

# Recommended Courses for MU SOPT Applicants

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## Equivalent Courses in University of Maryland

(Last Update: 9/23/2016; based on 2016-2017 Undergraduate Catalog)

### **Biology (& lab) (8 credits)**

BSCI 160 Principles of Ecology and Evolution  
BSCI 161 Principles of Ecology and Evolution Lab  
BSCI 170 Principles of Molecular & Cellular Biology  
BSCI 171 Principles of Molecular & Cellular Biology Laboratory  
*(or any higher level courses that contain laboratory)*

### **Chemistry (& lab) (8 credits)**

CHEM 131 Chemistry I - Fundamentals of General Chemistry  
CHEM 132 General Chemistry I Laboratory  
CHEM 231 Organic Chemistry I  
CHEM 232 Organic Chemistry Laboratory I  
*(or any higher level courses that contain laboratory)*

### **Physics (& lab) (8 credits)**

PHYS 121 Fundamentals of Physics I  
PHYS 122 Fundamentals of Physics II  
*(or any higher level courses that contain laboratory)*

### **Human Anatomy & Physiology (6 credits)**

BSCI 201 Human Anatomy & Physiology I  
BSCI 202 Human Anatomy & Physiology II

### **Mathematics (3 credits)**

MATH 115 Precalculus  
*(or any higher level courses)*

### **Statistics (3 credits)**

STAT 100 Elementary Statistical and Probability  
*(PSYC 200 or STAT 420)*  
*(or any discipline specific statistics course)*

### **Psychology (6 credits)**

PSYC 100 Introduction to Psychology  
PSYC 355 Developmental Psychology  
*(or PSYC 330 or PSYC 353)*

### **English Composition (6 credits)**

ENGL 101 Academic Writing  
ENGL 291 Writing, Revising, Persuading  
*(or any advanced composition courses)*  
*(or any writing intensive course with approval- submission of course description is required)*