

| Major | Minimum Math Requirement | Optimum |
|--|---|--|
| Actuarial Science (B.S.) – ACSC | MATH 108 & 109 | MATH 113 |
| Art History – ARTH | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Biochemistry (B.S.) – BCH1 | MATH 108 & 109 | MATH 113 |
| Biology (B.A.) – BIOL | STAT 220 (may need to complete MATH 101 if placement is below MATH 108) | MATH 108 or higher |
| Biology (B.S.) – BIOS | MATH 108 & 109 | MATH 113 |
| Biology of Global Health (B.S.) – BOGH | MATH 108 & 109 | MATH 113 |
| Business Administration – Accounting - BUAD | MATH 101 or higher | MATH 101 or 111 |
| Business Administration – Communication | MATH 101 or higher | MATH 101 or 111 |
| Business Administration – Entrepreneurship | MATH 101 or higher | MATH 101 or 111 |
| Business Administration – Financial Management | MATH 108 | MATH 111 or 113 |
| Business Administration – General Business Mgmt | MATH 101 or higher | MATH 101 or 111 |
| Business Administration – Human Resource Mgmt | MATH 101 or higher | MATH 101 or 111 |
| Business Administration – International Business | MATH 101 or higher | MATH 101 or 111 |
| Business Administration – Leadership and Mgmt | MATH 101 or higher | MATH 101 or 111 |
| Business Administration – Legal Studies in Business | MATH 101 or higher | MATH 101 or 111 |
| Business Administration – Marketing Management | MATH 101 or higher | MATH 101 or 111 |
| Business Administration – Operations Management | MATH 101 or higher | MATH 101 or 111 |
| Business Administration – Real Estate Studies (B.S.) | MATH 101 or higher | MATH 101 or 111 |
| Catholic Studies – CATH | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Chemistry – CHEM | MATH 108 & 109 | MATH 113 |
| Chemistry (B.S.) (ACS Certified) - CHE1 | MATH 108 & 109 | MATH 113 |
| Civil Engineering (B.S.C.E.) – CEGR, CENG, ZP61 | MATH 108 & 109 | MATH 113 *Note: Students with Math Placement of MATH 111 will be asked to take the Math Placement Exam |
| Classics (Culture's Track & Languages Track) – CLAC, CLAL | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Communication Studies- COMM | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Computer Science – CSIA, CSBS, QMC1, QMC2, QMC3, QMC4 | MATH 108 & 109 | MATH 113 |
| Computer Engineering (B.S.C.P.E.) – COEN, COEG | MATH 108 & 109 | MATH 113 *Note: Students with Math Placement of MATH 111 will be asked to take the Math Placement Exam |
| Criminal Justice – SOCI, CJWK | MATH 101 or higher | N/A |
| Data Analytics – BSDA, BUDA | MATH 108 & 109 | MATH 113 |
| Economics - ECON | MATH 108 & 109 | MATH 111 or 113 |
| Economics (B.S.) | MATH 108 & 109 | MATH 111 or 113 |
| Electrical Engineering (B.S.E.E.) - EEE1 EEEG MSEE | MATH 108 & 109 | MATH 113 *Note: Students with Math Placement of MATH 111 will be asked to take the Math Placement Exam |
| Emerging Media (Digital Media Arts, Journalism, Strategic Communication) - | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| English - ENGL | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| English – Education (5-12 teacher licensure) - ENSE | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| English – Writing Emphasis – 2304 ENWR | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Environmental Science: Biology (B.S.) – XESC ESCI DAES | MATH 108 & 109 | MATH 113 |
| Environmental Science: Chemistry (B.S.) | MATH 108 & 109 | MATH 113 |
| Environmental Science: Geoscience (B.S.) | MATH 108 | MATH 113 |
| Environmental Studies Business - ENVR | MATH 101 | N/A |
| Environmental Studies Humanities | MATH 101 or higher | NOTE: A MATH 108 placement is necessary for the CHEM and BIOL tracks to qualify for CHEM 111 |
| Environmental Studies Natural Science - ENV1 | MATH 101 | N/A |
| Environmental Studies Social Science - ENV2 | | |
| Exercise Science (B.S.) - EXSC | MATH 108 | MATH 113 |
| Family Studies - FAST | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| French – FREN | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Geography GEOG | MATH 101 and STAT 220 (or only STAT 220 with Math Placement of 108) | N/A |

| | | |
|---|---|---|
| Geography – Geographic Information Systems (GIS) - GGIS | STAT 220 (may need to complete MATH 101 if placement is below MATH 108) | MATH 108 for STAT 220 |
