Understanding the Self	3	None
Math 108	Calculus 1	5	None	Math 109	Calculus 2	5	Math 108
Chem 104	Chemistry for Engineers (3/3)	4	None	Phys 101	Physics for Engineers (Calculus Based) 3/3	4	Math 108/ Math 109
ES 111	Civil Engineering Orientation	2	None	ES 112	Engineering Drawing and Plans (0/3)	1	None
Hist 11	Readings in Philippine History	3	None	ES 113	Computer Fundamentals and Programming (0/6)	2	None
SPEAR 1	Movement Enhancement	(2)	None	Hist 10	Life and Works of Rizal	3	None
				SPEAR 2	Fitness Exercises		
NSTP 1	LTS/CWTS/ROTC	(3)	None	NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		20				21	

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Math 115	Differential Equations	3	Math 109	Math 125	Engineering Data Analysis	3	None
ES 121	Computer-Aided Drafting (0/3)	1	None	Geo 100	Geology for Civil Engineers	2	Chem 104
ES 122	Statics of Rigid Bodies	3	Math 109, Phys 101	ES 125	Dynamics of Rigid Bodies	2	ES 122
CE 121	Fundamentals of Surveying (3/3)	4	ES 112	ES 126	Mechanics of Deformable Bodies	4	ES 122
ES 123	Engineering Economics	3	2nd Year Standing	CE 122	Construction Materials & Testing (2/3)	3	(Co-requisite) ES 126
ES 124	Engineering Management	2	2nd Year Standing	Hum 10	Art Appreciation	3	None
English 10	Purposive Communication	3	None	Fili 11	Ekokritisismo at Pagpapahalaga sa Kalikasan	3	Fili 10
Fili 10	Kontekstwalisadong Komunikasyon sa Filipino	3	None	SPEAR 4	Physical Activity Towards Health and Fitness (PATH Fit) 2	(2)	SPEAR 2
SPEAR 3	Physical Activity Towards Health and Fitness (PATH Fit) 1	(2)	SPEAR 2			20	
		22					

THIRD YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
CE 131	Structural Theory (4/3)	5	ES 126	ES 131	Technopreneurship 101	3	3rd Year Standing
CE 132	Highway and Railroad Engineering	3	CE 121	CE 133	Building System Design (2/3)	3	ES 112
EE 131	Basic Electrical Engineering	3	Phys 101	CE 134	Principles of Steel Design (2/3)	3	CE 131
ME 131	Basic Mechanical Engineering	3	Phys 101	CE 135	Principles of Reinforced/Pre-stressed Concrete (3/3)	4	CE 131
Math 130	Numerical Solutions to CE Problems (2/3)	3	Math 115	CE 136	Hydrology	2	3rd Year Standing
Philo 10	Ethics	3	None	CE 137	Hydraulics (4/3)	5	3rd Year Standing
Lit 10	Literatures in Mindanao	3	None	CE 138	Advanced Structural Analysis	3	CE 131, Math 130
		23				23	

MID YEAR

Course No.	Course Description	Units	Pre-requisite
CE 139	On-the-Job Training – 240 Hours (2/3)	3	Completed the three years Academic requirement

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
CE 140	CE Law, Ethics and Contracts	2	3rd Year Standing	CE 144	CE Project 2 (1/3)	2	4th Year Standing
CE 141	Geotechnical Engineering 1 (Soil Mechanics) 3/3	4	Geo 100, ES 126	CE 145	Quantity Surveying (1/3)	2	CE 133
CE 142	Principles of Transportation Engineering	3	CE 132	CE 146	Construction Methods and Project Management	3	4th Year Standing
CE 143	CE Project 1 (1/3)	2	4th Year Standing	CE 153	Professional Course-specialized 3	3	4th Year Standing
CE 151	Professional Course-specialized 1	3	4th Year Standing	CE 154	Professional Course-specialized 4	3	4th Year Standing
CE 152	Professional Course-specialized 2	3	4th Year Standing	CE 155	Professional Course-specialized 5	3	4th Year Standing
		17				16	

0

Track A. ***STRUCTURAL ENGINEERING***

CE 151- Earthquake Engineering
CE 152- Design of Steel Structures
CE 153- Reinforced Concrete Design
CE 154- Prestressed Concrete Design
CE 155- Foundation Engineering

Track B. ***GEOTECHNICAL ENGINEERING***

CE 151- Earthquake Engineering
CE 152- Geotechnical Engineering 2 (Rock Mechanics)
CE 153- Geotechnical Earthquake Engineering
CE 154- Ground Improvement
CE 155- Foundation Engineering

SUMMARY: UNITS

General Education Courses	24
Core Course	129
Electives	12
Mandated Courses	14
TOTAL:	**179**

Content Noted by CHED RO-XI
Dated on August 09, 2018

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

"A university of excellence, innovation, and inclusion"

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Per CMO No. 92, s.2017, CMO No. 23 Series of 2010 & CMO 04, s. 2018

NAME: _____ AY STARTED: _____

ID No.: _____

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
STS 10	Science, Technology and Society	3	None	Soc Sci 10	Contemporary World	3	None
Math 15	Mathematics in Modern World	3	None	Per Dev 10	Understanding the Self	3	None
Math 108E	Calculus 1	5	None	Math 109 E	Calculus 2	5	Math 108
Chem 104	Chemistry for Engineers (3/3)	4	None	Phys 101	Physics for Engineers (Calculus Based) 3/3	4	Math 108/(co-requisite) Math 109
ES 111	Civil Engineering Orientation	2	None	ES 112	Engineering Drawing and Plans (0/3)	1	None
Hist 10	Life and Works of Rizal	3	None	ES 113	Computer Fundamentals and Programming (0/6)	2	None
SPEAR 1	Movement Enhancement	(2)	None	Hist 11	Readings in Philippine History	3	None
				SPEAR 2	Fitness Exercises	(2)	Spear 1
NSTP 1	LTS/CWTS/ROTC	(3)	None	NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		20				21	

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Math 115	Differential Equations	3	Math 109 E	Math 125	Engineering Data Analysis	3	None
ES 121	Computer-Aided Drafting (0/3)	1	None	Geo 100	Geology for Civil Engineers	2	Chem 104
ES 122	Statics of Rigid Bodies	3	Math 109 E , Phys 101	ES 125	Dynamics of Rigid Bodies	2	ES 122
CE 121	Fundamentals of Surveying (3/3)	4	ES 112	ES 126	Mechanics of Deformable Bodies	4	ES 122
ES 123	Engineering Economics	3	2nd Year Standing	CE 122	Construction Materials & Testing (2/3)	3	(Co-requisite) ES 126
ES 124	Engineering Management	2	2nd Year Standing	Hum 10	Art Appreciation	3	None
English 10	Purposive Communication	3	None	SOCSCI 11	Peace Development and Indigenous Communities	3	None
STS 11	People and the Earth's Ecosystem	3	None	SPEAR 4	Physical Activity Towards Health and Fitness (PATH Fit) 2	(2)	SPEAR 2
SPEAR 3	Physical Activity Towards Health and Fitness (PATH Fit) 1	(2)	SPEAR 2			20	
		22					

