Bachelor of Science Degree – Quantitative Risk Analytics

Admission Requirements:

- cumulative GPA of 3.0
- average grade from MTH 132 & MTH 133 & MTH 234 of at least 3.0
- average grade from MTH 360 & STT 441 of at least 3.0

120 credits needed to graduate, Minimum 2.0 overall GPA; Minimum 2.0 GPA for cumulative major courses

University Requirements

____ WRA 1XX (4 credits)
____ IAH 201-208 (4 credits) [α]
____ IAH 211 or higher (4 credits) [α]
____ ISS 2XX (4 credits)[α]
____ ISS 3XX (4 credits)[α]

Natural Science Requirements

____ Biological Science Course
Select one of the following:
PLB 105, PLB 162, ENT 205,
MMG 141, MMG 201,
IBIO 150, or BS 161
____ CEM 161 (1 credit)
____ CEM 141 and 142
OR CEM 151 and 152 (7 credits)
____ PHY 183 and PHY 184 LB 273
OR LB 273 and LB 274 (8 credits)
____ 30 credits of 300-level of higher courses

QRA Major Requirements

____ MTH 132 (3 credits)
____ MTH 133 (4 credits)
____ MTH 234 (4 credits)
____ MTH 299 (4 credits)
____ MTH 309 (4 credits)
____ MTH 235 or MTH 340 (3 credits)
____ MTH 360 (3 credits)
____ MTH 361 (3 credits)
____ MTH 457 (3 credits)
____ MTH 468 (3 credits)
____ STT 441 (3 credits)
____ STT 442 (3 credits)
____ STT 467 (3 credits)
____ ACC 230 (3 credits)
____ EC 201 (3 credits)
____ EC 202 (3 credits)
____ FI 311 (3 credits)
____ FI 321 (3 credits)
____ CSE 231 (4 credits)
____ Elective Credits (20 credits)

[α] The IAH and ISS courses must meet the I/N/D requirements

The Residency Requirement:

- At least 30 of the credits you use for your degree must be taken at MSU.
- At least 27 credits must be taken at MSU after you reach junior standing (56 credits).
- At least 20 credits must be taken at MSU while you are admitted to your major.
- At least 20 of the last 30 credits you use for your degree must be MSU courses.
- Once a student reaches 56 total credits (including courses taken at MSU and transfer courses), transfer courses from Community Colleges are not accepted (but transfers from 4-year institutions are still acceptable).