

**EDUCATION – SECONDARY MATH/SCIENCE OPTION CURRICULUM
MATHEMATICS EDUCATION
TRANSFER AGREEMENT GUIDELINE**

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| | SCHOOL: Drexel University MAJOR: Secondary Education – Mathematics Education |
| Community College Curriculum: Education – Secondary Math/Science Option Coordinator: Marcia Epstein Phone: 215-751-8568 E-mail: mepstein@ccp.edu Office: W3-8 | Drexel Contact Person: Vanessa Thomas Phone: 215-895-6732 Web Address: www.drexel.edu |

General Information: The following is an outline of an agreement between Community College of Philadelphia and Drexel University for students interested in Secondary Education specializing in Mathematics Education. Students who complete these requirements earn an Associate in Arts in Secondary Education Math/Science Option and are eligible to enroll in third year courses in Drexel University’s teacher preparation program. It may be necessary for students to enroll in courses during the summer terms while at Drexel University in order to complete requirements for the Bachelor’s Degree within a two year period. Deadlines for application and payment of fees to Drexel must be met as with any student who applies to the university. For this agreement to take effect, students must enroll at Drexel within two years after CCP graduation. In accordance with the PA Dept. of Ed. Chapter 354, for admission to the Education Department and teacher certification courses a GPA of 3.0 is required. Students must also pass the Praxis I. Credit will not be given at Drexel for any grade less than “C” in any coursework. If a grade less than “C” is earned at CCP in a required course at Drexel, then the course must be repeated at Drexel. CCP education advisors should be consulted about GPA requirements and the Praxis test.

| COMMUNITY COLLEGE OF PHILADELPHIA - Education – Secondary Math/Science Curriculum | | DREXEL REQUIREMENTS | |
|---|----------------|---|----------------|
| Course | Credits | Course | Credits |
| ENGL 101 English Composition I | 3 | ENGL 101 Expository Writing & Reading | 3 |
| ENGL 102 English Composition II | 3 | ENGL 102 Persuasive Writing & Reading | 3 |
| | | ENGL 103 Analytical Reading & Writing | 3 |
| MATH 171 Calculus I | 4 | MATH 121 Calculus I | 4 |
| MATH 172 Calculus II | 4 | MATH 122 Calculus II | 4 |
| MATH 271 Calculus III | 4 | MATH 123 Calculus III | 4 |
| | | MATH 200 Calculus IV | 4 |
| MATH 270 Linear Algebra | 4 | MATH 201 Linear Algebra | 4 |
| PSYC 101 Intro to Psychology | 3 | PSY 101 General Psychology | 3 |
| PHIL 211 Ethical Problems | 3 | PHIL 251 Ethics | 3 |
| ECON 181 or 182 Principles of Economics (macro, micro) | 3 | ECON 201 Principles of Economics | 4 |
| BIO 123 Cellular & Molecular Biology* | 4 | BIO 102 Biology I | 4 |
| BIO 124 Organismal Biology* | 4 | BIO 104 Biology II | 4 |
| CHEM 121 College Chemistry I* | 4 | CHEM 101 General Chemistry I | 4 |
| CHEM 122 College Chemistry II* | 4 | CHEM 102 General Chemistry II | 4 |
| PHYS 140 Mechanic, Heat, Sound | 5 | PHYS 111 Physics I | 4.5 |
| PHYS 241 Electricity, Magnet, Light | 5 | PHYS 112 Physics II | 4.5 |
| EDUC 201 Intro to Education | 3 | EDUC 301 Personalized System of Instruction | 3 |
| EDUC 202 Introduction to Education: Field Experience | 3 | EDUC 205 Sophomore Seminar | 3 |
| EDUC 225 Educational Psychology | 3 | PSY 320 Educational Psychology | 3 |
| ENGL 208, 209, 211, 212, 221, 222, 230, 232, 241, 245, 246, 250, 251, 256, or 260 Survey of Literature/World Literature | 3 | ENGL 200-329 Literature Elective | 3 |
| EDUC 226 Teaching with Technology | 3 | EDUC 310 Computer Applications in Teaching | 3 |
| GEOG 101, 103, or 222 Geography | 3 | EDUC 112 Integrative Instruction | 3 |

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| MATH 272 Differential Equations* | 4 | MATH 210 Differential Equations | 4 |
| MATH 251 Statistics for Science* | 4 | MATH 311 Probability & Statistics I | 4 |
| MATH 163 Discrete Math* | 4 | MATH 221 Discrete Math | 3 |
| CIS 106 Intro to Computer Programming* | 4 | INFO 108 Foundations of Software | 3 |
| EASC 111 Environmental Conservation* | 3 | ENVR 260 Environmental Science & Society | 3 |
| STS 101 Intro to Science, Technology & Society* | 4 | HIST 280 History of Science I | 3 |
| | | Free Electives | 15 |
| Total Credits: 91 | | Total Credits: 117 | |
| In addition, in order to earn the Associate Degree, students are required to complete the following 6 credits: PSYC 215 and ENGL 115. | | | |
| * These courses are not necessary for the Associate Degree. However, it is recommended that students take these courses prior to transfer to Drexel. They are required for Drexel's Bachelor of Science program. | | | |
| Developed on: 1/06 | | Revised On: | |

Prepared by Jon Brown
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