

**TRANSFER GUIDE FOR MATHEMATICS/NATURAL SCIENCE A.S. DEGREE
AT DELAWARE COUNTY COMMUNITY COLLEGE (DCCC) TO
MATHEMATICS B.A./B.S. DEGREE AT ARCADIA UNIVERSITY**

For students who start major Fall 2016 and after

Delaware County Community College MATHEMATICS/NATURAL SCIENCE A.S.		ARCADIA UNIVERSITY: MATHEMATICS B.A./B.S.	
FIRST SEMESTER			
DCCC Courses	Credits	Arcadia Courses	Credits
ENG 100 English Composition I ¹	3	EN101 Thought and Expression I	
Scientific Inquiry Elective ²	4	AUC Natural & Physical	
MAT 160 Calculus I	4	Free Elective or Major Elective	
Any transferable Diversity and Social Justice (DJ) designated Social Science course	3	AUC Requirement	
DPR100 Intro to Info Tech or DPR101 Intro to Comp Sci	3	CS104 Intro to Info Technology/Major Elective	
Total	17	Total	17
SECOND SEMESTER			
ENG 112 English Composition II	3	AUC Writing Requirement	
Lab Science Elective	4	AUC Natural & Physical	
MAT 161 Calculus II	4	Free Elective or Major Elective	
Any transferable Global Understanding (GU) designated Humanities	3	AUC Requirement	
Social Science Elective	3	AUC Requirement	
Total	16/17	Total	16/17
THIRD SEMESTER			
COMM100 or COMM111	3	AUC Requirement	
MAT 260 Calculus III	4	Free Elective or Major Elective	
Mathematics/Lab Science elective ⁸	3-5	Free/Major Elective/AUC Requirement	
Social Science Elective	3	AUC Requirement	
Open Elective ^{6/7/8}	3-4	Free/Major Elective/AUC Requirement	
Total	15/19	Total	15/18
FOURTH SEMESTER			
MAT 200 Linear Algebra	3	Free/Major Elective/AUC Requirement	
Mathematics/Lab Science Elective ⁸	3-5	Free/Major Elective/AUC Requirement	
Open Electives ^{6/7/8}	3	AUC Requirement	
		Free/Major Elective/AUC Requirement	
Total	12-17	Total	15/20
Total credits	60-70		56-75⁴

IMPORTANT NOTES

1. A grade of B or better is required in ENG 100 to meet the English composition requirement at Arcadia. Grades below a B will require a placement exam and possible additional course(s) in English.
2. Students should select either BIO 110, CHE 110, ESS 110, PHY 110 or PHY 131
3. DCCC and Arcadia University have a Core-to-Core Transfer Agreement. Students fulfilling DCCC's general education requirements for the A.A. or A.S. degrees automatically satisfy Arcadia's general education requirements with the exception of the Global Connection Experience and Reflection requirement.
4. DCCC and Arcadia University also have a Guaranteed Transfer Agreement. Refer to the DCCC/Arcadia Agreement Fact Sheet & Guaranteed Transfer Intent Form available at DCCC to determine eligibility. Contact Katrina Xander at Arcadia University or a DCCC Counselor for more information.
5. The course selections on page 1 of this guide are intended for students who plan to complete their A.S. degree Mathematics/Natural Science Associate in Science at DCCC and transfer to Arcadia University for a B.A. or B.S. degree in Mathematics. Students should contact Dr. Carlos Ortiz or Katrina Xander if they completed or plan to complete courses that are not included on this guide.
6. Students interested in math/secondary education should take EDU110 Introduction to Teaching as one of their open electives and English/American Literature as another.
7. Students interested in Actuarial Science should take ECO210 Macroeconomic Principles and ECO220 Microeconomic Principles.
8. Students interested in the Mathematics B.S. should take PHY131 University Physics I and PHY132 University Physics II.
9. At least 50% of the requirements for the major must be completed at Arcadia University.
10. The maximum number of transfer credits that Arcadia University will accept from DCCC is 75. A minimum grade of "C-" is required to transfer a course to Arcadia.

This guide is subject to change. Students should check periodically for an updated guide. Following this guide does not guarantee the transfer of credit or admission to Arcadia University.

For further information contact:

Transfer Coordinator
Arcadia University
1-877-ARCADIA or 215-572-2910

DCCC Transfer Advisor
Delaware County Community
College Career & Counseling
Center 610-359-5060