



# BROADCAST METEOROLOGY

Bachelor of Science

School of Mathematics, Science & Engineering

## Program Overview

The Broadcast Meteorology program prepares students to learn about and interpret atmospheric phenomenon and meteorological data, gathered by surface and upper air stations, satellites, and radar to prepare reports and forecasts for public presentation. The program is taught jointly between the Meteorology and Communication Arts departments. UIW has dedicated state-of-the-art weather broadcasting facilities using Weather Central software for skill development. The on-air broadcast program is taught by professional broadcast meteorologists. The UIW graduate will obtain the educational training to qualify for the American Meteorological Society examination for a Certified Broadcast Meteorologist after completing 5 years in the broadcast field.

## Professional School Opportunities

The Broadcast Meteorology program prepares students for entering a wide variety of professional careers in the communication of weather presentation and forecasting to the public through cable, satellite, regular broadcast TV, radio, journalism, and weather services. Our graduates are prepared to step in and work immediately in broadcasting studios.

## Career Opportunities

Broadcast Meteorology offers a high-profile career in media weathercasting for television, radio, and newspapers. Related careers in meteorology include marketing and sales of meteorological equipment made by companies involved in the design and manufacture of weather instruments.

## Contact

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## Website

[www.uiw.edu/meteorology](http://www.uiw.edu/meteorology)

**Bachelor of Science in Broadcast Meteorology**  
**SCHOOL OF MATH, SCIENCE, & ENGINEERING**  
**2015-2017**

<b>Freshman Year: Fall</b>		<b>Hrs.</b>
ENGL 1311 Composition I		3
CHEM 1301 Chemical Principles I		3
METR 1325 Natural Hazards		3
MATH 1311 Precalculus		3
SPAN 1311 Elementary Spanish I, or language other than English		3
<b>Total hours</b>		<b>15</b>

<b>Sophomore Year: Fall</b>		<b>Hrs.</b>
METR 1360 Climatology		3
METR 1430 Meteorology		4
PHYS 2305 Physics I		3
PHYS 2105 Physics I Lab		1
ENGL 2310 World Literature Studies		3
MATH 2313 Calculus II		3
<b>Total hours</b>		<b>17</b>

<b>Junior Year: Fall</b>		<b>Hrs.</b>
METR 3360 Satellite Meteorology		3
METR 3310 Radar Meteorology		3
Religion Core		3
PHIL 1381 Introduction to Philosophy		3
METR Advanced Elective (3 hours)		3
METR 3340 Hydrology		3
<b>Total hours</b>		<b>18</b>

<b>Senior Year: Fall</b>		<b>Hrs.</b>
METR 3325 Thermodynamic Meteorology		3
METR 3330 Forecasting II		3
METR 3356 Synoptic Meteorology		3
METR 4310 Weathercasting I		3
METR 3390 Instrumentation		3
METR 3190 Meteorological Instrumentation Lab		1
<b>Total hours</b>		<b>16</b>

<b>Freshman Year: Spring</b>		<b>Hrs.</b>
ENGL 1312 Composition II		3
CHEM 1302 Chemical Principles II		3
CHEM 1203L General Chemistry Lab		2
Fine Arts Core		3
SPAN 1312 Elementary Spanish II, or language other than English		3
MATH 2311 Calculus I		3
<b>Total hours</b>		<b>17</b>

<b>Sophomore Year: Spring</b>		<b>Hrs.</b>
MATH 2314 Differential Equations		3
PHYS 2306 Physics II		3
PHYS 2106 Physics II Lab		1
Computer Programming (3 hours)		3
COMM 1311 Public Speaking		3
DWHP 1200 Dimensions of Wellness or DWHP 3200		2
PEHP Physical Education Activity		1
<b>Total hours</b>		<b>16</b>

<b>Junior Year: Spring</b>		<b>Hrs.</b>
METR 3320 Forecasting I		3
History Core		3
PHIL/RELS 3000-4000		3
GEOL 1420 Oceanography		4
COMM 3360 Video Production II		3
<b>Total hours</b>		<b>16</b>

<b>Senior Year: Spring</b>		<b>Hrs.</b>
METR 4320 Weathercasting II		3
METR 4210 Capstone Broadcast Meteorology		2
METR 3335 Severe Weather		3
COMM 3353, 3380, 3390, or 3395		3
COMM 3353, 3380, 3390, or 3395		3
Social Science Core		3
<b>Total hours</b>		<b>17</b>

**Core Curriculum - Total Hours 43**  
**Major - Total Hours 89**  
**Degree - Total Hours 132**