THIRD YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
CE 131	Structural Theory (4/3)	5	ES 126	ES 131	Technopreneurship 101	3	3rd Year Standing
CE 132	Highway and Railroad Engineering	3	CE 121	CE 133	Building System Design (2/3)	3	ES 112
EE 131	Basic Electrical Engineering	3	Phys 101	CE 134	Principles of Steel Design (2/3)	3	CE 131
ME 131	Basic Mechanical Engineering	3	Phys 101	CE 135	Principles of Reinforced/Pre-stressed Concrete (3/3)	4	CE 131
Math 130	Numerical Solutions to CE Problems (2/3)	3	Math 115	CE 136	Hydrology	2	3rd Year Standing
Philo 10	Ethics	3	None	CE 137	Hydraulics (4/3)	5	3rd Year Standing
Lit 10	Literatures in Mindanao	3	None	CE 138	Advanced Structural Analysis	3	CE 131, Math 130
		23				23	

MID YEAR

Course No.	Course Description	Units	Pre-requisite
CE 139	On-the-Job Training – 240 Hours (2/3)	3	Completed the three years Academic requirement
		3	

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
CE 140	CE Law, Ethics and Contracts	2	4th Year Standing	CE 144	CE Project 2 (1/3)	2	4th Year Standing
CE 141	Geotechnical Engineering 1 (Soil Mechanics) 3/3	4	Geo 100, ES 126	CE 145	Quantity Surveying (1/3)	2	CE 133
CE 142	Principles of Transportation Engineering	3	CE 132	CE 146	Construction Methods and Project Management	3	4th Year Standing
CE 143	CE Project 1 (1/3)	2	4th Year Standing	CE 153	Professional Course-specialized 3	3	4th Year Standing
CE 151	Professional Course-specialized 1	3	4th Year Standing	CE 154	Professional Course-specialized 4	3	4th Year Standing
CE 152	Professional Course-specialized 2	3	4th Year Standing	CE 155	Professional Course-specialized 5	3	4th Year Standing
FL 10	Foreign Language	3	None				
		20				16	

Track A. STRUCTURAL ENGINEERING

CE 151- Earthquake Engineering
CE 152- Design of Steel Structures
CE 153- Reinforced Concrete Design
CE 154- Prestressed Concrete Design
CE 155- Foundation Engineering

Track B. GEOTECHNICAL ENGINEERING

CE 151- Earthquake Engineering
CE 152- Geotechnical Engineering 2 (Rock Mechanics)
CE 153- Geotechnical Earthquake Engineering
CE 154- Ground Improvement
CE 155- Foundation Engineering

SUMMARY: UNITS

General Education Courses	36
Additional Course	3
Technical Course	144
Professional Course-Specialized	15
PE and NSTP Courses	14
==========	
TOTAL:	**182**

Content Noted by CHED RO-XI
Dated on January 14, 2021

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

"A university of excellence, innovation, and inclusion"

BACHELOR OF SCIENCE IN DEVELOPMENT COMMUNICATION

Per CMO No. 36, s. 2017; CMO 30, s. 2013 & CMO 23, s. 2020

NAME: _____ AY STARTED: _____

ID No: _____

FIRST YEAR

FIRST SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
PerDev 10	Understanding the Self	3	0	3	
Hum 10	Art Appreciation	3	0	3	
Hist 11	Readings in Philippine History	3	0	3	
DC 130	Intro to Communication Media	3	0	3	
STS 10	Science, Technology & Society	3	0	3	
Lit 10	Literatures in Mindanao	3	0	3	
NSTP 1	LTS/CWTS/ROTC	3	0	(3)	
Spear 1	Movement Enhancement	2	0	(2)	
		18	0	**18**	

SECOND SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
Eng 10	Purposive Communication	3	0	3	
SocSci 10	The Contemporary World	3	0	3	
Math 15	Mathematics in the Modern World	3	0	3	
Philo 10	Ethics	3	0	3	
DC 131	Intro to Development Communication	3	0	3	DC 130
Hist 10	The Life and Works of Rizal	3	0	3	
NSTP 2	LTS/CWTS/ROTC	3	0	(3)	NSTP 1
Spear 2	Fitness Exercises	2	0	(2)	Spear 1
		18	0	**18**	

SECOND YEAR

FIRST SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
SSE 1	Gender and Society	3	0	3	SocSci 10
DC 132	Communication Theories	3	0	3	DC 130
DC 133	Communication, Culture and Society	3	0	3	DC 130
DC 134	Fundamentals of Comm. Broadcasting	2	1	3	DC 130
DC 135	Fundamentals of Dev't Journalism	2	1	3	DC 130
Hum 11	Philippine Popular Culture	3	0	3	
Spear 3	Physical Activity Towards Health & Fit. (PATH Fit)1	(2)	0	(2)	Spear 2
		16	2	**18**	

SECOND SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
STS 11	People and the Earth's Ecosystem	3	0	3	
DC 136	Fundamentals of Public Information	2	1	3	DC 130
DC 137	Risk Disaster & Humanitarian Comm.	3	0	3	DC 133
TC 1	Principles of Crop Science	2	1	3	
TC 2	Introduction to Animal Science	2	1	3	
SocSci 11	Peace, Dev't & Indigenous Comm.	3	0	3	
SPEAR 4	Physical Activity Towards Health & Fit. (PATH Fit) 2	2	0	(2)	Spear 2
		15	3	**18**	

THIRD YEAR

FIRST SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
DC138	Communication Research	3	0	3	DC134, DC135, DC136
TC 3	Health Education	3	0	3	
TC 4	Entrepreneurship	3	0	3	
TC 5	General Ecology	3	0	3	
SSE 2	Community Organizing and Ext'n Mgt.	2	1	3	
DC 139	Comm. Media Laws and Ethics	3	0	3	DC133
		17	1	**18**	

SECOND SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
DC 140	Cross-Cultural Communication	3	0	3	DC 133
DC 141	Multimedia Materials Design & Prod.	2	1	3	DC134, DC135
DC 142	Behavioral & Social Change Comm.	3	0	3	DC 133
SSE 3	Indigenous Know. System & IP Issues	3	0	3	
DC 143-A	Thesis 1 (Proposal Writing)	3	0	3	DC138
FL 10	Foreign Language	3	0	3	
		17	1	**18**	

FOURTH YEAR

FIRST SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
DC 143-B	Thesis 2 (Thesis Writing)	3	0	3	DC 143-A
DC 144	Communication Prog. and Campaign	3	0	3	DC 139, DC 141
DC 145	Knowledge Management	3	0	3	
DC 146	Communication in the ASEAN Setting	3	0	3	DC 139, DC 140
		12	0	**12**	

SECOND SEMESTER

Course No.	Course Description	Units Lec	Lab	Total	Pre-requisite
DC 147	Communication Internship	3	0	3	DC 141
		3	0	**3**	

Contents Noted by CHED RO-XI Dated on March 29, 2021

SUMMARY:UNITS

General Education Courses	42
Core Course in DevCom	21
Required Courses	18
Elective Based on Institutional & Prog. Outcor	33
Thesis/Special projects & Internship	9
Mandated Courses	14
TOTAL:	**137**

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF SECONDARY EDUCATION MAJOR IN ENGLISH

