



**Northern Virginia Community College Associate of Science in Science
Radford University Bachelor of Science in Physics Advising Guide**

This information is designed for students who plan to graduate with an Associate of Science in Science and transfer to the Bachelor of Science degree program in Physics at Radford University.

NOVA Required Course	Course Title	Credits	Plan to Take (Semester)	Radford University Equivalent	Grade
CSC 110	Introduction to Computing	3		ITEC 100	
ENG 111	College Composition	3		CORE 101	
HIS ¹	Elective	3		Footnote ¹	
MTH 271/173 ²	Applied Calculus I / Calculus with Analytic Geometry I	3-5		MATH 126/151 ²	
³	Physical or Life Science Elective w/Lab	4		Footnote ³	
SDV 100	College Success and Skills	1		UNIV 100 level elective	
ENG 112	College Composition II	3		CORE 102	
MTH 272/174	Applied Calculus II / Calculus with Analytic Geometry II	3-5		MATH 1COR/152	
PED 116	Life Fitness and Wellness	1		ESHE 103	
³	Physical or Life Science Elective w/Lab	4		Footnote ³	
⁴	Social Science Elective	3		Footnote ⁴	
⁵	General Education Elective	1		Footnote ⁵	
⁶	Humanities/Fine Arts Elective	3		Footnote ⁶	
³	Physical or Life Science Elective w/Lab	4		Footnote ³	
³	Physical or Life Science Elective w/Lab	4		Footnote ³	
⁴	Social Science Elective	3		Footnote ⁴	
CST 110	Introduction to Speech Communication	3		COMS 114	
⁶	Humanities/Fine Arts Elective	3		Footnote ⁶	
³	Physical or Life Science Elective w/Lab	4		Footnote ³	
³	Physical or Life Science Elective w/Lab	4		Footnote ³	

Total Credits

The Associate of Science Degree requires 60-64 credit hours.

Satisfying the Radford University Core Curriculum (general education) Program

In accordance with the State Policy on Transfer, students who transfer to Radford University from a Virginia Community College will have satisfied Radford University's Core Curriculum **if they have earned an Associate of Science degree**; if they are able to earn such a degree by successfully completing at a Virginia Community College courses remaining for the degree concurrently with the first semester of enrollment at Radford University; or if they will earn the associate's

degree as a result of credit earned during the first semester of enrollment at Radford University, up to a maximum of 10 hours.

Footnotes

¹ Students should consider taking one of the following which will fulfill a General Education requirement: HIS 101/111/112/121/122.

² Student should consider taking MTH 173; MTH 174; MTH 178+275 or MTH 178+277 in order to satisfy the math requirement for the Physics major.

³ Students should consider taking CHM 101; CHM 103; PHY 231 or 241 and PHY 232 or 242; PHY 243 to satisfy requirements of the Physics major.

⁴ Students should consider taking one of the following which will fulfill a General Education requirement: ECO 120/201/202; GEO 210/220; HIS 101/111/112/121/122; PLS 130; PSY 200/201; SOC 200/201/202/211/215.

⁵ To find the equivalent course, go to the [Radford University Transfer Equivalency Self-Service webpage](https://degree-aud.radford.edu:8443/webtreger/WebTreQer.html#a=warning) at: <https://degree-aud.radford.edu:8443/webtreger/WebTreQer.html#a=warning>

⁶ Students should consider taking one of the following which will fulfill a General Education requirement: ENG 230/236/237/245/246/253/254/255/256; HIS 101/111/112; PHI 100/101/102/200/211/220/226; REL 100/230/231; ART 100/101/102; CST 130/141; MUS 121.

The Radford University/Virginia Community College System Transfer Guide specifies how the more commonly taken courses transfer from any VCC: <http://www.radford.edu/content/dam/departments/administrative/registrar/content-files/Transfer-Guide.pdf>. The [Radford University Transfer Equivalency Self-Service webpage](https://degree-aud.radford.edu:8553/webtreger/WebTreQer.html#a=warning) specifies how any course available at NVCC campuses transfers: <https://degree-aud.radford.edu:8553/webtreger/WebTreQer.html#a=warning>

Other Notes

Students must complete at least 45 hours at Radford University, including at least half of the hours in the major, and 30 of the last 39 credit hours must be completed at Radford University. Additional Information is available in the Radford University Undergraduate Catalog. Additional Information about transferring to Radford University is available from the Office of Admissions. For any course to count for transfer, it must be completed with a grade of "C" or higher.

Useful Information

For information about the Physics Program, contact the Department Chair, Dr. Brett Taylor, betaylor@radford.edu

Radford University Department of Physics: <https://www.radford.edu/physics>

Radford University: <http://www.radford.edu>

Radford University Catalog: <http://catalog.radford.edu>

Radford University Office of Admissions: <http://www.radford.edu/content/admissions/home/transfer-landing.html>

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