

2+2 Articulation Agreement for Carroll Community College and Towson University
Associate's Degree A.S. in Physical Sciences, Physics Concentration
Bachelor's Degree: B.S. in Physics, Computational Physics Concentration
Effective Term: Fall 2019

The following information will guide students in selecting the best 2+2 pathway for their career and education goals:

Students intending to pursue graduate studies in physics or astrophysics should follow the pathway for either the General Physics or Astrophysics concentration. The pathway for the Applied Physics concentration is recommended for students who plan to pursue fundamental or applied research and development in industrial or government laboratories. The Computational Physics Concentration is designed to provide students with strong scientific, technical and computational skills necessary for employment in a STEM profession; it is not recommended if students wish to pursue graduate studies in physics.

This section outlines the courses to take for the Carroll Community College general education and program requirements in order to complete both Carroll Community College and TU degrees within a total of 4 years and 120 credits. The following tables do not include any nontransferable or prerequisite coursework outside of the curriculum.

Carroll CC Requirement	Carroll CC Course to Take	Credit	Towson University Equivalent Course <i>Cararit</i>
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Completing the courses in Table 1 will satisfy the general education program at Carroll CC. Upon transferring to TU, students will receive a core package that satisfies most of the TU Core Curriculum without the need for course-by-course placement in specific Core Curriculum requirements. Students will only need to complete two Core Curriculum requirements at TU: Advanced Writing Seminar (Core 9) and Ethical Perspectives (Core 14). If an ethics course is taken as one of the Arts &

This section explains any specific course selections made in section 1 and details about how required Carroll CC courses will apply to the TU Physics major. If students do not complete the courses outlined in this agreement, they will be required to complete outstanding requirements at TU.

GENERAL EDUCATION

Students must note the following information when completing their general education requirements:

It is recommended that all students complete both a mathematics and English course within their first 12 credits.

General Education Mathematics: MATH 135 will satisfy

BACHELOR'S DEGREE REQUIREMENTS FOR ALL STUDENTS:

A C (2.0) or higher is required in all major courses and prerequisites.

A cumulative grade point average (GPA) of 2.0 is required.

32 units of the bachelor's degree must be completed at the upper level (courses numbered 300 or above).