

TRANSFER GUIDE AND PLANNING WORKSHEET

Colorado Community Colleges University of Northern Colorado Bachelor of Science Degree – Physics – Secondary Teaching

This planning worksheet represents a guide for community college students transferring to the University of Northern Colorado (UNC) and majoring in Physics – Secondary Teaching. This transfer guide can be used in two ways:

- This guide is not part of the state-wide “60 + 60” articulation agreement, but can be used to efficiently transfer to UNC for Physics - Secondary Teaching. Students who complete this guide will have a remaining 68 hours to complete the degree at UNC. If the student completes an Associate of Arts degree or an Associate of Science degree at a Colorado community/junior college, this Transfer Guide identifies the courses a student needs to complete (with a C- or higher) at the community/junior college in order to be able to finish the designated baccalaureate degree. Under Colorado policy, students who complete an Associate of Arts or an Associate of Science degree at a Colorado community/junior college **and are admitted to a public 4-year college or university within Colorado** are also guaranteed: the full transfer of a minimum of 60 credits toward a baccalaureate degree at a Colorado institution of higher education, completion of the lower-division component of the receiving institution’s core curriculum, and junior standing. If more than 60 college-level credits are taken at the community/junior college, some loss of transfer credit may occur and students may not be able to complete this baccalaureate degree in 120 credits.
- If the student intends to transfer prior to completing an Associate of Arts or an Associate of Science degree, this Transfer Guide should still be used to identify the courses that can most effectively prepare them for efficiently completing the designated major at the institution to which they are transferring. While not completing the required Associate degree eliminates the guarantees described above, all the individual general education courses identified below in Section I are guaranteed to transfer and to count toward fulfilling the receiving institution’s lower division general education requirements.

Completion of an associate degree does not assure admission to any University of Northern Colorado degree program.

For additional information on CCHE transfer policies and GT-Pathways guaranteed transfer of general education credit, visit <http://highered.colorado.gov/Academics/Transfers/>

ASSOCIATE OF SCIENCE REQUIREMENTS (60 Credits):

Where possible, choose ‘Required’ (Sections I and II) and ‘Best Choice’ (Section III) courses to apply toward associate degree general education and electives course work.

I. Associate of SCIENCE General Education Courses

Communication (6 credit hours)	Cr-Hrs	Grade
ENG 121 Composition I	3	

Mathematics (3 credit hours)	Cr-Hrs	Grade
MAT 201 Calculus I	5	

Arts & Humanities, History, & Social and Behavioral Sciences (15 credit hours total for Arts & Humanities AND Social and Behavioral Sciences as per gtPathways Curriculum). If necessary to reach a minimum of 15 credits, select one additional course (minimum 3 credits) in Arts and Humanities, History, or Social and Behavioral Sciences.		
Arts & Humanities , Select two courses (minimum 3 credits each)	Cr-Hrs	Grade
Arts and Expression (AH1) –		
Literature and Humanities (AH2) –		
Ways of Thinking (AH3) –		
Foreign Language (AH4) –		
Social and Behavioral Sciences Select two courses minimum (minimum 3 credits each). At least one must be in the History (HI1) category and at least one must be in SS1, SS2, and/orSS3.	Cr-Hrs	Grade
History (HI1) –		
Economic or Political Systems (SS1) –		
Geography (SS2) –		
Human Behavior, Culture, or Social Frameworks (SS3) –		
Physical and Life Sciences (7 credit hours) Select two courses, at least one with laboratory (SC1)	Cr-Hrs	Grade
PHY 211 Physics: Calculus-Based I	5	
PHY 212 Physics: Calculus-Based II	5	
Speech COM 115 or COM 125. Speech is a CCCS graduation requirement, not part of GT-Pathways.	Cr-Hrs	Grade
Total General Education:		Cr-Hrs

II. Required Courses for UNC Physics – Secondary Education

To ensure a minimum of extraneous credit hours, all required courses below must be satisfactorily completed as part of AS degree within the 60 semester hour maximum.

Required Courses	Cr Hrs	Grade
BIO 111 General College Biology	5	
CHE 111 General College Chemistry I	5	
CHE 112 General College Chemistry II	5	
MAT 202 Calculus II	5	
EDU 221 Introduction to Education	3	

III. Elective ‘Best Choice’ Courses for Transfer to Physics – Secondary Education

After completing all required courses in Sections I and II, select ‘Best Choice’ courses below to complete the 60 credit hour AS degree.

Best Choices	Cr Hrs	Grade

For additional information about UNC admission criteria, academic programs, and graduation requirements, visit www.unco.edu, or call (970) 351-2097, toll-free from Denver (303-637-3061), or toll-free nationwide (888) 700-4UNC to speak to an admissions counselor.