



**UNO College  
of Arts &  
Sciences**

**Bachelor in  
Physics**

**Associate to  
Bachelor's  
(A→B)  
Articulation  
Agreement**

For more information contact:

Office of Student Services  
**Metropolitan Community College**  
Elkhorn Valley Campus  
(402) 289-1205  
**Fort Omaha Campus**  
(402) 457-2705  
**South Omaha Campus**  
(402) 738-4505  
**Sarpy County Center**  
(402) 537-3800  
**Fremont Center**  
(402) 721-2507  
**Applied Technology Center**  
(402) 763-5800  
**Washington County  
Technology Center**  
(402) 533-8400  
[www.mccneb.edu](http://www.mccneb.edu)

**University of Nebraska at Omaha**  
College of Arts & Sciences  
Department of Physics  
(402) 554-2511  
[www.physics.unomaha.edu](http://www.physics.unomaha.edu)

**Pre-Physics (LAPAS)**  
Associate in Science

**General Education Requirements.....27**

| Metropolitan Community College Courses |      |                                |     |               | University of Nebraska at Omaha Equivalencies |                              |   |  |  |
|--|------|--------------------------------|-----|---------------|---|------------------------------|---|--|--|
| <b>Communication</b>                   |      |                                |     |               |   |                              |   |  |  |
| ENGL                                   | 1010 | English Composition I          | 4.5 | ENGL          | 1150  | English Composition          | 3 |  |  |
| ENGL                                   | 1020 | English Composition II *       | 4.5 | ENGL          | 1160  | English Composition          | 3 |  |  |
| SPCH                                   | 1110 | Public Speaking                | 4.5 | SPCH          | 1110  | Public Speaking Fundamentals | 3 |  |  |
| <b>Quantitative / Numeracy Skills</b>  |      |                                |     |               |   |                              |   |  |  |
| MATH                                   | 1310 | Intermediate Algebra           | 4.5 | MATH          | 1310  | Intermediate Algebra         | 3 |  |  |
| <b>Other</b>                           |      |                                |     |               |   |                              |   |  |  |
| HMRL                                   | 1010 | Human Relations Skills **      | 4.5 | No equivalent |   |                              |   |  |  |
| INFO                                   | 1001 | Information Systems & Literacy | 4.5 | CSCI          | 1000  | Computer Literacy            | 3 |  |  |

**Major Requirements for Pre-Physics.....72.5**

| MCC General Education Courses                               |           |   |           |  | UNO Distribution Requirements  |  |   |  |  |
|---|-----------|---|-----------|--|--|--|---|--|--|
| <b>Quantitative / Numeracy Skills / Computer Science</b>    |           |   |           |  | 9.5  |  |   |  |  |
| MATH  | 1420      | College Algebra *                           | 5         | MATH   | 1320   | College Algebra  | 3 |  |  |
| MATH  | 1430      | Trigonometry *                              | 4.5       | MATH   | 1330   | Trigonometry   | 3 |  |  |
| <b>Social Sciences</b>                                      |           |   |           |  | 22.5   |  |   |  |  |
| HIST  | 1110      | World Civilization - Prehistory to 1500 ~DG | 4.5       | Courses meet <b>UNO Humanities &amp; Fine Arts</b> requirement   |  |  |   |  |  |
| HIST  | 1120      | World Civilization - 1500 to Present ~DG    | 4.5       | Also meet <b>Diversity - Global</b> requirement (See note below) |  |  |   |  |  |
| <i>Select 3 courses from at least 2 different prefixes</i>  |           |   |           |  | 13.5   |  |   |  |  |
| ECON  | 1000      | HMSV  | 1010      | SOCI   | 2050   | Students will take 1 additional Social Science course at UNO after transferring to meet College of Arts & Sciences general education requirements.   |   |  |  |
| ECON  | 1100      | POLS  | 2050      | SOCI   | 2060 ~DUS  |  |   |  |  |
| GEOG  | 1010 ~DG  | POLS  | 2070      | SOCI   | 2160 ~DUS  |  |   |  |  |
| GEOG  | 1050 ~DG  | PSYC  | 1010      | SPCH   | 1220   |  |   |  |  |
| GEOG  | 2150 ~DG  | SOCI  | 1010      | SPCH   | 1300   |  |   |  |  |
| <b>Humanities Select 1 course</b>                           |           |   |           |  | 4.5 - 7.5  |  |   |  |  |
| ARTS  | 1000 ~DUS | HIST  | 1010      | MUSC   | 1050   | Courses meet <b>UNO Humanities &amp; Fine Arts</b> requirements 3<br>Students will take 3 additional Humanities & Fine Arts courses at UNO after transferring to meet College of Arts and Sciences general education requirements. |   |  |  |
| ARTS  | 1110      | HIST  | 1020      | PHIL   | 1010   |  |   |  |  |
| ARTS  | 1120      | HIST  | 1050 ~DUS | PHIL   | 1100   |  |   |  |  |
| ENGL  | 2460      | HUMS  | 1110 ~DG  | PHIL   | 2030   |  |   |  |  |
| ENGL  | 2510      | HUMS  | 1120 ~DG  | PHIL   | 2200 ~DG   |  |   |  |  |
| ENGL  | 2520      | HUMS  | 1130 ~DG  | SPAN   | 1110   |  |   |  |  |
| ENGL  | 2530 ~DUS | HUMS  | 1150 ~DG  | THEA   | 1000   |  |   |  |  |
| FREN  | 1010 ~DG  | HUMS  | 2310      |  |  |  |   |  |  |
| GERM  | 1010 ~DG  | JAPN  | 1010 ~DG  |  |  |  |   |  |  |
| <b>Natural Sciences / Quantitative / Numeracy Skills</b>    |           |   |           |  | 36   |  |   |  |  |
| MATH  | 2410      | Calculus I                                  | 7.5       | MATH   | 1950   | Calculus I   | 5 |  |  |
| MATH  | 2411      | Calculus II                                 | 7.5       | MATH   | 1960   | Calculus II  | 5 |  |  |
| MATH  | 2412      | Calculus III                                | 6         | MATH   | 1970   | Calculus III   | 4 |  |  |
| PHYS  | 210ABC    | General Physics IA, IB, IC                  | 7.5       | PHYS   | 2110 & 1154  | General Physics - Calc I & Lab   | 5 |  |  |
| PHYS  | 211ABC    | General Physics IIA, IIB, IIC               | 7.5       | PHYS   | 2120 & 1164  | General Physics - Calc II & Lab  | 5 |  |  |
|   |           |   |           |  | Upon transferring to UNO students will take one more natural science with a lab from a 3 <sup>rd</sup> discipline. |  |   |  |  |
| <b>Cultural Studies</b>                                     |           |   |           |  | <b>Diversity -</b>   |  |   |  |  |
| MCC requirement met by HIST 1110 & HIST 1120 required above |           |   |           |  | <b>Global - Met by HIST 1110 &amp; HIST 1120 required above ~DG</b>  |  |   |  |  |
|   |           |   |           |  | <b>U.S. - Met by any course marked ~DUS above</b>  |  |   |  |  |

**Total Required Quarter Hours.....99.5-102.5**

**Total Transferable Semester Hours.....64-66**

**NOTES**

**MCC courses are listed in quarter hours. UNO uses semester hours. 4.5 Qtr. Hrs. = 3 Sem. Hrs.**

\* Course is prerequisite, required for MCC's Associate in Science Degree and to transfer to UNO's College of Arts & Sciences, but is not required for the UNO Physics major.

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**Important Note: Sequenced courses should be completed at one institution.**