TEACH DUAL CREDIT

University of Nebraska Omaha

PHYSICS

Physics Dual Enrollment Credential *(Certificate coming soon)*

Take your expertise and teaching to the next level with UNO's Pyhysics Dual Enrollment Credential. Designed for Nebraska educators, this program offers a pathway to earning the graduate credits commonly required to teach dual-enrollment physics while strengthening classroom instruction through research-based teaching strategies. Flexible online coursework and intensive summer offerings, including UNO's Modeling Instruction workshops, make it possible to advance your expertise while continuing to teach.

All dual enrollment instructors must have at least a master's degree in the discipline in which they teach, or a master's degree in any discipline plus 18 graduate credits in the discipline in which they teach.

1 Apply to University of Nebraska at Omaha.

Complete your application at apply.unomaha.edu

2 Required courses:

- PHYS 8230* Physical Science Education
- PHYS 8960* Topics in the Teaching of Natural Science
- PHYS 8310‡ Introduction to Modeling for Physical Science

Plus, three electives:

- PHYS 8410‡ Modeling Mechanics
- PHYS 8320* Modeling Astronomy
- PHYS 8710‡ Modeling Electricity & Magnetism
- PHYS 8610‡ Modeling Instruction in Thermodynamics & Quantum

Courses listed represent a selection of options, with emphasis on courses offered fully online, during the summer, or outside traditional school hours; additional electives may be available.
** Course that can be completed entirely online.*
‡ Summer intensive.

Graduate coursework includes hands-on summer Modeling Instruction Workshops. Educators may also participate in workshops for professional development without enrolling for graduate credit. Contact Jason Testin jtestin@unomaha.edu or 402-554-3075 for workshop-related questions.



TEACHER PATHWAYS CONCIERGE

One Contact. Every Step.

We are here to make the process simple, seamless, and personalized. Your dedicated point of contact for everything from exploring course options to enrolling at UNO:

Brie Alsbury
Dual Enrollment Coordinator/Advisor
unodualteachers@unomaha.edu
402.554.4035

[DUALENROLL.UNOMAHA.EDU/GRAD-CERT]

APPROVED DUAL CREDIT AND EARLY ENTRY COURSES YOU CAN TEACH:

With this graduate certificate you are qualified to teach the following AP, Dual Credit Courses through University of Nebraska at Omaha (UNO) and Metropolitan Community College (MCC):

COURSE NAME *(Names may vary by institution)*	UNO	MCC
Physics for Life Science I	PHYS 1110	–
Physics for Life Science II	PHYS 1120	–
General Physics Laboratory I	PHYS 1154	–
General Physics Laboratory II	PHYS 1164	–
General Physics I - Calculus Level	PHYS 2110	–
General Physics II - Calculus Level	PHYS 2120	–
Principles of Astronomy	PHYS 1350	–
Introductory Astronomy Lab	PHYS 1354	
Applied Physics	–	PHYS 1010
Elementary General Physics I	–	PHYS 1410
Elementary General Physics II	–	PHYS 1420
General Physics I with Calculus	–	PHYS 2110
General Physics II with Calculus	–	PHYS 2120
Physical Science	–	SCIE 1010
Astronomy	–	SCIE 1300
Astronomy Lab	–	SCIE 1310

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