

**Transfer & Advising Guide for Community College Students Transferring to:  
University of Colorado Boulder  
BA Astronomy - Astrophysics/Physics Track**

This agreement identifies community college courses that will apply to the baccalaureate degree.

**If you plan to complete this bachelor's degree, recognize that:**

1. You should transfer into the bachelor's program after you take the courses outlined below. Transfer hours beyond the credits below are not guaranteed to apply toward the bachelor's degree.
2. It is imperative that you contact an advisor at the 4-year institution by the end of the first semester to clarify course work appropriate for this major and to identify the community college courses and GPA necessary to meet admission requirements to both the 4-year institution and the degree program.
3. This Transfer Guide does not supplant any other transfer agreement your Colorado community college may have with this 4-year institution.

**Transfer Recommendations:** To graduate in a 4 year overall time frame, it is important that students follow the recommended schedule below. Students who wish to continue their education at the community college beyond the number of credits specified below should explore with both 2-yr and 4-yr advisors how their graduation timeline, COF stipend, and financial aid will be affected.

**Guarantees and Limitations:** Students:

- are responsible for meeting all admission requirements at the 4-year institution;
- are not guaranteed admission to the bachelor's degree program at the 4-year institution;
- are guaranteed, once admitted, application of the transfer hours below to either lower division general education, course work required for the major, or elective credit;
- must consult with the 4-year institution's bachelor's degree program to utilize AP, IB, or CLEP credits;
- must consult with the 4-year institution's bachelor's degree program for transferability of course work credits beyond those prescribed below as additional courses are major specific and the 4-year institution may restrict the number of community college transfer credits.

Please note that this curriculum neither fulfills the gtPathways general education curriculum nor the associate degree requirements at the community college.

<b>Required General Education Courses Applicable to the Major (24 credits)</b>			
<b>General Education Knowledge Area</b>	<b>Credit Hours</b>	<b>Community College (CCCS) Course No.</b>	<b>Course Title and gtPathways Category</b>
Written Communication	3	ENG 121	English Composition I ( <a href="#">GT-CO1</a> )
Art & Humanities	3		Any gtPathways Arts & Humanities course from any of the following categories: ( <a href="#">GT-AH1</a> ), ( <a href="#">GT-AH2</a> ) or ( <a href="#">GT-AH3</a> )
Social & Behavioral Science	3		Any gtPathways Social & Behavioral Sciences course from any of the following categories: ( <a href="#">GT-SS1</a> ), ( <a href="#">GT-SS2</a> ) or ( <a href="#">GT-SS3</a> )
Mathematics	5	MAT 201	Calculus I ( <a href="#">GT-MA1</a> )
Natural & Physical Sciences	10	PHY 211 & 212	Physics: Calculus-based I, with Lab ( <a href="#">GT-SC1</a> ) Physics: Calculus-based I, with Lab ( <a href="#">GT-SC1</a> )

<b>Additional Required Courses (5 credits)</b>	
<b>Credit Hours</b>	<b>Community College Course Number and Title</b>
5	MAT 202: Calculus II ( <a href="#">GT-MA1</a> )

### Special Program Notes:

#### **CU-Boulder Bachelor of Arts – Astronomy - Astrophysics/Physics Track**

Students should transfer after completing the above listed 29 credits. In addition to 26 required credits in Astronomy the Astrophysics/Physics requires at least two more semesters of mathematics after Calculus II and eight more physics courses beyond Physics II. So, if students do not perform well in the first-year sequences of calculus and calculus-based physics, they are unlikely to be successful in the Astrophysics/Physics major.

Sample course plan:

[http://www.colorado.edu/aps/sites/default/files/attached-files/astr\\_major\\_sample\\_courses\\_june2014.pdf](http://www.colorado.edu/aps/sites/default/files/attached-files/astr_major_sample_courses_june2014.pdf)

**NOTE:** Courses taken at other universities and colleges outside the Colorado Community College System, AP, IB, CLEP, and other sources of credit may not be applicable upon transfer to CU Boulder even if applied to an associate's degree at a Colorado Community College.

### Admission Requirements to the Institution and the College/School/Department

Students transferring from community college should refer to the published admissions standards at:

<http://www.colorado.edu/admissions/transfer>

For additional information you may contact the Admissions Office at: <http://www.colorado.edu/admissions/connect>

#### **CU-Boulder College of Arts & Sciences Admissions Requirements Note**

The College of Arts & Sciences at CU-Boulder has Minimum Academic Preparation Standards (MAPS) as part of its admission requirements. If a student does not meet MAPS with high school courses, they have to meet them with college-level work. Included in MAPS are 4 years of English, 4 years of College Prep Math, 3 years of Natural Science, including a year of Chemistry or Physics, 3 years of Social Science including a year of U.S. or World History and a year of Geography, and 3 years of the same high school foreign language. If a student has any MAPS deficiencies, they should try to rectify them at a Colorado Community College before transferring to CU Boulder. A semester-long college-level course equates to one year in a high school course. MAPS do not apply to those who graduated from high school prior to 1988 or who graduated from a non-U.S. high school.

#### **Transfer Disputes**

If disagreement regarding the transferability of credits for coursework or a degree occurs between a student and a receiving two-year or four-year institution, the Department will facilitate an expeditious review and resolution of the matter pursuant to Commission Policy, Section I, Part T: Student Complaint Policy. For more information, contact the Department at 303-866-2723 or file a complaint at <http://higher.ed.colorado.gov/Academics/Complaints/default.html>

