



# Transfer Pathway



## CSM A.S. in Engineering to George Mason University B.S. Mechanical Engineering

### Semester 1

College of Southern Maryland	Credits	Mason Equivalency
EGR-1100: Introduction to Engineering	3	ENGH-101
ENG-1010: Composition and Rhetoric	3	ENGR-107
MTH-1200: Calculus I and Analytic Geometry	4	MATH-113
CHE-1350: Chemistry for Engineers	3	CHEM-271
Arts General Education (See approved list)	1	Arts

### Semester 3

College of Southern Maryland	Credits	Mason Equivalency
MTH-2200: Calculus III	4	MATH-203
MTH-2210: Differential Equations	4	MATH-214
PHY-2300: Calculus-Based Physics II (previously PHY-2200/L)	4	PHYS-260 & 261
EGR-2200: Mechanics of Materials	3	ME-212

### Semester 2

College of Southern Maryland	Credits	Mason Equivalency
EGR-1210: Statics	3	ME-211
MTH-1210: Calculus II	4	MATH-114
PHY-1310: Calculus-Based Physics I (previously PHY-1210/L)	4	PHYS-160 & 161
COM-1010: Basic Principles of Speech Communication	3	COMM-100

### Semester 4

College of Southern Maryland	Credits	Mason Equivalency
PHY-2320: Calculus-Based Physics III (previously PHY-2210/L)	3	PHYS-262 & 263
EGR-2210: Dynamics	3	ME-231
CSC-2591: Computer Science I	3	CS-112
ECN-2020: Principles of Microeconomics	3	ECON-103
GRY-1050 (Social/Behavioral Sciences with Cultural and Global Awareness)	3	GGs-101

\*Recommended Arts courses include: ART-1010, ART-1020, ART-1030, ART-1200, MUS-1020, MUS-1201, MUS-1202, MUS-1203, MUS-1204, THE-1010