



Bachelor of Science in Forestry

Program Educational Objectives:

The graduates of BS Forestry program should be able to practice the profession with competence and integrity in promoting sustainable management of forest resources and ecosystem services and conservation of soil, water and biodiversity.

Student Outcomes:

- Conduct comprehensive assessment and accounting of forest ecosystem services and resources and social processes using appropriate ICT and related tools and methods
- Assess climate change impacts, risks and vulnerabilities, and to prepare climate change adaptation, mitigation and disaster risk reduction plan

- Formulate, package, implement, and evaluate forest management-related research, development and extension programs, projects and policies
- Interpret, assess and formulate forest related policies and law
- Use IT and other traditional and modern tools, approaches and methods in problem solving, planning, management and other management activities.

Republic of the Philippines
BATANGAS STATE UNIVERSITY

Batangas City

PROGRAM CURRICULUM

for

BS Forestry

AY 2018-2019

FIRST YEAR - FIRST SEMESTER						
Course Code	Course Title	Credit/s	Hour/s		Pre-Requisite/s	Co-Requisite/s
			Lec	lab		
FBS 101	Forest Ecology	3	2	3		
FRM 101	Introduction to Forestry	3	3	0		
FRM 102	Tropical Forestry and Climate Change	3	3	0		
GEd 101	Understanding the Self	3	3	0		
GEd 104	The Contemporary World	3	3	0		
GEd 105	Readings in Philippine History	3	3	0		
NSTP 111	National Service Training Program 1	3	3	0		
NSTP 111CW	NSTP - Civic Welfare Training Service 1	3	3	0		
NSTP 111LT	NSTP - Literacy Training Service 1	3	3	0		
NSTP 111RO	NSTP - Reserve Officers Training Corps 1	3	3	0		
PE 101	Physical Fitness, Gymnastics and Aerobics	2	2	0		
Total		23	22	3		

FIRST YEAR - SECOND SEMESTER						
Course Code	Course Title	Credit/s	Hour/s		Pre-Requisite/s	Co-Requisite/s
			Lec	lab		
FBS 102	Botany	3	2	3		
FBS 103	Tree Architecture and Morphology	3	2	3		
FRM 103	Geology and Forest Soils	3	2	3		
GEd 102	Mathematics in the Modern World	3	3	0		
GEd 106	Purposive Communication	3	3	0		
Litr 102	ASEAN Literature	3	3	0		
NSTP 121	National Service Training Program 2	3	3	0	NSTP 111	
NSTP 121CW	NSTP - Civic Welfare Training Service 2	3	3	0	NSTP 111CW	
NSTP 121LT	NSTP - Literacy Training Service 2	3	3	0	NSTP 111LT	
NSTP 121RO	NSTP - Reserve Officers Training Corps 2	3	3	0	NSTP 111RO	
PE 102	Rhythmic Activities	2	2	0	PE 101	
Total		23	20	9		

SECOND YEAR - FIRST SEMESTER						
Course Code	Course Title	Credit/s	Hour/s		Pre-Requisite/s	Co-Requisite/s
			Lec	lab		
FBS 204	Tree Physiology	3	2	3	FBS 102	
FBS 205	Taxonomy and Dendrology of Forest Plants	5	3	6	FBS 102	
FRM 204	Forest Surveying and Engineering	4	2	6	GEd 102	
FRM 205	Forest Resource Economics	3	3	0		
GEd 108	Art Appreciation	3	3	0		
IT 100	Computer Applications	3	2	3		
PE 103	Individual and Dual Sports	2	2	0	PE 101	

Total	23	17	18		
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SECOND YEAR - SECOND SEMESTER

Course Code	Course Title	Credit/s	Hour/s		Pre-Requisite/s	Co-Requisite/s
			Lec	lab		
FBS 206	Forest Genetics and Tree Improvement	3	2	3	FBS 204	
FPU 201	Wood Structure and Identification	3	2	3	FBS 102	
FRM 206	Geospatial Methods in Forestry	3	2	3	FRM 204	
FRM 207	Forest Ecosystems Resource Accounting and Valuation	4	2	6	FRM 205	
Fili 101	Kontekstwalisadong Komunikasyon sa Filipino	3	3	0		
GEd 109	Science, Technology and Society	3	3	0		
GEd 115	Gender and Society	3	3	0		
PE 104	Team Sports	2	2	0	PE 101	
Total		24	19	15		

