

THIRD SEMESTER

<u>COURSE</u>	<u>ATTRIBUTE</u>	<u>CREDITS</u>
FAPA or LIT ⁶	Humanities and Fine and Performing Arts OR Humanities and Literature	3
MAT 123 or 225	Mathematics Sequence OR Science/Mathematics Elective	4
PHY 151 Physics Science and Math I	Science Sequence	4
CSC 120 ⁷ Computer Science I	Science/Mathematics Elective	4
Any ⁸	General Elective	1
Total		16

⁶ Be sure to carefully select a course that fulfills BOTH the Humanities (HUM) and Fine and Performing Arts (FAPA) attributes OR BOTH the Humanities (HUM) and Literature (LIT) attributes.

⁷ Computer programming is a valued skill in the field of Meteorology and opens up a large array of career possibilities. A student interested in Meteorology might wish to pursue a minor in Computer Science and/or Programming at their bachelors program of choice.

⁸ Here you can take any course. As there are not many 1 credit courses you can take any 2 or 3 credit courses here as well. It may be best to consult with your Meteorology advisor and or the transfer school as to what would be best to take here. Any course more than 1 credit would mean you would end up having more than the 64 required credits to obtain an NCC degree.

FOURTH SEMESTER

<u>COURSE</u>	<u>ATTRIBUTE</u>	<u>CREDITS</u>
PHYS 152 Physics Science and Math II	Science Sequence	4
CHE 151 ⁹ General Chemistry I	Science/Mathematics Elective	4
CSC 130 ⁷ Computer Science II	General Elective	4
MAT 131 ¹⁰ Probability with Statistical Inference	General Elective OR Science/Mathematic Elective	3
Physical Education Elective(s)	Physical Education	1
Total		16

⁹ Different bachelors programs require different levels of chemistry to obtain a BS degree. It would be best to contact the intended transfer school to find out about the best chemistry course to take at NCC.

¹⁰ If the bachelors program you are interested in transferring to does not require a statistics course, you could choose to take a second chemistry or a higher level computer programming course here.

Total for Degree 64 Credits

A Recommended Course Sequence for Liberal Arts Students Interested in Meteorology

Meteorology Faculty

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NASSAU COMMUNITY COLLEGE



Meteorology

A Recommended Course Sequence
 for Liberal Arts Students Interested
 in Meteorology

PHYSICAL SCIENCES DEPARTMENT
 Tel 516.572.7278



Meteorology Concentration

The following sequence is intended for students pursuing a Liberal Arts Associate Science (AS) degree who are interested in Meteorology. Students completing this sequence are preparing themselves to transfer to a Bachelor in Science (BS) program in Meteorology, Atmospheric Sciences, or related fields. The student completing this degree has considerable flexibility in a choice of careers, which can include forecasting, broadcasting, teaching, and related fields. Employment may be found with the National Weather Service (NWS), research universities, news organizations, and many public and private research institutions. Opportunities to teach high school earth science and/or physics as well as college level meteorology courses are options as well. After receiving a bachelors degree, many students continue on to receive Masters and/or Doctoral degrees.

Students are encouraged to speak with a Meteorology professor in order to receive personalized advisement. Please feel free to contact any of the professors by email or phone listed on the back of the brochure.

FIRST SEMESTER

<u>COURSE</u>	<u>ATTRIBUTE</u>	<u>CREDITS</u>
ENG 101/108 ¹	English Composition	3
MAT 111 or 122 ²	Mathematics	4
MET 101 Meteorology	Science/Mathematics Elective	4
GEO 101 Intro to Geography ³	Social and Behavioral Science and Other Liberal Arts ³	3
Physical Education Elective(s)	Physical Education	1
Total		15

¹ ENG 108 and ENG 109 are the honors versions of ENG 101 and 102 for students in the NCC Honors Program.

² You should take the highest level of Math recommended based upon your NCC placement exam. If needed, lower level math courses can be taken before MAT 111 to properly prepare you to successfully complete the math requirements. In general most bachelors programs require students to complete Calculus I (MAT 122), Calculus II (MAT 123), Calculus III (MAT 225) and Differential Equations (MAT 234) to obtain the BS degree. Its best to finish up to Calculus III here at NCC, but you could also complete Differential Equations (MAT 234) at NCC if your transfer school allows.

³ This Social and Behavioral Science course also satisfies the Global Awareness and Non-Western Cultures (GLNW) attribute.

SECOND SEMESTER

<u>COURSE</u>	<u>ATTRIBUTE</u>	<u>CREDITS</u>
ENG 102/103/109 ¹	English Composition	3
MAT 122 or 123	Mathematics Sequence	4
CLI 101 Climatology	Science/Mathematics Elective	4
COM ⁴ 101/103/123/202	Humanities & Communication Arts	3
Social Sciences Elective ⁵	Social and Behavioral Science and Other Liberal Arts	3
Total		17

⁴ Select one out of these four courses.

⁵ This social sciences class must also satisfy either the Pluralism and Diversity (PLDI) attribute or the Western Heritage (WESH) attribute.

Note: One or more of the recommended courses can be taken during the Winterim or various Summer sessions to ease your course load during a regular semester.

