MCS PROGRAM WORKSHEET | 2016-2017

Name___________________________________________ Date __________________________

Multiple Major ___________________ Graduation (year/qtr) _______________________

Honors ________ Co-Term_________ Total Major Units (77 or more) ___________

**MATHEMATICS**

(28 Units) Notes:

- 41&42 or AdvPlacement  
- 51/61CM/61DM  
- 52/62CM/62DM  
- 53/63CM/63DM  
- and 104 or 113

**COMPUTER SCIENCE**

(22-24 Units) Notes:

- 103  
- 106A ¹  
- and **EITHER**  
  - 106B or 106X  
- and 2 of the following:  
  - (107)  
  - (154)  
  - (161)  
  - (CME 108)  
  - (181W (WIM))

**MANAGEMENT SCIENCE & ENGINEERING**

(7-12 Units) Notes:

- Both 211 & 221  
- or 3 of the following:  
  - (111)  
  - (121)  
  - (211)  
  - (221)  
  - (251)

**STATISTICS**

(11-12 Units) Notes:

- 116²  
- 200  
- and 191 or 203

**WRITING IN THE MAJOR (WIM)**

(3-4 Units) Notes:

- MATH 109 - Applied Group Theory (WIM)  
- MATH 110 - Applied Number Theory & Field Theory (WIM)  
- MATH 120 - Groups and Rings (WIM)  
- MATH 171 - Fundamental Concepts of Analysis (WIM)  
- CS 181W - Computers, Ethics & Public Policy (WIM)  
- STATS 155 - Statistical Methods in Computational Genetics (WIM) *(instructor consent)*

**ELECTIVES** Nine (9) units from at least 2 different departments; see Program Sheet for choices.

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¹ If AP CS replaces CS 106A, select 5 additional CS units.  
² Students who have already taken CS109, are required to take STATS 217 to fulfill statistics probability unit requirement as a replacement for STATS 116. Other changes require approval of adviser.