Per CMO No. 75, s. 2017; CMO NO. 20, s. 2013; CMO 57, s. 2017 & CMO 04, s. 2018

NAME: _____ **AY STARTED:** _____

ID No: _____

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
PerDev 10	Understanding the Self	3	None	El 101	Language, Culture and Society	3	None
Eng 10	Purposive Communication	3	None	Hum 10	Art Appreciation	3	None
Hist 11	Readings in Phil. History	3	None	Soc Sci 10	The Contemporary World	3	None
Philo 10	Ethics	3	None	Math 15	Math in Modern World	3	None
Hist 10	The Life and Works of Rizal	3	None	Soc Sci 11	Peace Development and Indigenous Communities	3	None
El 100	Intro to Linguistics	3	None	Educ 100	The Child and Adolescent Learners and Learning Principle	3	PerDev 10
STS 10	Science, Technology and Society	3	None	Educ 101	The Teacher and the Community, School Culture and Organizational Leadership	3	None
STS11	People and the Earth's Ecosystem	3	None	Educ 103	Technology for Teaching and Learning 1	3	None
SPEAR 1	Movement Enhancement	(2)	None	SPEAR 2	Fitness Exercises	(2)	SPEAR 1
NSTP 1	LTS/CWTS/ROTC	(3)	None	NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		24				**24**	

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Educ 126	Facilitating Learner-Centered Teaching and Learning	3	Educ 100	EL 104	Language Programs and Policies in Multilingual Societies	3	EL 103
SNED 1	Foundation of Special and Inclusive Education	3	Educ 100	EL 111	Children & Adolescent Literature	3	EL 103
EL 102	Structure English	3	EL 100	EL 120	Technology for Teaching & Learning (Technology in Language Education)	3	EL 103
EL 103	Principles & Theories of Language Acquisition and Learning	3	EL 101	EL 110	Language Education Research	3	EL 102
Lit 10	Literatures in Mindanao	3	Eng 10	Educ 108	Assessment in Learning 2	3	Educ 107
Educ 107	Assessment in Learning 1	3	None	FL 10	Foreign Language	3	None
EL 112	Mythology & Folklore	3	Eng 10	Educ 111	The Teaching Profession	3	Educ 101
SPEAR 3	Physical Activity Towards Health and Fitness (PATH) 1	(2)	Spear 2	EL 113	Survey of Philippine Literature in English	3	EL 112
		21		SPEAR 4	Physical Activity Towards Health and Fitness (PATH) 2	**(2)**	Spear 2
						24	

THIRD YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
EL 114	Survey of Afro-Asian Literature	3	EL 112	EL 117	Literary Criticism	3	EL 111 & EL C1
EL 115	Survey of English & American Literature	3	EL 111	EL C2	English for Specific Purpose	3	EL 100
EL 116	Contemporary, Popular and Emergent Literature	3	EL 111	EL 105	Language Learning Materials Development	3	EL 103 & EL 120
EL 118	Technical Writing	3	EL 103	EL 106	Teaching and Assessment of Literature Studies	3	EL 114
EL C1	Stylistics and Discourse Analysis	3	Eng 10	EL 108	Teaching and Assessment of Grammar	3	EL 102
EL 107	Teaching and Assessment of Macro Skills	3	EL 101	EL 109	Speech and Theater Arts	3	EL 102
Educ 128	The Teacher and the School Curriculum	3	EL 110	EL 119	Campus Journalism	3	Eng 10
		21		Educ 130	Building and Enhancing Literary Skills Across the Curriculum	3	None
						24	

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
FS 100	Observation of Teaching-Learning in Actual School Environment	3	**All Prof Ed & Major Courses**	Educ 145	Teaching Internship	6	FS 100 & FS 101
FS 101	Participation and Teaching Assistantship	3		CSA 101	Competencies and Skills Appraisal for Prof.Ed Courses	2	
CSA 100	Competencies and Skills Appraisal for Gen. Ed Courses	2	None	CSA 102	Competencies and Skills Appraisal for Specialization/Major Courses	2	
		8				**10**	

Content Noted by CHED RO-XI

Dated on January 14, 2021

SUMMARY: UNITS

General Education Courses	36
Professional Education Courses	42
Major Courses	63
Cognate Courses	6
Mandated Courses	14
Institutional Course	9
TOTAL:	**170**

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF SECONDARY EDUCATION MAJOR IN FILIPINO

Per CMO 04, s. 2018; CMO NO. 75, s. 2017; CMO 57, s. 2017 ; CMO No.20, s. 2013

NAME: _____ **AY STARTED:** _____

ID No: _____

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Hum 10	Art Appreciation	3	None	SocSci 11	Peace Development & Indigeneous Communities	3	None
Lit 10	Literatures in Mindanao	3	None	FL 10	Foreign Language	3	None
Eng 10	Purposive Communication	3	None	Hist 11	Readings in Philippine History	3	None
PerDev 10	Understanding the Self	3	None	STS 11	People and the Earth's Ecosystem	3	None
Philo 10	Ethics	3	None	Math 15	Mathematics in the Modern World	3	None
Hist 10	The Life and Works of Rizal	3	None	Educ 100	The Child and Adolescent Learners and Learning Prins.	3	PerDev 10
STS 10	Science, Technology and Society	3	None	Educ 101	The Teacher and the Community, School Culture and Organizational Leadership	3	None
SocSci 10	The Contemporary World	3	None	SPEAR 2	Fitness Exercises	(2)	SPEAR 1
SPEAR 1	Movement Enhancement	(2)	None	NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
NSTP 1	LTS/CWTS/ROTC	(3)	None			21	
		24					

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Fili 101	Introduksyon sa Pag-aaral ng Wika	3	None	Fili 104	Estruktura ng Wikang Filipino	3	None
Fili 102	Panimulang Linggwistika	3	None	Fili 105	Pagtuturo at Pagtataya ng Makrong Kasanayang Pangwika	3	None
Fili 103	Ang Filipino sa Kurikulum ng Batayang Edukasyon	3	None	Fili 106	Ugnayan ng Wika, Kultura at Lipunan	3	None
Lit 101	Panitikan ng Rehiyon	3	None	Fili 107	Paghahanda at Ebalwasyon ng Kagamitang Panturo	3	None
Lit 102	Kulturang Popular	3	None	Fili 108	Introduksyon sa Pagsasalin	3	None
Educ 103	Technology for Teaching and Learning 1	3	None	Lit 103	Sanaysay at Talumpati	3	None
SNEd 1	Foundation of Special and Inclusive Education	3	Educ 100	Educ 107	Assessment in Learning 1	3	None
FLE 1	Malikhaing Pagsulat	3	None	Educ 126	Facilitating Learner-Centered Teaching	3	Educ 100
SPEAR 3	Physical Activity Towards Health and Fitness (PATH) 1	(2)	Spear 2	SPEAR 4	Physical Activity Towards Health and Fitness (PATH) 2	(2)	Spear 2
		24				24	

THIRD YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Fili 109	Introduksyon sa Pananaliksik-Wika at Panitikan	3	None	Fili 110	Introduksyon sa Pamamahayag	3	None
Lit 104	Panunuring Pampanitikan	3	None	Fili 111	Barayti at Baryasyon ng Wika	3	None
Lit 105	Maikling Kuwento at Nobelang Filipino	3	None	Fili 112	Mga Natatanging Diskurso sa Wika at Panitikan	3	None
Lit 106	Panulaang Filipino	3	None	Lit 107	Dulaang Filipino	3	None
FLE 2	Pagsasalin sa Iba't Ibang Disiplina	3	None	TTL 2	Technology for Teaching and Learning 2	3	Educ 103
Educ 108	Assessment in Learning 2	3	Educ 107	Educ 128	The Teacher and the School Curriculum	3	Educ 101
Educ 111	The Teaching Profession	3	Educ 101	Educ 130	Building and Enhancing New Literacies Across the Curriculum	3	None
		21				21	

