

# MATH REQUIREMENTS BY MAJOR

Updated 2/12/2015 (ORL)

*All students must successfully complete at least one course that satisfies LO4Q and one that satisfies LO4A learning outcomes.*

|   | Major / Minor                                   | MP Needed | Math Requirement                                 | Minor MP Level<br>(if different than Major) |
|---|---|-----------|--|---|
|   | Accounting                                      | REQ 2     | ACCT 225+  |   |
|   | African and Diaspora Studies (Minor)            |           |  |   |
|   | Art: Art History Concentration                  |           |  |   |
|   | Art: Studio Art Concentration                   |           |  |   |
|   | Biochemistry/Molecular Biology                  | REQ 4     | MATH 201+  |   |
| * | Biology   | REQ 3/4   | CHEM 121/162+                                    |   |
|   | Business (Minor)                                | REQ2      | ACCT 225, ECON 200, BUSN 210                     |   |
| * | Chemistry                                       | REQ 3/4   | MATH 201+  | REQ 3                                       |
|   | Chinese (Minor)                                 |           |  |   |
|   | Communication & Digital Media                   | REC 2     | CMDM 300   |   |
|   | Computer Science                                | REQ 4     | MATH 131 or MATH 202                             | REC 2                                       |
|   | Computer Science: Cybersecurity                 | REQ 4     | MATH 131 or MATH 202                             |   |
|   | Creative Writing (Minor)                        |           |  |   |
|   | Data Science                                    | REQ 4     | MATH 131 or MATH 202                             | REQ 2                                       |
|   | East Asian Studies                              |           |  |   |
| # | Economics                                       | REQ 4     | BUSN 210, MATH 131 or MATH 201                   | REQ 2                                       |
| @ | Education                                       | REC 2     | MATH 118/119                                     |   |
| % | Educational Studies                             |           |  |   |
|   | English   |           |  |   |
|   | Entrepreneurship (Minor)                        | REQ 2     | ECON 200   |   |
| & | Environmental Science (B.A.)                    | REQ 2     | Any Statistics                                   |   |
|   | Environmental Science (B.S.)                    | REQ 4     | Any Statistics, MATH 131/201/202                 |   |
| % | Exercise Science (B.A.)                         |           |  | REC 2                                       |
|   | Exercise Science (B.S.)                         | REQ 3/4   | CHEM 121/162                                     | REC 2                                       |
| # | Finance   | REQ 2/4   | Any Statistics, DATA 327 or MATH 131 or MATH 201 |   |
|   | Financial Planning (Minor)                      |           |  |   |
|   | German  |           |  |   |
|   | Health Science                                  |           |  |   |
|   | History   |           |  |   |
|   | Information Systems                             | REQ 2     | Any Statistics, ACCT 225+                        |   |
|   | International Business                          | REQ 2     | Any Statistics, ACCT 225, BUSN 212, ECON 200     |   |
| § | International Studies: African Diaspora Track   |           |  |   |
| § | International Studies: Diplomacy Track          |           |  |   |
| § | International Studies: Global Issues Track      |           |  |   |
| § | International Studies: International Econ Track | REQ 3     | MATH 120 or MATH 131 as Pre-Req for ECON 330     |   |
| § | International Studies: Peace Corps Prep Track   |           |  |   |
|   | Journalism & Integrated Media (Minor)           |           |  |   |

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|  |         |  |       |
|--|---------|--|-------|
| Justice, Law & Public Policy (Minor)   | REQ 2   | BUSN 210   |       |
| Management: Project Management         | REQ 2   | Any Statistics, ACCT 225/226, ECON 200             |       |
| Management: Supply Chain Management    | REQ 2   | Any Statistics, ACCT 225/226, ECON 200             |       |
| Marine Science (Minor)                 | REQ 2   | MRSC 200   |       |
| Marketing                              | REQ 2   | BUSN 210, ACCT 225+                                |       |
| Mathematics (B.A. or B.S.)             | REQ 4   | DATA 227, MATH 201+                                |       |
| Music                                  |         |  |       |
| Music Education                        |         |  |       |
| * Neuroscience (B.A. or B.S.)          | REQ 3/4 | Any Statistics, CHEM 121/162                       | REC 2 |
| Nursing                                | REQ 2   | Any Statistics                                     |       |
| Philosophy                             |         |  |       |
| Physics                                | REQ 4   | MATH 201+, PHYS 201+                               |       |
| Political Science                      | REQ 2   | POLI 260 Methods                                   | REC 2 |
| Pre-Modern and Ancient Studies (Minor) |         |  |       |
| Psychology (B.A.)                      | REQ 2   | Any Statistics                                     | REQ 2 |
| Psychology (B.S.)                      | REQ 4   | Any Statistics, MATH 201 +1 Higher Level MATH/DATA | REQ 2 |
| Public Health                          | REQ 2   | DATA 227   |       |
| Religion                               |         |  |       |
| Risk Management (Minor)                | REQ 2   | DATA 227   |       |
| Sociology                              | REQ 2   | SOCI 307 Methods                                   | REC 2 |
| Sociology: Criminology                 | REQ 2   | SOCI 307 Methods                                   |       |
| Sociology: Cultural Anthropology       | REQ 2   | SOCI 307 Methods                                   |       |
| Spanish                                |         |  |       |
| Sport Management                       | REQ 2   | ACCT 225   | REC 2 |
| Statistics (Minor)                     | REQ 4   | DATA 227+, MATH 201+                               |       |
| Technical Theatre (Minor)              |         |  |       |
| Theatre                                |         |  |       |
| Theatre Performance (Minor)            |         |  |       |
| Women's Studies (Minor)                |         |  |       |

\* CHEM 121 requires MP level 3, CHEM 162 prerequisites CHEM 121 and MP level 4 or MATH 120 as a pre- or co-requisite

# Economics Department strongly advises a student planning graduate study in economics take MATH 201, 202, 210, 212, and 261

@ May need a higher placement depending on the area of concentration.

% Depending on chosen electives, could need a 2 for DATA 227 or equivalent stats course

\$ Depending on chosen electives, could need a 2 for ECON 200

& Depending on chosen electives, could need a 3 or higher for CHEM 121/162 or PHYS 201