| Geology – GEOL | MATH 108 & 109 | MATH 113 |
| Geology (B.S.) - GEO1 | MATH 108 | MATH 113 |
| German - GERM | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Health Promotion (B.S.) - PEH2 | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| History - HIST | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| International Studies - INTS | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Justice & Peace Studies (generalist track) - JPST | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Justice & Peace Studies: Concentration in Conflict Transformation | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Justice & Peace Studies: Concentration in Leadership for Social Justice | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Justice & Peace Studies: Concentration in Public Policy Analysis & Advocacy | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Latin - LATN | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Liberal Arts -- Engineering (3-2 Program) - LIBA | MATH 108 & 109 | MATH 113 |
| Mathematics - MATH | MATH 108 & 109 | MATH 113 *Note: Students with Math Placement of MATH 111 will be asked to take the Math Placement Exam |
| Mechanical Engineering (B.S.M.E.) - EGM1 EGME | MATH 108 | MATH 113 |
| Music - MUSC | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Music Business - MUBA | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Music – Liturgical Music – MULT | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Music – Performance (B.M.) – MUPE | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Neuroscience (B.S.) – NSCI | MATH 101 and STAT 220 (or only STAT 220 with Math Placement of 108) | N/A |
| Nursing (B.S.N.) – NRSG | MATH 101 | STAT 220 is required; as well |
| Philosophy - PHIL | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | |
| Physics - PHYS | MATH 108 & 109 | MATH 113 |
| Physics (B.S.) - PHY1 | MATH 108 | MATH 113 |
| Political Science - POLS | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Psychology - PSYC | MATH 101 and STAT 220 (or only STAT 220 with Math Placement of 108) | N/A |
| Public Health Studies - PHLS | MATH 101 or STAT 220 | STAT 220 |
| Social Work (B.S.W.) – SOWK | MATH 101 or higher | N/A |
| Sociology – SOCI, SCWK | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Spanish - SPAN | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Statistics (B.S.) - STAT | MATH 108 | MATH 113 |
| Theology – THEO | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Theology – Lay Ministry - LYMN | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Women, Gender, & Sexuality Studies [ACTC] - WGSS | MATH 121 (requires 100/101 placement) | MATH 121 (This requires co-requisite registration in EDUC 210+211 and is not typically taken in the first semester) |
| Elementary Education - ELEM | MATH 121 (requires 100/101 placement) | MATH 121 (This requires co-requisite registration in EDUC 210+211 and is not typically taken in the first semester) |
| | MATH 121 (requires 100/101 placement) | MATH 121 (This requires co-requisite registration in EDUC 210+211 and is not typically taken in the first semester) |
| Elementary Education (K-6) - Science & Mathematics for Elementary Ed | MATH 121 (requires 100/101 placement) | MATH 121 (This requires co-requisite registration in EDUC 210+211 and is not typically taken in the first semester) |
| Middle/Secondary Education and Chemistry (9-12) | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Middle/Secondary Education and Communication Arts and Literature (5-12) | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Middle/Secondary Education and Earth and Space Science (9-12) | MATH 101 or higher | You need not take MATH 108, but you must have a placement of 108 to take CHEM 111 |
| Middle/Secondary Education and Life Science (9-12) | MATH 108 & 109 | MATH 113 |
| Middle/Secondary Education and Physics (9-12) | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Middle/Secondary Education and Social Studies (5-12) | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Music Education - Instrumental Music Education (K-12) (B.M.) | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |
| Music Education - Vocal Music Education (K-12) (B.M.) | MATH 101 or MATH 100 (MATH 100 requires PLMA = 101) | N/A |