Consider for Development and/or Modification

Ranking Category:		
	Priority for Devlopment and Growth:	0
	Consider for Development and/or Modification:	16
	Priority for Substantial Modification:	0
	Total Count:	**16**

Average: **5.900**   Range: **1.350**

Reviewer	Alignment		Demand		Productivity		Quality		Efficiency		Opportunity		Total
	Score	Weight	Score	Weight	Score	Weight	Score	Weight	Score	Weight	Score	Weight	
Reviewer: 3	7	1.4	6	0.9	7	1.4	7	1.4	5	0.5	5	0.75	6.35
Reviewer: 2	6	1.2	6	0.9	7	1.4	8	1.6	5	0.5	5	0.75	6.35
Reviewer: 1	5	1	2	0.3	5	1	6	1.2	6	0.6	6	0.9	5

1. ALIGNMENT

Reviewer: 1   Score: 5   Weighted Score: 1

Strengths:
- Aligns with some aspects of UM's vision
- Offers faculty-led study abroad programs focusing on sustainability
- Has higher than national rate of women students in STEM programs
- Engages in community partnerships
- Program is unique to Montana: only MIS program (and only STEM program within a business school)
- STEM program, "where expected job growth between 2010-2020 ranges from 22-32%"

Weaknesses:
* Report lacks specifics/evidence in areas (e.g., "good representation from the international, native, and LGBT student communities"; "place students at a higher rate than other programs in the business school")
- Provides minimal and vague explanations re: how reduction of resources to program would weaken UM

Reviewer: 2   Score: 6   Weighted Score: 1.2

Strengths: B1-Strong student MIS organization.
B1-Above average for females in majors compared to general business majors.
B2&3-Only MIS (STEM) program in Montana.

Weaknesses: B1-Only study abroad students are exposed to sustainability initiatives through MIS.

Reviewer: 3   Score: 7   Weighted Score: 1.4

Strengths: * Program explains how it addresses and enacts the UM2020 Strategic Plan's values of leadership, engagement and diversity.

* Report justifies how essential the program is to UM and explains how a reduction in resources would weaken it.

* Program demonstrates its importance in terms of preparing students for the social, cultural, and/or workforce needs of the 21st century.

Weaknesses: * Report does not adequately explain how it addresses or enacts sustainability initiatives. While the report mentions how faculty members lead study abroad programs focused on sustainability, more specifics are needed.

Consider for Development and/or Modification

2. Demand

Reviewer: 1   Score: 2   Weighted Score: 0.3

Strengths:
- Faculty engage in research with Biology to study bee behavior, lead study abroad programs (no further explanation)
- Is an approved teaching discipline

Weaknesses:
- Has minimal interdependence/collaboration with other programs outside the Business School
- Includes information concerning their graduate program
- Report in general lacks specifics/evidence in areas (e.g., "There is a good representation of non-business majors enrolling in our courses")
- Data for non-majors is low

Reviewer: 2   Score: 6   Weighted Score: 0.9

Strengths: B1-100 level "S" general education course is offered for non-majors.
B2-Three core business courses housed in MIS.

Weaknesses: B1-Very little interdisciplinary work at undergraduate level.

Reviewer: 3   Score: 6   Weighted Score: 0.9

Strengths: * Report gives several examples of existing collaborations or interdisciplinary activities that address student needs or enhance faculty performance

* Report identifies several impacts on other programs if this program were reduced in size or curtailed.

* Report adequately explains the lack of data for Gen-Ed courses as well as the ratio of non-majors to majors.

Weaknesses: Other than showing the 5YA of SCH ratio of non-majors to total (2Y, UG), the centralized data does not reflect activities described in the program responses. I wouldn't fault the department for this though.

3. Productivity

Reviewer: 1   Score: 5   Weighted Score: 1

Strengths:
- Research is a secondary mission of the Business School, so smaller research productivity is to be expected
- Faculty are leaders in outreach
- Data is strong in student/FTE ration and number of degrees awarded

Weaknesses:
- Provides limited information re: their unit standards, so is unable to demonstrate how program's productivity measures up to the standards (simply states "MIS faculty exceed unit standards for research" and "faculty has published several papers in premier academic journals".)
- Report in general lacks specifics/evidence in areas (e.g., "faculty serve on several university committees")
- Includes some evidence that would be better placed in Criterion #4

Reviewer: 2   Score: 7   Weighted Score: 1.4

Strengths: B2-Outreach to local high school's for recruitment.
B2-Service and outreach built into curriculum.
B3-High scores in "Major Field Test."
B3-Student group has won nine international awards.

Weaknesses: B1-Not addressed.

Consider for Development and/or Modification

Reviewer: 3	Score: 7	Weighted Score: 1.4

Strengths:
* Faculty in this program exceed unit standard requirements for research.
* Faculty have published in academic journals not just in MIS but also in several other disciplines.
* Faculty serve on editorial boards, university committees, as well as corporate boards.
* Faculty participate in several recruiting initiatives.
* Administrators in MIS are required to teach.
* Student group for MIS has won international awards over the last 5 years.
* Students score highly on the Major Field Test.
* Program won university Assessment award in 2014.
* Report adequately explains lack of data and discrepencies in centralized data report.