SECOND YEAR - SUMMER

Course Code	Course Title	Credit/s	Hour/s		Pre-Requisite/s	Co-Requisite/s
			Lec	lab		
FORE 401	Ecotourism and Outdoor Recreation Management	3	2	3	2nd Year Standing	
FRM 208	Silviculture 1 - Forest Nurseries and Plantation Development	3	2	3	FBS 206	
Total		6	4	6		

THIRD YEAR - FIRST SEMESTER

Course Code	Course Title	Credit/s	Hour/s		Pre-Requisite/s	Co-Requisite/s
			Lec	lab		
FBS 307	Forest Health and Protection	4	2	6	FBS 206	
FPU 302	Properties and Utilization of Wood Products	3	2	3	FPU 201	
FRM 309	Silviculture 2 - Silvicultural Systems	3	2	3	FRM 208	
FRM 310	Forest Enterprise Development and Management	3	3	0		
SFFG 401	Forest Governance and Policy	3	3	0		
Fili 102	Filipino sa Iba't-ibang Disiplina	3	3	0		
GEd 107	Ethics	3	3	0		
GEd 111	Technical Writing	3	3	0		
Total		25	21	12		

THIRD YEAR - SECOND SEMESTER

Course Code	Course Title	Credit/s	Hour/s		Pre-Requisite/s	Co-Requisite/s
			Lec	lab		
FBS 308	Forest Wildlife and Biodiversity Conservation	3	2	3	FBS 101	
FOR RES 401	Problem Analysis and Research Methods	3	3	0	GEd 111	
FORE 402	Urban Forestry and Landscaping	3	2	3	FRM 309	
FPU 303	Properties and Utilization of Non-wood Products	3	2	3	FPU 302	
FRM 311	Watershed Management	3	2	3	FRM 206	
SFFG 402	Forest Laws and Regulations	3	3	0	SFFG 401	
GEd 116	Philippine Popular Culture	3	3	0		
Total		21	17	12		

THIRD YEAR - SUMMER

Course	Course Title	Credit/s	Hour/s	Pre-Requisite/s	Co-Requisite/s
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Code			Lec	lab	
OJT 107	On-the-Job Training 1 (300 hours)	6	0	300	3rd Year Standing
Total		6	0	300	

FOURTH YEAR - FIRST SEMESTER

Course Code	Course Title	Credit/s	Hour/s		Pre-Requisite/s	Co-Requisite/s
			Lec	lab		
FBS 409	Protected Area Management	3	2	<u>3</u>	FBS 205, SFFG 402	
FOR RES 402	Thesis	4	4	0	FOR RES 401	
FORE 403	Environmental Impact Assessment	3	2	<u>3</u>	SFFG 402	
FPU 404	Production Management in Forest-based Industries	3	3	0	FPU 303	
SFFG 403	Social Forestry and Community-based Natural Resources Management	3	2	<u>3</u>	SFFG 402	
GEd 103	Life and Works of Rizal	3	3	0		
Total		19	16	9		

FOURTH YEAR - SECOND SEMESTER

Course Code	Course Title	Credit/s	Hour/s		Pre-Requisite/s	Co-Requisite/s
			Lec	lab		
FOR REV 401	Pre-board Review	1	1	0	Graduating Standing	
FORE 404	Restoration of Degraded Ecosystems	3	2	<u>3</u>	FBS 101	
FRM 412	Integrated Forest Resources Management	3	3	0	SFFG 402	
SFFG 404	Agroforestry and Sustainable Upland Development	3	2	<u>3</u>	FRM 309	
SFFG 405	Forestry Extension, Communication and Knowledge Management	3	2	<u>3</u>	SFFG 403	
Total		13	10	9		