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
FS 100	Observation of Teaching-Learning in Actual School Environment	3	All Prof Ed & Major Courses	Educ 145	Teaching Internship	6	FS 100 & FS 101
FS 101	Participation and Teaching Assistantship	3		CSA 101	Competencies and Skills Appraisal for Prof.Ed Courses	2	None
CSA 100	Competencies and Skills Appraisal for Gen. Ed Courses	2	None	CSA 102	Competencies and Skills Appraisal for Specialization/Major Courses	2	None
		8				10	

Content Noted by CHED RO-XI
Dated on January 14, 2021

SUMMARY: UNITS

General Education Courses	36
Professional Education Courses	42
Major Courses	60
Elective Courses	6
Mandated Courses (PE&NSTP)	14
Institutional Course	9
TOTAL:	**167 Units**

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF SECONDARY EDUCATION MAJOR IN MATHEMATICS

Per CMO 04, s.2018; CMO No. 75, s.2017; CMO 57, s.2017; CMO No. 20, s.2013

NAME: **AY STARTED:**

ID No:

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Math 15	Mathematics in the Modern World	3	None	Math 102	Trigonometry	3	Math 101
STS 10	Science, Technology & Society	3	None	Eng 10	Purposive Communication	3	None
Philo 10	Ethics	3	None	SocSci 11	Peace Development and Indigenous Communities	3	None
PerDev10	Understanding the Self	3	None	Hist 11	Readings in Phil. Hist.	3	None
Hist 10	The Life & Works of Rizal	3	None	Math 100	History & Development of Fundamental Ideas in Mathematics	3	None
Hum 10	Art Appreciation	3	None	Educ 100	The Child & Adolescent Learners & Learning Principle	3	PerDev 10
Soc Sci 10	The Contemporary World	3	None	Educ 101	The Teacher & Community, School Culture & Organizational Leadership	3	None
Math 101	College & Advance Algebra	3	None	SPEAR 2	Fitness Exercises	(2)	SPEAR 1
SPEAR 1	Movement Enhancement	(2)	None	NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
NSTP 1	LTS/CWTS/ROTC	(3)	None			21	
		24					

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Math 112	Linear Algebra	3	Math 101	Math 109	Calculus 2	4	Math 108
Math 108	Calculus 1	4	Math 101,102	Math 103	Plane & Solid Geometry	3	Math 101
Math 111	Logic and Set Theory	3	Math 101	Math 117	Abstract Algebra	3	Math 111,112
Math 120	Elementary Stat & Prob.	3	Math 101	Math 124	Tech for Teaching & Learning II – Instrumentation & Tech in Math	3	Educ 103
Educ 103	Technology for Teaching and Learning	3	None	Math 107	Math of Investment	3	Math 101
Educ 107	Assessment in Learning I	3	None	Educ 108	Assessment in Learning 2	3	Educ 107
FL 10	Foreign Language	3	None	Educ 126	Facilitating Learner-Centered Teaching	3	Educ 100
SPEAR 3	Physical Activity Towards Health and Fitness (PATH) 1	(2)	Spear 2	SPEAR 4	Physical Activity Towards Health and Fitness (PATH) 2	(2)	Spear 2
		22				22	

THIRD YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Math 110	Calculus III	3	Math 109	Math 137	Modern Geometry	3	Math 103, 117
Math 138	Prob. Solving, Mathematical Investigation, & Modeling	3	Math 112,120	Math 190	Research in Mathematics Education	4	None
Math 134	Number Theory	3	Math 111,112	Math 142	Principles & Strat of Teaching Math	3	Educ 100
Math 139	Assessment & Evaluation in Math	3	Math 120, Educ 108	Math 122	Advanced Statistics	3	Math 109
Educ 111	The Teaching Profession	3	Educ 101	Educ 128	The Teacher & the School Curr.	3	Educ 101
Lit 10	Literatures in Mindanao	3	None	Educ 130	Building & Enhancing Literacy Skills Across the Curr.	3	None
STS 11	People and the Earth's Ecosystem	3	None	SNED 1	Found. of Special & Incl. Educ.	3	Educ 100
		21				22	

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
FS 100	Observation of Teaching-Learning in Actual School Environment	3	All Prof Ed & Major Courses	Educ 145	Teaching Internship	6	FS 100 & FS 101
FS 101	Participation and Teaching Assistantship	3		CSA 101	Competencies and Skills Appraisal for Prof.Ed Courses	2	None
CSA 100	Competencies and Skills Appraisal for Gen. Ed Courses	2	None	CSA 102	Competencies and Skills Appraisal for Specialization/Major Courses	2	None
		8				10	

Content Noted by CHED RO-XI

Dated on January 14, 2021

SUMMARY: UNITS

General Education Courses	36
Professional Education Courses	42
Major Courses	63
Mandated Courses (PE&NSTP)	14
Institutional Course	9
	=========
TOTAL:	**163**

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF SECONDARY EDUCATION MAJOR IN SCIENCE

Per CHED Memorandum Order No.75, series of 2017; CMO 20, s.2018; CMO 4, s.2018; CMO 57, s.2017

NAME: **AY STARTED:**

ID No:

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
PerDev 10	Understanding the Self	3	None	Hist 11	Readings in the Philippine History	3	None
Soc Sci 10	The Contemporary World	3	None	STS 11	People and the Earth's Ecosystem	3	None
Math 15	Mathematics in the Modern World	3	None	Bio 120	Microbiology and Parasitology	4	None
STS 10	Science, Technology and Society	3	None	Lit 10	Literatures in Mindanao	3	None
Nat Sci 101	Earth Science	3	None	Eng 10	Purposive Communication	3	None
Hist 10	The Life and Works of Rizal	3	None	Hum 10	Art Appreciation	3	None
Philo 10	Ethics	3	None	Phys 120	Fluid Mechanics	3	None
SPEAR 1	Movement Enhancement	(2)	None	SPEAR 2	Fitness Exercises	(2)	SPEAR 1
NSTP 1	LTS1/CWTS1/ROTC1	(3)	None	NSTP 2	LTS2/CWTS2/ROTC2	(3)	NSTP 1
		21				**22**	

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Educ 100	The Child & Adolescent Learners & Learning Principles	3	Per Dev 10	Chem 101	Analytical Chemistry	5	Chem 100
Chem 100	Inorganic Chemistry	5	None	Chem 102	Organic Chemistry	5	Chem 100
Educ 101	The Teacher & the Community, School Culture & Organizational Leadership	3	None	Phys 122	Thermodynamics	4	Phys 120
Soc Sci 11	Peace, Development & Indigenous Communities	3	None	Phys 123	Waves and Optics	4	Phys 121
Bio 104	Genetics	4	None	Educ 103	Technology for Teaching & Learning I	3	None
Phys 121	Electricity & Magnetism	4	Phys 120	RES 1	Research in Teaching Science I	3	None
SPEAR 3	Physical Activity Towards Health and Fitness (PATH) 1	(2)	Spear 2	SPEAR 4	Physical Activity Towards Health and Fitness (PATH) 2	(2)	Spear 2
		22				**24**	

