

MCS PROGRAM WORKSHEET | 2015-2016

Name _____ Date _____

Multiple Major _____ Graduation (year/qtr) _____

Honors _____ Co-Term _____ Total Major Units (77 or more) _____

MATHEMATICS (28 Units) Notes:

41&42 or AdvPlacement

51/51H

52/52H

53/53H

and 104 **or** 113

COMPUTER SCIENCE (22-24 Units) Notes:

103

106A¹

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.

¹ If AP CS replaces CS 106A, select 5 additional CS units.

² Students who have already taken CS 109, are required to take STATS 217 to fulfill statistics probability unit requirement as a replacement for STATS 116. Other changes require approval of adviser.