Weaknesses: Nothing significant

4. QUALITY

Reviewer: 1	Score: 6	Weighted Score: 1.2

Strengths:
• Program won the campus-wide Assessment Award in 2014
• Demonstrates some strong student outcomes (scores on the Major Field Test among the highest in the business school (when?); some of highest paid UM graduates, averaging $60,000)
• Demonstrates some evidence of excellence among faculty (won numerous UM Business School awards; won a campus-wide Most Inspirational Teacher Award; have obtained some research grants, though which or how many isn't stated)

Weaknesses:
• Report in general lacks specifics/evidence (e.g., faculty have obtained funding through research grants and the Kaufmann Foundation)
• Includes information outside the review period, such as awards
• Data is low for time to degree

Reviewer: 2	Score: 8	Weighted Score: 1.6

Strengths: B1-Majors score high in "Major Field Test."
B1-High average salary upon graduation.
B2-AACSB standards met and have award winning faculty.
B3-Accredited by AACSB in Spring 2015.

Weaknesses: In general, only touching surface in responses. A lot of time searching outside of this report was needed.

Reviewer: 3	Score: 7	Weighted Score: 1.4

Strengths: * Report adequately explains discrepencies in centralized data for the sophomore retention rates.
* MIS majors score highly on the Major Field Test.
* Produces some of the highest paid graduates on campus (>$60,000/year)
* MIS faculty have won several John Raffato Awards.
* 2 "most inspirational teacher" awards went to MIS faculty.
* Several faculty members hold fellowships.
* MIS, which is part of the School of Business, is governed by AACSB standards. School of Business obtained re-accreditation by this agency in Spring 2015.

Weaknesses: It has taken students over five to six years to achieve their degree in this program.

5. EFFICIENCY

Consider for Development and/or Modification

Reviewer: 1	Score: 6	Weighted Score: 0.6

Strengths:
- Program has undertaken efforts to improve efficiency. The expense of the program is justifiable
- Faculty have heavy teaching loads (18 credits per year), with large classes
- Program has more majors than faculty can reasonable serve
- States that "AACSB accreditation limit[s] how much the MIS Program can collaboration [sic!] with other units" (?)
- Shares a Department Assistant with another department, program continues to remove telephones/printers from offices, faculty are continually taking on greater responsibilities

Weaknesses:
- The answers rarely provide specifics/evidence to support statements (e.g., "the program partners with several departments within and outside the business school") and they have the space to do so

Reviewer: 2	Score: 5	Weighted Score: 0.5

Strengths: B1-Faculty maintain high teaching loads despite FTE losses and budget tightening.

Weaknesses: B2-Accreditation standards limit program's ability to collaborate.
B3-Share department assistant with another SOBA program, but not really addressed in statement.

Reviewer: 3	Score: 5	Weighted Score: 0.5

Strengths: * Report adequately explains discrepencies in centralized data.
* MIS is a program in high demand, but human and monetary resources are spread very thin.
* MIS faculty teach in graduate programs outside of MIS.

Weaknesses: Program is understaffed and underfunded despite high demand.

6. OPPORTUNITY

Reviewer: 1	Score: 6	Weighted Score: 0.9

Strengths:
- Program offers some opportunities to enhance UM
- Offers the majority of core courses in online and face-to-face formats and was among the first to offer such courses across campus
- Engages in some interdisciplinary teaching: Faculty teach for three certificate programs (which programs is unknown, possibly Big Data Analytics Certificate and Cybersecurity); Faculty teach "in a wide variety of topics, such as business law, entertainment management, ethics, and leadership"
- Program "services state-wide needs by working closely with Montana firms"
- Lists ten different ways additional resources would help the program, including: enabling MIS "to meet growing industry demand, which grew over 19% state-wide"; suggesting "additional certificate programs in Cybersecurity, Blockchain, SalesForce, and Project Management"; offseting the "costs of producing online content"; enhancing engagement "with local high schools to showcase our STEM program and attract students to the university

Weaknesses:
- Does not demonstrate a close familiarity with the strategic opportunities in Creating Change Together
- Program's one opportunity for restructuring is a minor one (though they state again that "AACSB accreditation requirements limit [sic!] MIS can accomplish via restructuring"): "MIS can collaborate more with Computer Science and Mathematics about certificate[s] and programs, with the goal of bundling concepts with other STEM-related programs. The strategy will bring in more funds, open collaborations, and draw attention to STEM programs available at the university."

Consider for Development and/or Modification

Reviewer: 2		Score: 5	Weighted Score: 0.75

Strengths: B2-Big Data Analytics Certificate is a self-described, interdisciplinary program designed to serve the needs of the state and region.
B3-Possible collaboration opportunity with Computer Science for a dual STEM program.
B4-Open more sections and hire additional faculty to ease classroom burden.

Weaknesses: B1-Does not address UM Strategic Plan, demonstrating lack of knowledge?
B3-AACSB requirements limit ability to restructure.
-In general, a lot of copy and pasting of bullets from previous responses.

Reviewer: 3		Score: 5	Weighted Score: 0.75

Strengths: * Report gives several examples as to how it either currently contributes or could contribute in the future to the strategic opportunities (1 and 3) in the UM Strategic Vision.
* Unit contributes to establishing UM as a leader in interdisciplinary areas of inquiry and/or serving state-wide needs by doing the following: 1. MIS faculty teach across two graduate programs. 2. They work with firms in-state for recruiting majors after they graduate from the program. 3. MIS has been working on two interdisciplinary certificate programs.
* Unit could collaborate more with Computer Science and Mathematics on certification programs.
* More resources would allow program to pursue more revenue-generating opportunities through certification programs.

Weaknesses: * Report did not adequately address how this program could contribute to Strategic Opportunities 4 and 5 in the UM Strategic Vision.