

BSA-MCS Concentration Declaration

BXA MCS Concentration Form

BSA students who are admitted as freshmen are undeclared until they have met with an MCS concentration advisor and have submitted their signed MCS Concentration Declaration Form. Students must take preliminary MCS coursework in their desired concentration, which is listed on page 2. A completed Declaration Form must be approved by the MCS concentration advisor and submitted to the BXA office, *by spring mid-semester break of the student's first year.*

BSA students who are admitted through internal transfer must have chosen an MCS concentration at the time of their application, which serves as their declaration.

BSA students wishing to change their MCS concentration at any time following the initial declaration must meet with their current MCS advisor and the advisor of their intended concentration area to complete a new Declaration form, which will be reviewed on a rolling basis.

Instructions for Declaration/Change of Declaration:

- 1) *Meet with your BXA advisor to discuss BSA concentration options and pathways in MCS.* The available concentrations and their curriculum requirements can be found in the [BXA undergraduate catalog](#) and preliminary required MCS courses on the following page.
- 2) *Meet with the appropriate [MCS concentration advisor](#) to discuss the concentration program and create a curriculum planning timeline.* Collect the MCS concentration advisor's signature of approval for declaring the concentration.
- 3) *Return the completed form to your BXA advisor for approval.* Declaration Forms must be submitted by the end of the first year and Changes of Declarations at any time. Once the form is processed, your BSA major title will be updated in SIO.

Required Signatures

Student's Name: _____ Andrew ID: _____

MCS Concentration: _____

☐ Check box if this is a Change of Declaration. Previous MCS Concentration: _____

Previous MCS Advisor Signature of Approval: _____ Date: _____

MCS Advisor Name: _____

MCS Advisor Signature of Approval: _____ Date: _____

BSA-MCS Concentration Declaration/BSA Internal Transfer Required MCS Courses

Students wishing to declare a BSA concentration in MCS or internally transfer into BSA from another college at CMU may do so with the following prerequisites. Students should submit their internal transfer application in the semester they intend to complete the courses listed for the department of interest. All BSA students must declare a MCS concentration no later than the end of the second year (earlier is preferred to maximize scheduling options and timeline to graduation).

The list of prerequisite courses for each department are listed below. Students will not be considered for transfer on the basis of AP/IB/Cambridge scores alone. Applicants may use AP/IB/Cambridge credit as prerequisites to the courses listed below prior to applying for transfer but must have completed at least one of the relevant courses below at CMU.

Biological Sciences & Neurobiology: Potential transfer students into the Department of Biological Sciences must have completed 03-121 Modern Biology or 03-220 Genetics AND 09-105 Introduction to Modern Chemistry I with a C grade or better.

Chemistry: The Chemistry Department requires students wishing to transfer to complete and have earned the following grades in one of the following options at CMU:

- an A in 09-107 or
- have C grade or better in 09-105 or 107 AND a C grade or better in 09-106 (at CMU) or
- have a C grade or better in 09-217 or 09-219.

Physics: Students wishing to transfer into the Physics Department must have earned a C grade or better in one of the following classes completed at CMU: 33-121, 33-151, 33-141, 33-142, 33-152, or 33-211 AND have earned a C grade or better in one of the following classes completed at CMU: 21-120, 21-122, or 21-259.

Mathematical Sciences: Students wishing to transfer into the Department of Mathematical Sciences must have completed 21-127 Concepts of Mathematics or 21-128 Mathematical Concepts and Proofs AND 21-241 Matrices and Linear Transformations or 21-242 Matrix Theory with a B grade or better in both courses as well as an overall QPA of 3.5 or higher.

Applicants will be considered for transfer on the basis of available space and the student's academic performance in required coursework related to their intended MCS major.