

# METEOROLOGY (B.S.)

## Curriculum Map

Course	Title	Hours
<b>Freshman</b>		
<b>Spring</b>		
CHEM 142 & CHML 142	GENERAL CHEMISTRY II and GENERAL CHEMISTRY II LAB	4
ENG 105 or ENG 112	COMPOSITION II or COMPOSITION	3
MET 210	CLIMATOLOGY	3
METL 219	WEATHER ANALYS/FORECASTG LAB I	1
MET 270	COMPUTNAL DATA ANLYS VISUALI	3
Pathway Option		3
<b>Hours</b>		<b>17</b>
<b>Fall</b>		
ENG 104 or ENG 103 or ENG 111	COMPOSITION I or English Composition I with Co-requisite Support or COMPOSITION & LITERATURE FOR L	3
CHEM 141 & CHML 141	GENERAL CHEMISTRY I and GENERAL CHEMISTRY LAB	4
MATH 241	CALCULUS I WITH LABORATORY	3
MET 200 & METL 200	INTRO TO METEOROLOGY and ATMOSPHERIC PROC & PTRRNS LAB	4
UNIV 100	UNIVERSITY SUCCESS	2
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Spring</b>		
MATH 243	CALCULUS III WITH LABORATORY	3
MET 311	GENERAL METEOROLOGY	3
METL 299	WEATHER ANALYS/FORECASTG LAB II	1
PHY 212 & PHY 212	General Physics II and GENERAL PHYSICS LAB II	4
UNIV 200		1
Pathway Option		3
<b>Hours</b>		<b>15</b>
<b>Fall</b>		
MATH 242	CALCULUS II WITH LABORATORY	3
MET 303 & METL 303	MEASUREMENTS & OBSERVATIONS and MEASUREMENTS & OBSRVTNS LAB	4
PHY 211 & PHY 211	General Physics I and GENERAL PHYSICS LAB I	4
Humanities & Fine Arts Option		3
Pathway Option		3
<b>Hours</b>		<b>17</b>
<b>Junior</b>		
<b>Spring</b>		
MATH 355	PROBABILITY&STATISTICS I	3
MET 341	DYNAMIC METEOROLOGY	3
Social & Behavioral Science		3
MET 399 Weather Analysis & Forecasting Lab		1
Meteorology Elective		3
Restricted Elective		3
<b>Hours</b>		<b>16</b>
<b>Fall</b>		
MATH 244	CALCULUS IV WITH LABORATORY	3
MET 321	ATMOSPHERIC THERMODYNAMICS	3
METL 399	WEATHER ANAL/FORECASTG LAB III	1
Humanities & Fine Arts Option		3
Social & Behavioral Science Option		3

Meteorology Elective		3
<b>Hours</b>		<b>16</b>
<b>Senior</b>		
<b>Spring</b>		
MET 431	NUMERICAL METHODS	3
MET 499	SEMINAR IN ATMOSPHERIC SCIENCE	1
SCI 331	INTRO TO GIS & REMOTE SENSING	3
Restricted Elective		3
Restricted Elective		3
<b>Hours</b>		<b>13</b>
<b>Fall</b>		
MATH 368	DIFFERENTIAL EQUATIONS	3
MET 411	PHYSICAL METEOROLOGY	3
MET 421 & METL 421	INTRO TO SYN METEOROLOGY and SYNOPTIC METEOROLOGY LAB	5
MET 472	RES METHD IN METEOROLOGY	1
Humanities & Fine Arts Option		3
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>125</b>

### Notes:

- Candidates that transfer 12 or more hours of college credit are exempt from UNIV 100 UNIVERSITY SUCCESS; however, the student must take 2 hours of general electives to replace the UNIV course
- Online Graduation Clearance (**to be completed during the graduating semester only**).

### Meteorology Restricted Elective Options:

Code	Title	Hours
Any ITEM, ITHM, and MATH course above 244		3
ITEM 301	PRINCIPLES OF EMERGENCY MNGT	3
ITEM 303	COMMUNITY EMERGNCY RESPN TEAM	3
ITEM 401	APP OF EMRGNCY MNGT CMPTR TEC	3
ITHM 300	PRIN OF HAZARDOUS MATERLS MNGT	3
ITHM 405	RISK ASSESSMENT	3
ITMA 410	1ST LINE SUPRVSN & FRMAN	3
CSC 118	COMPUTER SCIENCE I	3
CSC 119	COMPUTER SCIENCE II	3
CSC 215	DATA ANALYTICS	3
CSC 228	DATA STRUCTURES & ALGORITHMS	3
CSC 235	SECURITY AWARENESS	3
CSC 245	INTRODUCTION TO BIOINFORMATICS	3
CSC 330	DATABASE SYSTEMS	3