THIRD YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Educ 107	Assessment in Learning I	3	None	Bio 105	Cell & Molecular Biology	4	Bio 104, Chem 103
Educ 126	Facilitating Learner-Centered Teaching	3	Educ 100	Bio 113	Anatomy & Physiology	4	None
Educ 128	The Teacher and the School Curriculum	3	Educ 101	Phys 124	Modern Physics	3	Phys 120, Phys 121
Educ 130	Building & Enhancing Literacy Skills Across the Curriculum	3	None	Nat Sci 104	Meteorology	3	None
Educ 151	The Teaching of Science (Teaching in the Specialized Field)	3	Educ 100	Educ 108	Assessment in Learning II	3	Educ 107
RES 2	Research in Teaching Science II	3	RES 1	Educ 111	The Teaching Profession	3	Educ 151, Educ 101
Chem 103	Biochemistry	3	Chem 102	Educ 153	Technology for Teaching & Learning II (Science)	3	Educ 103, Educ 107, Educ 108, Educ 151
FL 10	Foreign Language	3	None			**23**	
		24					

MID YEAR

Course No.	Course Description	Units	Pre-requisite
Nat Sci 103	Environmental Science	3	None
Nat Sci 105	Astronomy	3	None
SNEd 1	Foundation of Special and Inclusive Education	3	Educ 100
		9	

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
FS 100	Observation of Teaching-Learning in Actual School Environment	3	All Prof Ed & Major Courses	Educ 145	Teaching Internship	6	FS 100 & FS 101
FS 101	Participation and Teaching Assistantship	3		CSA 101	Competencies and Skills Appraisal for Prof.Ed Courses	2	None
CSA 100	Competencies and Skills Appraisal for Gen. Ed Courses	2	None	CSA 102	Competencies and Skills Appraisal for Specialization/Major Courses	2	None
		8				**10**	

Content Noted by CHED RO-XI

Dated on January 14, 2021

SUMMARY: UNITS

General Education Courses	36
Professional Education Courses	42
Major Courses	76
Mandated Courses	14
Institutional Course	9
TOTAL:	177

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

Per CMO 04, s. 2018

Approved per BOT Resolution ***No.2018-06,*** *dated* ***18 May, 2018***

NAME: _____ AY STARTED: _____

ID No.: _____

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Bot 100	General Botany	5	None	Chem 100	General & Inorganic Chemistry	5	None
Per Dev 10	Understanding the Self	3	None	Math 15	Mathematics in the Modern World	3	None
Eng 10	Purposive Communication	3	None	Lit 10	Literatures in Mindanao	3	None
Hum 10	Art Appreciation	3	None	Soc Sci 10	The Contemporary World	3	None
Phys 110	Physics for environmental Science	5	None	Philo 10	Ethics	3	None
Spear 1	Movement Enhancement	(2)	None	Spear 2	Fitness Exercises	(2)	Spear 1
NSTP 1	LTS/CWTS/ROTC	(3)	None	NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		19				**17**	

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Chem 101	Analytical Chemistry	5	Chem 100	Chem 102	Organic Chemistry	5	Chem 101
Zoo 100	General Zoology	5	None	Math 18	Statistics for Bioscience	3	Math 17
Math 17	Calculus for Bioscience	4	Math 15	Fili 11	Ekokritisismo at Pagpapahalaga sa Kalikasan	3	Fili 10
Fili 10	Kontekstwalisadong Komunikasyon sa Filipino	3	None	Bio 102	General Ecology	5	Bot 100, Zoo 100
Hist 11	Readings in the Philippine History	3	None	Hist 10	Life & Works of Rizal	3	None
Spear 3	Physical Activity Towards Health and Fitness 1 (PATH Fit)	(2)	Spear 1	SPEAR 4	Physical Activity Towards Health & Fitness (PATH Fit) 2	(2)	Spear 1
		20				**19**	

THIRD YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Envi Sci 100	Environmental Chemistry	3	Chem 102	Envi Mgt 101	Operations Research in Environmental Science	3	Math 18
Envi Mgt 100	Principles of Environmental Management	3	Bio 102	Envi Sci 101	Terrestrial Ecosystem	3	Bio 102
Nat Sci 102	Marine Science	5	Bio 102	Envi Sci 102	Aquatic Ecosystem	3	Bio 102
Envi Sci 196	Seminar & Research Methods in Environmental Science	3	None	Envi Sci 103	Natural Resource Economics & Environmental Economics	3	Bio 102
STS 10	Science, Technology, and Society	3	Math 18	Envi Sci 104	Environmental Technology	3	None
		17		Envi Sci 197	Thesis 1/Special Proj. +OJT	3	Envi Sci 196
						18	

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Envi Mgt 102	Community Organizing and Extension Management	3	Envi Mgt 100	Envi Sci 106	Environmental Ethics, Policies & Laws	3	None
Envi Mgt 103	Land use, Planning and Management	3	Envi Mgt 100	Envi Sci 107	Environmental Psychology	3	None
Envi Mgt 104	Indigenous People, Issues and Natural Resources Management	3	Envi Mgt 100	Envi Sci 108	Climate Change Studies	3	None
Nat Sci 103	Environmental Geology	3	None	Envi Sci 109	Environmental Impact Assessment	3	None
Envi Sci 198	Thesis 2/ Special Proj. + OJT	3	Envi Sci 197	Envi Sci 105	Conservation Biology	3	Envi Sci 101,102
		15				**15**	

Content Noted by CHED RO-XI

Dated on June 29, 2018

SUMMARY:	UNITS
General Education Courses	36
Core Science Courses	50
Major Courses	54
Mandated Courses	14
	=========
TOTAL:	**154**

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

Per CHED Memorandum Order No. 35 series of 2005; CMO 23. s. 2010; CMO 20 s. 2013

NAME: _____ AY STARTED: _____

ID No.: _____

FIRST YEAR

FIRST SEMESTER					SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Bot 100	General Botany	5	None	Chem 100	General & Inorganic Chemistry	5	None
Math 15	Mathematics in the Modern World	3	None	Math 16	College Mathematics for Environmental Science	3	None
Per Dev 10	Understanding the Self	3	None	Hum 10	Art Appreciation	3	None
Eng 10	Purposive Communication	3	None	Lit 10	Literatures in Mindanao	3	None
Phys 110	Physics for environmental Science	5	None	Soc Sci 10	The Contemporary World	3	None
Spear 1	Movement Enhancement	(2)	None	Philo 10	Ethics	3	None
NSTP 1	LTS/CWTS/ROTC	(3)	None	Spear 2	Fitness Exercises	(2)	Spear 1
				NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		19				20	

SECOND YEAR

FIRST SEMESTER					SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Chem 101	Analytical Chemistry	5	Chem 100	Chem 102	Organic Chemistry	5	Chem 101
Zoo 100	General Zoology	5	None	Math 18	Statistics for Bioscience	3	Math 17
Math 17	Calculus for Bioscience	3	Math 16	SocSci 11	Peace Development and Indigenous Communities	3	None
STS 10	Science, Technology and Society	3	None	Bio 102	General Ecology	5	Bot 100, Zoo 100
Hist 11	Readings in the Philippine History	3	None	Hist 10	Life & Works of Rizal	3	None
Spear 3	Physical Activity Towards Health and Fitness 1 (PATH Fit)	(2)	Spear 1	SPEAR 4	Physical Activity Towards Health & Fitness (PATH Fit) 2	(2)	Spear 1
		19				19	

