



**Howard Community College**  
**A.A. Transfer Plan**

**A.A. Engineering Transfer to B.S. Biomedical Engineering**

This transfer plan is intended for students pursuing an A.A. in Engineering at Howard Community College who are interested in pursuing a B.S. in Biomedical Engineering at Stevenson University. The equivalencies below demonstrate how a student can meet both the requirements of the associate degree and prepare for a seamless transfer to Stevenson University. (r)-0.82 9.695 T.165 c727 ( 4)-1g/ 4n0 9 389S-0 387.36 Tm.1 Ctte (-)652g 0(-1.5 (20.rTj 0 Ty))0.8 (

	CHEM 115/115L General Chemistry	Program Requirement	4
ENGL 121 College Composition	ENG 151 College Writing I	General education	3
MATH 181 Calculus I	MATH 220 Calculus I	Program Requirement	4
MATH 182 Calculus II	MATH 221 Calculus II	Program Requirement	4
MATH 261 Differential Equations	MATH 321 Introduction to Differential Equations	Program Requirement	4
PHYS 110 General Physics I w/ lab	PHYS 215 General Physics I	Program Requirement	4

Originals: CHEM 115, ENGL 121, MATH 181, MATH 182, MATH 261, PHYS 110

		Requirements	16
	Biology 113 Cell Biology and Genetics and Biology 113		
Elective Recommendations: ENES 120 Statics (3) Engineering Elective (3)	BME 299 General elective (2 courses, 6 credits)	General electives	6

Community College Degree Requirements	Stevenson Equivalency	Category	Credits Transferred
Social & Behavioral Sciences – Critical & Creative Thinking Core	General education		3
Arts & Humanities – Critical & Creative Thinking Core	General education, Fine Arts		3

BME 365 Independent Research in Biomedical Engineering\*  
BME 425 Synthetic Biology\*