

**THE UNIVERSITY OF MICHIGAN – FLINT
REGENTS COMMUNICATION**

Approved by the Regents
February 15, 2007

ACTION REQUEST

SUBJECT: New Undergraduate Degree Program by the Department of Chemistry and Biochemistry, College of Arts and Sciences at the University of Michigan-Flint

ACTION REQUESTED: Approval to offer a new Bachelor of Science in Biochemistry through the Department of Chemistry and Biochemistry, College of Arts and Sciences at the University of Michigan-Flint

EFFECTIVE DATE: March 1, 2007

The College of Arts and Sciences, through the Department of Chemistry and Biochemistry, at the University of Michigan-Flint proposes a new undergraduate degree program, "Bachelor of Science in Biochemistry." The proposed program has been developed based upon the results of a comprehensive needs assessment of current students and interests of students over the last several years. Currently, with three options of chemistry, biochemistry and environmental chemistry, certified by the American Chemical Society, the vast majority of students select biochemistry.

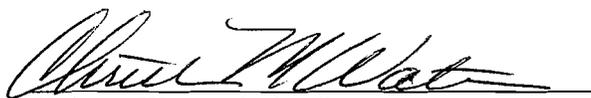
The enhanced degree program is in line with the mission of the University and is currently one of the fastest growing areas. Our Admissions statistics show significant student interest in biochemistry and that with approval of this program, we will likely see increased enrollment as well as affording our students a springboard to professional schools and biomedical engineering fields.

The proposed Bachelor of Science in Biochemistry degree has been thoroughly reviewed and supported by the University of Michigan-Flint College of Arts and Sciences faculty, Academic Affairs Advisory Committee, Budget Priorities and Chancellor's Advisory Committee, as well as the provost and chancellor. It has also been approved by the Presidents Council of the State Universities of Michigan.

The proposed program consists of 49-51 semester credit-hours of chemistry courses depending on whether the student takes one to three credits of Senior Research (CHM 499). Along with BIO 113 (Principles of Biology) and BIO 326 (Cell Biology), students will be taking 20 credits of Biology. The uniqueness of the proposed program is in the strength of the background in chemistry as well as the appropriate biology courses. In addition to surpassing the requirements of the ACS CPT for a biochemistry concentration, our program surpasses the recommendations of the Education and Professional Development Committee of the American Society for Biochemistry and Molecular Biology.

Pending approval of the proposal, the program will begin to admit students for the fall 2007 semester with instructional faculty having been tentatively identified. The program will be included in the Department's comprehensive student outcomes assessment plan which has been approved by the University of Michigan-Flint Academic Assessment Committee. The program will be primarily funded by partial tuition return to the program and at present, no additional space is required.

Recommended by:



Christine Waters, Acting Dean
College of Arts and Sciences

Recommendation endorsed by:



Jack Kay, Acting Chancellor and
Provost and Vice Chancellor for Academic Affairs

February 2007