THIRD YEAR

FIRST SEMESTER					SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Envi Sci 100	Environmental Chemistry and Quality Monitoring	5	Chem 102	Envi Mgt 101	Operations Research in Environmental Science	3	Math 18
Envi Mgt 100	Principles of Environmental Management	3	Bio 102	Envi Sci 101	Terrestrial Ecosystem	3	Bio 102
Nat Sci 102	Marine Science	5	Bio 102	Envi Sci 102	Aquatic Ecosystem	3	Bio 102
Envi Sci 196	Seminar & Research Methods in Environmental Science	3	Math 18	Envi Sci 103	Natural Resource Economics & Environmental Economics	3	Bio 102
STS 11	People and the Earth's Ecosystem	3	None	Envi Sci 104	Environmental Technology	3	None
		19		Envi Sci 197	Thesis 1	3	Envi Sci 196
						18	

FOURTH YEAR

FIRST SEMESTER					SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Envi Mgt 102	Community Organizing and Extension Management	3	Envi Mgt 100	Envi Sci 106	Environmental Ethics, Policies & Laws	3	None
Envi Mgt 103	Land use, Planning and Management	3	Envi Mgt 100	Envi Sci 107	Environmental Psychology	3	None
Envi Mgt 104	Indigenous People, Issues and Natural Resources Management	3	Envi Mgt 100	Envi Sci 108	Climate Change Studies	3	None
Nat Sci 103	Environmental Geology	3	None	Envi Sci 109	Environmental Impact Assessment	3	None
Envi Sci 198	Thesis 2	3	Envi Sci 197	FL 10	Foreign Language	3	None
		15				15	

Content Noted by CHED RO-XI

Dated on February 24, 2021

SUMMARY:	UNITS
General Education Courses	36
Core Science Courses	52
Major Courses	53
Institutional Course	3
PE+NSTP	14
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TOTAL:	158

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF SCIENCE IN HOSPITALITY MANAGEMENT

Per CMO NO. 62, s. 2017; 30, s. 2013; 46, s. 2013; 04, s. 2018; 1 & 2 s. 2019

NAME: _____ AY STARTED: _____

ID No: _____

FIRST YEAR

FIRST SEMESTER

Course No.	Descriptive Title	Units	Pre-requisite
Eng 10	Purposive Communication	3	None
Hist 11	Readings in Philippine History	3	None
Math15	Mathematics in the Modern World	3	None
SocSci10	The Contemporary World	3	None
Hist 10	Life and Works of Rizal	3	None
THC100	Macro Perspective of Tourism and Hospitality	3	None
HPC101	Kitchen Essentials & Basic Food Preparati	3	None
HPC102	Fundamentals in FS Operations	3	None
SPEAR 1	Movement Enhancement	(2)	None
NSTP 1	LTS/CWTS/ROTC	(3)	None
		24	

SECOND SEMESTER

Course No	Descriptive Title	Units	Pre-requisite
THC103	Risk Management as Applied to Safety, Security & Sanitation	3	HPC101, HPC102
THC104	Quality Service Management in Tourism & Hospitality	3	None
THC105	Philippine Tourism, Geography and Culture	3	THC100
THC106	Micro Perspective of Tourism and Hospitality	3	THC100
HPC107	Fundamentals in Lodging Operations	3	None
HMPE108	Bar and Beverage Management w/ lab	3	HPC102
BHM109	Organization and Management	3	None
Per Dev 10	Understanding the Self	3	None
SPEAR 2	Fitness Exercises	(2)	SPEAR 1
NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		24	

SECOND YEAR

FIRST SEMESTER

Course No.	Descriptive Title	Units	Pre-requisite
STS 10	Science, Technology and Society	3	None
Philo 10	Ethics	3	None
HMPE120	Culinary Fundamentals w/ Lab	3	HPC101
HMPE121	Front Office Operation	3	HPC102, HPC107
HPC122	Foreign Language 1	3	None
BHM123	Applied Economics	3	None
BHM124	Business Finance	3	None
SPEAR 3	Physical Activity Towards Health and Fitne (PATH Fit) 1	(2)	SPEAR 2
		21	

SECOND SEMESTER

Course No	Descriptive Title	Units	Pre-requisite
Lit 10	Literatures in Mindanao	3	None
Hum 10	Art Appreciation	3	None
HPC125	Foreign Language 2	3	HPC122
BHM126	Business Marketing	3	None
HPC127	Supply Chain Management in Hospitality Industry	3	THC104, THC106
HPC128	Applied Business Tools & Technologies (PMS) w/ Lab	3	HMPE121
BHM 129	Fundamentals of Accounting	3	None
SPEAR 4	Physical Activity Towards Health and Fitness (PATH Fit) 2	(2)	SPEAR 2
		21	

THIRD YEAR

FIRST SEMESTER

Course No.	Descriptive Title	Units	Pre-requisite
STS 11	People and the Earth's Ecosystem	3	None
BME130	Operations Management in Tourism & Hos	3	THC104
THC131	Tourism and Hospitality Marketing	3	None
HPC132	Introduction to MICE	3	HPC127
HMPE133	Cost Control	3	HPC127, HPC128
THC134	Professional Development & Applied Ethic	3	Philo 10
HPC135	Research in Hospitality	3	None
		21	

SECOND SEMESTER

Course No	Descriptive Title	Units	Pre-requisite
SocSci 11	Peace, Development and Indigenous Communities	3	None
BME136	Strategic Management in Tourism and Hospitality	3	BME130
HMPE137	Catering Management	3	THC104, HMPE133
THC138	Entrepreneurship in Tourism and Hospitality	3	THC131
THC139	Legal Aspects in Tourism and Hospitality	3	THC134
HPC140	Ergonomics & Facilities Planning for Hospitality Industry	3	THC103
THC141	Multicultural Diversity in Workplace for the Tourism Professional	3	THC134
		21	

FOURTH YEAR

FIRST SEMESTER

Course No.	Descriptive Title	Units	Pre-requisite
Prac A.	Practicum A	3	All 1st, 2nd and 3rd year courses
		3	

SECOND SEMESTER

Course No	Descriptive Title	Units	Pre-requisite
Prac. B	Practicum B	3	Prac A.
		3	

Contents Noted by CHED RO-XI
Dated on January 22, 2021

SUMMARY	UNITS
General Education Courses	36
Business Management Educ. Course	6
Tourism & Hospitality Core Courses	30
Hospitality Professional Core Courses	30
Hospitality Management Professional Electives	15
NON ABM track	15
Mandated Courses	14
Practicum	6
TOTAL	**152**

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Per CMO No. 25, s.2015: No.20, s. 2013 & CMO 04, s. 2018
Approved per BOT Resolution ***No.2018-06,*** *dated* ***18 May, 2018***

ID No.: _____

NAME: _____ AY STARTED: _____

FIRST YEAR

	FIRST SEMESTER					SECOND SEMESTER			
	Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
	PerDev 10	Understanding Self	3	None	Hist 10	Life & Works of Rizal	3	None
	Math 15	Mathematics in the Modern World	3	None	Hist 11	Readings in the Philippine History	3	None
	Philo 10	Ethics	3	None	Hum 10	Art Appreciation	3	None
	Eng 10	Purposive Communication	3	None	Math 116	Discrete Mathematics for IT	3	Math 15
	ITC 100	Introduction to Computing (2/3)	3	None	ITC 102	Computer Programming 2 (2/3)	3	ITC 101
	ITC 101	Computer Programming 1 (2/3)	3	None	ITP 100	Introduction to Human Computer Interaction (2/3)	3	ITC 101
	SPEAR 1	Movement Enhancement	(2)	None	SPEAR 2	Fitness Exercises	(2)	SPEAR 1
	NSTP 1	CWTS/ROTC	(3)	None	NSTP 2	CWTS/ROTC	(3)	NSTP 1
			18				18	

