Chemical and Biological Engineering
Summary of Actions
2015-2016

Concern	Recommendation	Action	Follow-up
1. The 'Bioengineering' program has been renamed 'Biological Engineering' with the exception of the Dual Degree Program in Bioengineering with Istanbul Technical University. Throughout the year, there has been a focus on ensuring that the names are used consistently and correctly.	The department head has been monitoring, correcting, and informing all constituencies (students, MSU faculty, alumni, administrators) about the change approved by the Montana Board of Regents.	Changes and updates have been made a numerous levels including websites, Registrar's office, and promotional materials. The culmination was the correct designation in the MSU graduation program for all the graduates.	There are likely to still be unknown and incorrect references to 'Bioengineering' in hard to identify places, but they will continue to be corrected.
2. A number of students have requested a program in biomedical engineering.	The faculty recommended that a minor in Biomedical Engineering be explored. A committee was formed, and at the end of the 2015-16 academic year, the committee submitted a proposed minor in Biomedical Engineering.	The Biomedical Engineering minor proposal will be submitted to Montana State University and, hopefully, to the Montana Board of Regents for approval during the next academic year.	The status of the Biomedical Engineering minor proposal will continue to be tracked.
3. The Department Advisory Committee was concerned will the lack of Thermodynamics in the Biological Engineering curriculum.	The faculty reviewed various options for addressing this concern, and they determined that the best option was to develop and offer a new course on Biological Engineering Thermodynamics.	EBIO 407 Biological Engineering Thermodynamics was approved as a required course for the Biological Engineering program starting in the AY 2016-17 catalogue.	The effectiveness of the Biological Engineering Thermodynamics course to prepare students for their later endeavors (industry, graduate school, etc.) will continue to be monitored.
4. Transfer students that do not take EGEN 102: Introduction	The faculty recommended greater scrutiny when awarding	Syllabi for proposed transfer courses will be scrutinized more	Transfer students that do not take EGEN 102 at MSU will be

to Engineering Computations at MSU because they have taken a similar course previously and that course is used to satisfy the requirement are not always prepared to use computational tools in problem solving in later courses.	transfer credit for EGEN 102. Further, whenever a student is identified as having a possible knowledge deficiency associated with using computational tools, that individual's transfer course will be flagged and potentially no longer approved in the future as an acceptable transfer course.	carefully in the future before transfer credit is awarded, and any previously approved courses that are later shown to be insufficient will no longer be approved as satisfying the requirement.	tracked by the faculty to ensure sufficient understanding of computational tools. Fewer transfer courses may be approved, and more transfer students may be required to complete EGEN 102.