



MOUNT ST. JOSEPH
UNIVERSITY

Mathematics/Financial Economics Major– Bachelor of Science

| FIRST YEAR-SEMESTER #1 | FIRST YEAR- SEMESTER #2 | UNIVERSITY CORE |
|--------------------------|-------------------------|--|
| INF 120 3 | MTH 194 4 | COMMON GOOD |
| MTH 193 4 | MTH 255 3 | CORE 115 Common Ground Code COR |
| COM 100/ENG 101 3 | ECO 211/212 3 | Justice & the Common Good Code JCG |
| CORE 115 3 | BUS 210 3 | Ethics Code CE |
| SOC 103 3 | COM 100/ ENG 101 3 | Experiential Learning Code EXP |
| | | Core Capstone Code CCP |
| SECOND YEAR-SEMESTER #1 | SECOND YEAR-SEMESTER #2 | HUMANITIES |
| MTH 220 3 | MTH 320 4 | Speech (COM 100) Code C |
| MTH 293 4 | ACC 214 3 | Writing (ENG 101) Code C |
| ECO 211/212 3 | FIN 300 3 | Literature (ENG) Code CL |
| ACC 213 3 | MGT 300 3 | Art or Music Code CAM |
| CIS 203 3 | Core requirement 3 | History Code CH |
| CED 220^ 1 | | Religious Studies Code CR |
| | | Philosophy Code CP |
| THIRD YEAR-SEMESTER #1 | THIRD YEAR-SEMESTER #2 | SCIENCES |
| MTH 301 3 | MTH 310 3 | Biology/Chemistry/Physics + Lab Code CN |
| MTH 315* 3 | MTH 361* 3 | Mathematics Code CMA |
| MKT 300 3 | Upper level ECO/FIN 3 | SOC 103 Our Social World Code CS |
| Upper level ECO/FIN 3 | Core requirement 3 | |
| Business Ethics option 3 | Core requirement 3 | Choose one discipline: |
| | | ECO 212 Microeconomics Code CEP |
| | | PSY 103 Psychology Code CEP |
| FOURTH YEAR-SEMESTER #1 | FOURTH YEAR-SEMESTER #2 | NOTES |
| MTH 305* 3 | MTH 325* 3 | *Choose one from the following courses: |
| MTH 400 1 | MTH 391* 3 | MTH 305 College Geometry (3) MA |
| Upper level ECO/FIN 3 | MTH 400 1 | MTH 315 Number Theory (3) MA |
| Experiential Learning 3 | Upper level ECO/FIN 3 | MTH 325 Numerical Analysis (3) MA |
| Core capstone 3 | Core requirement 3 | MTH 361 Abstract Algebra (3) MA |
| Core requirement 3 | Core requirement 3 | MTH 391 Advanced Calculus (3) MA |
| Core requirement 3 | Elective 3 | MTH 301/310/315/320/325/361/391 are available every other year. |
| | | ^CED 220 required for cooperative education option for Experiential Education. |
| | | 120 credits hours minimum needed to graduate. |
| | | **Curriculum Guide does not replace advising by a faculty member within the Mathematics and Financial Economics programs. ** |