SECOND YEAR

	FIRST SEMESTER					SECOND SEMESTER			
	Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
	SocSci 10	The Contemporary World	3	None	LIT 10	Literatures in Mindanao	3	None
	STS10	Science, Technology and Society	3	None	Fili 12	Inobasyon sa Wikang Filipino	3	None
	Fili 10	Kontekstwalisadong Komunikasyon sa Filipino	3	None	Math 121	Quantitative Methods (incl. Modeling & Simulation) (2/3)	3	Math 116
	ITC 120	Data Structures & Algorithms (2/3)	3	ITC 102	ITC 121	Information Management (2/3)	3	ITC 102
	ITPE 120	Object-Oriented Programming (2/3)	3	ITC 102	ITP 120	Networking 1 (2/3)	3	ITPE 121
	ITPE 121	Platform Technologies (2/3)	3	ITC 102	ITP 121	Integrative Programming & Technologies 1 (2/3)	3	ITPE 120 & ITPE 121
	ITPE 122	Web Systems & Technologies 1 (2/3)	3	None	ITP 122	Information Assurance & Security 1 (2/3)	3	ITPE 121
	SPEAR 3	Physical Activity Towards Health and Fitness (PATH Fit) 1	(2)	Spear 2	SPEAR 4	Physical Activity Towards Health and Fitness (PATH Fit) 2	(2)	SPEAR 2
			21				21	

THIRD YEAR

	FIRST SEMESTER					SECOND SEMESTER			
	Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
		IT Professional Free Elective 1	3			IT Professional Free Elective 3	3	
		IT Professional Free Elective 2	3			IT Professional Free Elective 4	3	
	ITP 130	Social & Professional Issues	3	3rd Year Standing		IT Professional Free Elective 5	3	
	ITP 131	Networking 2 (2/3)	3	ITP 120		IT Professional Free Elective 6	3	
	ITP 132	Advanced Database Systems (2/3)	3	ITC 121	ITC 130	Application Development in Emerging Technologies (2/3)	3	ITP 132
	ITP 133	Systems Integration & Architecture 1 (2/3)	3	ITP 121	ITP 134	Information Assurance & Security 2 (2/3)	3	ITP 122
	ITPE 130	Integrative Programming & Technologies 2 (2/3)	3	ITP 121	ITP 135	Capstone Project & Research 1	3	3rd Year Standing
			21				21	

FOURTH YEAR

	FIRST SEMESTER					SECOND SEMESTER			
	Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
	ITP 140	Capstone Project & Research 2 (0/9)	3	ITP 135	ITP 142	Practicum (486 hrs)	6	Completed Courses from 1st Yr to 4th Yr 1st Semester
	ITP 141	Systems Administration & Maintenance (2/3)	3	ITP 134				
			6				6	

IT PROFESSIONAL FREE ELECTIVE COURSES (18 UNITS)

	FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
ITPFE 1	Web Systems & Technologies 2 (2/3)	3	ITPE 122	ITMSD 1	Fundamentals of Mobile Design and Tools (2/3)	3	3rd Year Standing
ITBAN 1	Fundamentals of Business Analytics	3	3rd Year Standing	ITMSD 2	Advanced Mobile Application Development (2/3)	3	ITMSD 1
ITBAN 2	Fundamentals of Enterprise Data Management	3	ITBAN 1	ITMSD 3	Cross Platform Mobile Application Development (2/3)	3	ITMSD 1
ITBAN 3	Fundamentals of Analytics Modeling (2/3)	3	ITBAN 1	ITMSD 4	Mobile Cloud Computing Application Development (2/3)	3	ITMSD 1
ITBAN 4	Analytics Techniques and Tools (2/3)	3	ITBAN 1	ITMSD 5	Secure Mobile Application Development (2/3)	3	ITMSD 1
ITBAN 5	Analytics Applications (2/3)	3	ITBAN 1	ITMGD 1	Introduction to Multimedia (2/3)	3	3rd Year Standing
ITNET 1	Virtual Systems and Services (2/3)	3	3rd Year Standing	ITMGD 2	Digital Production (2/3)	3	ITMGD 1
ITNET 2	Cloud Computing Technology (2/3)	3	ITNET 1	ITMGD 3	Introduction to Game Design and Tools (2/3)	3	ITMGD 1
ITNET 3	Network Security & Management (2/3)	3	ITNET 1	ITMGD 4	3D Modeling and Animation(2/3)	3	ITMGD 1
ITNET 4	Lot Architecture and Design (2/3)	3	ITNET 1	ITMGD 5	Game Development (2/3)	3	ITMGD 1
ITNET 5	Enterprise Networking (2/3)	3	ITNET 1				

Content Noted by CHED RO-XI
Dated on July 23, 2018

Total No. of Units: 146

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF SPECIAL NEEDS EDUCATION (Generalist)

Per CHED Memorandum Order No. 77; CMO No. 20, s. 2013; CMO 57, s. 2017 & CMO 04, s. 2018

NAME: _____ **AY STARTED:** _____

ID No: _____

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
STS 10	Science, Technology and Society	3	None	Hist 10	The Life and Works of Rizal	3	None
PerDeV10	Understanding the Self	3	None	STS 11	People and the Earth's Ecosystem	3	None
Hum 10	Art Appreciation	3	None	SNED 2	Learners w/ Developmental Disabilities	3	SNED 1
Philo 10	Ethics	3	None	SNED 3	Learners w/ Sensory and Physical Disabilities	3	SNED 1
Eng 10	Purposive Communication	3	None	SNED 4	Introduction to Manual Communication	3	SNED 1
SNED 1	Foundation of Special & Inclusive Education	3	None	Educ 100	The Child and Adolescent Learner and Learning Principles	3	PerDev10
Educ 103	Tech. for Teaching and Learning 1	3	None	Educ 128	The Teacher and School Curriculum	3	None
SPEAR 1	Movement Enhancement	(2)	None	SPEAR 2	Fitness Exercises	(2)	SPEAR 1
NSTP 1	LTS/CWTS/ROTC	(3)	None	NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		21				**21**	

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Hist 11	Readings in the Philippine History	3	None	Lit 10	Literatures in Mindanao	3	None
Math 15	Mathematics in the Modern World	3	None	SocSci 10	The Contemporary World	3	None
SNED 5	Learners with Emotional, Behavioral, Language and Communication Disabilities	3	SNED 1	SNED 9	Educational Assessment of Students with Additional Needs	3	SNED 1 and 8
SNED 6	Introduction to Braille Reading and Writing with Orientation and Mobility	3	SNED 1	SNED 10	Behavior Management and Modification	3	SNED 5
SNED 7	Gifted and Talented Learners	3	SNED 1	SNED 11	Adapted Physical Education, Recreation, Music and Health	3	SNED 8
SNED 8	Curriculum and Pedagogy in Inclusive Education	3	SNED 1, Educ 128	SNED 12	Instructional Adaptations In Language and Literacy Instruction	3	SNED 8
Educ 126	Facilitating Learner-Centered Teaching & Learning	3	Educ 100	Educ 107	Assessment in Learning 1	3	None
SPEAR 3	Physical Activity Towards Health and Fitness (PATH) 1	(2)	Spear 2	SPEAR 4	Physical Activity Towards Health and Fitness (PATH) 2	(2)	Spear 2
		21				**21**	

