



COURSE CHECKLIST

Course Checklist for:

BACHELOR OF SCIENCE IN METEOROLOGY (BSMet)

Name: **BULIC, PATRICK RUPERT P. 21-1-01096**

Effective-1st Sem 2022 - Present

Based on:

BOR Resolution No. 17, s.2012

dated March 15, 2012

CMO No.

TERM	Course No.	Courses	Hours		Units	Rating	Prerequisite/ Co-requisite
			Lec	Lab			
FIRST YEAR							
	Mete 111	Introduction to Meteorology	3	0	3	1.50	None
	Math 13	College Algebra and Trigonometry	5	0	5	2.00	None
	Chem 11	General Chemistry I	3	3	4	1.50	None
	Biol 11	General Biology	3	3	4	1.25	None
	Math 11n	Math in the Modern World	3	0	3	1.50	None
	PhEd 11	Movement Enhancement	2	0	2	1.50	None
	NSTP 11	National Service Training Program I	3	0	3	1.25	None
	Total:		22	6	24		
2nd Sem	Course No.	Subjects	Hours		Units		Prerequisite/ Co-requisite
			Lec	Lab			
	Math 112	Analytic Geometry and Calculus I	5	0	5	2.25	Math 13
	Chem 21	General Chemistry II	2	3	3	1.25	Chem 11
	Mete 136	Meteorological Instruments and Methods of Observation	3	0	3	2.75	Mete 111
	Csci 21	Introduction to Computers	2	3	3	1.25	None
	ScSc 11n	Understanding the Self	3	0	3	1.00	None
	PhEd 12	Fitness Exercises	2	0	2	1.25	PhEd 11
	NSTP 12	National Service Training Program II	3	0	3	1.25	NSTP 11
Total:		20	6	22			
Mid - Year	Course No.	Subjects	Hours		Units		Prerequisite/ Co-requisite
			Lec	Lab			
	Phys 11	General Physics	3	3	4	1.25	Math 13
	Comm 11	Purposive Communication	3	0	3	1.25	None
	Total:		6	3	7		
SECOND YEAR							
1st Sem	Course No.	Subjects	Hours		Units		Prerequisite/ Co-requisite
			Lec	Lab			
	Mete 131n	Synoptic Meteorology I	3	6	5	2.00	Mete 111
	EC 131	Astronomy	3	0	3	1.75	None
	Math 113	Analytic Geometry and Calculus II	5	0	5	2.00	Math 112
	Phys 21	College Physics	2	3	3	1.50	Phys 11
	ScSc 12n	Readings in Philippine History	3	0	3	1.25	None
	Scts 11	Science, Technology and Society	3	0	3	1.25	None
	PhEd 13	Physical Activities Towards Health and Fitness 1	2	0	2	1.50	PhEd 12
Total:		21	9	24			
2nd Sem	Course No.	Subjects	Hours		Units		Prerequisite/ Co-requisite
			Lec	Lab			
	Mete 132n	Synoptic Meteorology II	3	6	5	2.00	Mete 131
	ES 131	Atmospheric Physics	3	0	3	1.25	Mete 111, Phys 21
	Math 114a	Differential Equations	5	0	5	2.25	Math 113
	Math 131a	Vector Analysis	3	0	3	2.00	Math 113, Phys 21
	Esci 122t	Engineering Graphics	2	3	3	1.25	None
	ScSc 13n	The Contemporary World	3	0	3	1.50	None
	PhEd 14	Physical Activities Towards Health and Fitness 1	2	0	2	1.50	PhEd 13
Total:		21	9	24			

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THIRD YEAR							
1st Sem	Course No.	Subjects	Hours		Units		Prerequisite/
			Lec	Lab			Co-requisite
	Mete 133	Dynamic Meteorology I	5	0	5	2.25	Mete 111, Math 114
	Mete 143	Basic Climatology and Agrometeorology	3	0	3	1.50	Mete 111
	Mete 145	Principles of Numerical Weather Prediction	2	3	3	2.25	Math 131
	EC 132	Descriptive Oceanography	3	0	3	1.50	None
	Agro 21	Fundamentals of Crop Production	2	3	3	1.75	Bio 11
	Phlo 11	Ethics	3	0	3	1.25	None
	Itec 11	Living in the IT Era	3	0	3	1.50	None
Total:			21	6	23		
2nd Sem	Course No.	Subjects	Hours		Units		Prerequisite/
			Lec	Lab			Co-requisite
	Mete 134	Dynamic Meteorology II	5	0	5	1.25	Mete 133
	Mete 141	Meteorological Radars and Satellites	3	0	3	1.50	ES 131
	Mete 144	Climatology and Climate Change	3	0	3	1.50	Mete 132
	Mete 149	Tropical Meteorology	3	0	3	1.50	Mete 133
	Mete 151	Weather Analysis and Forecasting Practicum I	2	3	3	1.25	Mete 136
	Csci 135	Computer Application to Meteorology	2	3	3	1.25	Csci 21
	Soil 22	Fundamentals of Soil Science	2	3	3	1.50	Chem 11
Total:			20	9	23		
Mid - Year	Course No.	Subjects	Hours		Units		Prerequisite/
			Lec	Lab			Co-requisite
	Mete 200a	On the Job Training (240 hours with at least 160 hours of actual industry engagement)	1	3	2	1.00	Mete 134, 3rd year
	ES 133	Natural Hazards and Disaster Risk Reduction	2	3	3	1.00	None
	Total:			3	6	5	
FOURTH YEAR							
1st Sem	Course No.	Subjects	Hours		Units		Prerequisite/
			Lec	Lab			Co-requisite
	Mete 146	Mesoscale Meteorology		0	3	1.25	Mete 146
	Mete 147	Meteorological Research Methods	2	3	3	1.25	4th year standing
	Mete 152	Weather Analysis and Forecasting Practicum II	0	6	2	1.50	Mete 151
	Mete 199	Undergraduate Seminar	1	0	1	1.25	None
	ES 134	Field Work	2	0	2	1.00	ES 133
	Envi 11	Environmental Science	3	0	3	1.00	None
	Entr 11	The Entrepreneurial Mind	3	0	3	1.25	None
Ansci 22	Principles of Animal Production	2	3	3	1.50	Bio 11	
Total:			16	12	20		
2nd Sem	Course No.	Subjects	Hours		Units		Prerequisite/
			Lec	Lab			Co-requisite
	Mete 148	Research in Meteorology and Climatology	2	6	4	E	Mete 147
	EC 133	GIS Application to Meteorology	2	3	3	E	ES 131
	EC 134	Hydrology	3	0	3	E	Mete 131
	ES 132	Fundamentals of Remote Sensing	3	0	3	E	ES 131
	Humn 11	Art Appreciation	3	0	3	E	None
	ScSc 16	Life and Works of Rizal	3	0	3	E	None
Total:			16	9	19		
Grand Total			166	75	191		

REMARKS: FOR SCHOLARSHIP PURPOSES ONLY
NOT VALID FOR TRANSFER

Legend: E - Enrolled


RAYMUND M. IGCASAMA
University Registrar

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