

Response to UCUE recommendations

In the document below we bullet-point the UCUE recommendations on the new BS degree in Quantitative Risk Analytics and BS degree in Actuarial Science. Our responses are indicated in red.

In the email of 4/13 from Richard Miksicek the word Analytics in QRA was changed to Assessment. We want to clarify the proper name of the program is **Quantitative Risk Analytics**.

Recommendations on QRA

- Requirement #2 under admissions. Should the math entrance requirement (MTH 132, MTH 133, +/- MTH 234, and minimum grade in each course or minimum grade point average in all courses). And we make the suggestion to change “ ... or equivalent for transfer students.” to “ ... or equivalent course.”

We agree with the change in wording. The admission requirement 1.a.2 should read "An average of 3.0 in the grades of MTH 132, MTH 133, and MTH 234 (or equivalent courses)." This change also applies to the Actuarial Science Degree.

Recommendations on Actuarial Science

- We would recommend clarifying the timing of completion of the Actuarial exams by saying “ ... before August *prior* to the year of admission into the degree program.” [Item 1.a and 1.b of “additional criteria”] “August of the year of admission” could be the August before, or the August after being admitted to the program.

We propose new text of the form " ... before the start of the fall semester after the student first completes 56 credits."

- Consider changing “Passing an MSU screening which involves satisfactory performance in an interview with the Director ...” to “Satisfactory completion of an oral examination.” [or something comparable describing the screening protocol that is currently in practice]

Change item 2 under additional criteria to read “Satisfactory completion of an oral examination relating to Exam P or Exam FM.”

- Under Item 8 (Source of Budget), strike out “New Funds” in Internal reallocation, College reallocation, ~~New Funds~~ so that this is consistent with “No new funds will be necessary for the implementation of this change.”

Agreed. Strike “New funds” on item 8 under internal reallocation.

- On page 4 of 9 of the PDF, in the parenthetical remark, consider the following strike out: “ ... the new criteria in this proposal ~~for the second screening~~ are reinforced compared to current criteria.” [does the AS program in fact perform a “second screening?”]

The Actuarial Science program does not currently perform a second screening. The second sentence of the parenthetical paragraph should read, “The new criteria in this proposal are reinforced compared to the current criteria.”

- On page 6 of 9 of the PDF: Since the AS program requires completion of LB 220 or MTH 234 this would be another reason to justify the language “... a minimum grade of 3.0 in MTH 132 and MTH 133 and MTH 234 or equivalent course” within the admissions requirements.

Agreed. As for the QRA degree the language of 1.a.2 should read “An average of 3.0 in the grades of MTH 132, MTH 133, and MTH 234 (or equivalent courses)”

- since CSE 131 is no longer an option [page 7 of 9 of the PDF], CSE 231 can be moved into course grouping k: "All of the following courses (19 Cr) ... ", permitting you to drop course grouping l (which previously included CSE 131 or CSE 231).

Agreed. CSE 131 should be dropped from course grouping l, and course grouping k and l should be merged into one.

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