THIRD YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
SocSci 11	Peace Development and Indigenous Communities	**3**	None	SNED 16	Early Childhood Inc. Ed.	**3**	SNED 8
FL 10	Foreign Language	**3**	None	SNED 17	Transition Education	**3**	SNED 8
SNED 13	Instructional Adaptations In Mathematics and Science Instruction	**3**	SNED 8	SNED 18	Research in Special Needs and Inclusive Education	**3**	None
SNED 14	Instructional Adaptations for Teaching Content Areas (Soc. Sci, Hum.)	**3**	SNED 8	SNED 19	Teaching Multi-Grade Classes	**3**	SNED 8 and 9
SNED 15	Development of Individualized Education Plans	**3**	SNED 8 and 9	Educ 130	Building and Enhancing New Literacies Across the Curriculum	**3**	None
Educ 101	The Teacher and the Community, Sch Culture &Orq'l Leadership	**3**	None	Educ 111	The Teaching Profession	**3**	Educ 101
Educ 108	Assessment in Learning 2	**3**	Educ 107			**18**	
		21					

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
FS 100	Observation of Teaching-Learning in Actual School Environment	**3**	All Prof Ed & Major Courses	Educ 145	Teaching Internship	**6**	FS 100 and FS 101
FS 101	Participation and Teaching Assistantship	**3**		CSA 101	Competency and Skills Appraisal for Prof. Ed Courses	**2**	None
CSA 100	Competency and Skills Appraisal for Gen. Ed Courses	**2**	None	CSA 102	Competency and Skills Appraisal for Specialization Courses	**2**	None
		8				**10**	

Content Noted by CHED RO-XI

Dated on January 14, 2021

SUMMARY: UNITS

General Education Courses	36
Professional Education Courses	42
Major Courses	48
Mandated Courses	14
Institutional Courses	15
TOTAL:	**155**

Republic of the Philippines

DAVAO ORIENTAL STATE UNIVERSITY

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BACHELOR OF TECHNOLOGY AND LIVELIHOOD EDUCATION major in HOME ECONOMICS (BTLeD-HE)

Per CMO No. 78, s. 2017; CMO No. 20, s. 2013; No. 57, s. 2017 CMO 04, s. 2018

NAME: _____ **AY STARTED:** _____

ID No: _____

FIRST YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
PerDev 10	Understanding the Self	3	None	Hist 11	Readings in Phil History	3	None
SocSci. 10	The Contemporary World	3	None	Math 15	Mathematics in the Modern World	3	None
STS 10	Science, Technology, & Society	3	None	STS 11	People and Earth's Ecosystems	3	None
Eng.10	Purposive Communication	3	None	Educ 100	The Child & Adolescent Learner & Learning Principles	3	PerDev 10
Hum 10	Art Appreciation	3	None	Educ 103	Technology for Teaching and Learning 1	3	None
Hist 10	The Life and Works of Rizal	3	None	BTLE 102	Introduction to Industrial Arts 1	3	None
Philo 10	Ethics	3	None	SocSci 11	Peace Development and Indigeneous Communities	3	None
Lit 10	Literature in Mindanao	3	None	BTLE 103	Home Economics Literacy	3	None
SPEAR 1	Movement Enhancement	(2)	None	SPEAR 2	Fitness Exercises	(2)	SPEAR 1
NSTP 1	LTS/CWTS/ROTC	(3)	None	NSTP 2	LTS/CWTS/ROTC	(3)	NSTP 1
		24				**24**	

SECOND YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
Educ 127	Facilitating Learner-Centered Teaching: The Learner-Centered Approaches w/ Emphasis on Trainers Methodology I	3	EDUC 100	Educ 102	The Teaching Profession	3	Educ. 111
SNED 1	Foundation of Special and Inclusive Education	3	Educ 100	Educ 129	Cur. Dev. and Evaluation w/ Emphasis on TM II	3	Educ. 127
Educ 131	Building and Enhancing Literacy Across the Cur. w/ Emphasis on the 21st Century Skills	3	None	BTLE 104	Family and Consumer Life Skills	3	BTLE 103
Educ 107	Assessment of Learning 1	3	None	Educ 109	Assessment of Learning 2 with focus on TM I & II	3	Educ. 107, Educ 127
Educ 111	The Teacher and the Community, School , Culture & Organizational Philippine TVET System	3	None	BTLE 108	Technology for Teaching and Learning 2	3	EDUC 103
BTLE 105	Introduction to ICT 1	3	None	BTLE 109	Introduction to ICT 2	3	BTLE 105
BTLE 106	Introduction to Agri-Fishery Arts 1	3	None	BTLE 110	Introduction to Agri-Fishery Arts 2	3	BTLE 106
BTLE 107	Introduction to Industrial Arts 2	3	BTLE 102	FL 10	Foreign Language	3	None
SPEAR 3	Physical Activity Towards Health and Fitness (PATH) 1	(2)	Spear 2	SPEAR 4	Physical Activity Towards Health and Fitness (PATH) 2	(2)	Spear 2
		24				**24**	

THIRD YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
BTLE 101	Entrepreneurship	3	Math 15	BTLE-R118	Technology Research II	3	BTLE-R117
BTLE -HE 1	Household Resource Management	3	BTLE 103	BTLE -HE 7	Child and Adolecent Development	3	None
BTLE -HE 2	Consumer Education	3	BTLE 103	BTLE -HE 8	Mariage and Family Relationship	3	None
BTLE -HE 3	Principles of Food Preparation	3	BTLE 103	BTLE -HE 9	Clothing Selection, Purchase & Care	3	None
BTLE -HE 4	Food and Nutrition	3	BTLE 103	BTLE -HE 10	Clothing Construction	3	None
BTLE -HE 5	Fundamentals of food Technology	3	BTLE 103	BTLE -HE 11	Arts and Daily Living	3	None
BTLE -HE 6	School Food Service Management	3	BTLE 103	BTLE -HE 12	Crafts Design (Handicraft)	3	None
BTLE-R117	Technology Research I	3	Eng. 10				
		24				**21**	

FOURTH YEAR

FIRST SEMESTER				SECOND SEMESTER			
Course No.	Course Description	Units	Pre-requisite	Course No.	Course Description	Units	Pre-requisite
FS 100	Observations of Teaching-Learning in Actual Sch Environment	3	All Prof Ed & Major Courses	Educ 145	Teaching Internship	6	FS 100 & FS 101
FS 101	Participation and Teaching Assistantship	3		CSA 101	Competencies and Skills Appraisal for Prof. Educ. Courses	2	None
CSA 100	Competencies and Skills Appraisal for Gen. Educ. Courses	2	None	CSA 102	Competencies and Skills Appraisal for Specialization Courses	2	None
		8				**10**	

Content Noted by CHED RO-XI
Dated on January 14, 2021

SUMMARY: UNITS

General Education Courses	36
Professional Education Courses	48
Major and Specialization Course	66
Mandated Courses [PE(8), NSTP(6)]	14
Institutional Course	9
TOTAL:	**173**