

MATHEMATICS CURRICULUM TRANSFER GUIDELINE

	<p>SCHOOL: Arcadia University MAJOR: Mathematics</p>
<p>Community College Curriculum: Mathematics Coordinator: Clark Loveridge Phone: 215-751-8689 E-mail: cloveridge@ccp.edu Office: BR-60</p>	<p>Arcadia Contact Person: Collene Pernicello Phone: 215-572-2910 Email Address: admiss@arcadia.edu Web Address: www.arcadia.edu</p>
<p>General Information: An agreement exists between the CCP Mathematics program and the Arcadia University Mathematics major. If a student earns an AS in Mathematics at CCP, the student transfers with junior standing to the Mathematics major at Arcadia. Students should follow the CCP mathematics curriculum as described below. A 2.5 cumulative GPA must be earned in the associate degree program. Arcadia accepts up to 75 credits. Note: This guide is based on CCP degree requirements for students who entered the Mathematics curriculum through summer 2009. Students who enter the math curriculum fall 2009 or after should consult math curriculum advisors about curriculum changes.</p>	
COMMUNITY COLLEGE OF PHILADELPHIA - Mathematics Curriculum	ARCADIA REQUIREMENTS
Program Core Courses	
MATH 171 Calculus I	MA 201 Calculus I—Major Requirement
MATH 163 Discrete Math	Elective
MATH 172 Calculus II	MA 202 Calculus II—Major Requirement
MATH 271 Calculus III	MA 203 Calculus III—Major Requirement
CSCI 111 Programming and Algorithm Development I	CS 201 Problem Solv/Alg & Prog I—Major Requirement
MATH 270 Linear Algebra	MA 220/221 Linear Algebra—Major Requirement
MATH 272 Differential Equations	MA 352 Differential Equations—Major Requirement
CSCI 112 Programming and Algorithm Development II	Elective
General Education Courses	
ENGL 101 Composition I	English Composition Requirement
ENGL 102 Composition II	English Composition Requirement A grade of “B” or better must be earned in CCP’s ENGL 101 and 102 in order for the English requirement to be satisfied. Students who do not earn a grade of “B” or better, but have completed ENGL 101 and 102, will have these credits accepted, but may be required to take one additional English writing course subject to an English writing inventory.
Three science electives—Complete PHYS 140 Mechanics, Heat and Sound and PHYS 241 Electricity, Magnetism and Light. Complete one additional lab course from BIOL, CHEM, PHYS, STS	Physics two semester major requirement and science general education requirement. Extra course for CCP degree is elective.
Two humanities electives. Recommend English literature, HIST, PHIL, Art History, Music History, ENGL 131, 137, 141, Foreign Language (including ASL)	Satisfy humanities general education, justice: multicultural interpretations general education, visual/performing arts general education, international experience general education or foreign language general education (Arcadia requires two semesters of the same foreign language at the elementary level or one course at the intermediate level or foreign language placement exam at Arcadia)
Two social science electives. Recommend ANTH, PSYC, POLS, SOC, ECON 181, 182	Satisfy social science general education, international experience general education or pluralism in the US general education
*One course from humanities or social sciences must satisfy the CCP American Diversity requirement	
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