



Office of the Provost and
Senior Vice President for Academic Affairs

Phone: (906) 487-2440
Fax: (906) 487-2935

TO: Richard Koubek, President

FROM: Jacqueline E. Huntoon, Provost & Senior Vice President for Academic Affairs

Jacqueline E. Huntoon

DATE: January 21, 2022

SUBJECT: Senate Proposal 3-22

Attached is Senate proposal 3-22, "Proposal to Change Degree Title from 'Pharmaceutical Chemistry' to 'Medicinal Chemistry'", and a memo stating the Senate passed this proposal at their January 19, 2022 meeting. I have reviewed this memo and recommend approving the proposal.

I concur X do not concur with the provost's recommendation as stated in this memo.

Richard Koubek, President

1/21/22

Date



Michigan Tech

University Senate

DATE: January 20, 2022
TO: Richard Koubek, President
FROM: Sam Sweitz
University Senate President
SUBJECT: Proposal 3-22
COPIES: Jacqueline E. Huntoon, Provost & Senior VP for Academic Affairs

At its meeting on January 19, 2022, the University Senate approved Proposal 3-22, "Proposal to Change Degree Title from 'Pharmaceutical Chemistry' to 'Medicinal Chemistry'". Feel free to contact me if you have any questions.

The University Senate of Michigan Technological University

Proposal 3-22

(Voting Units: Academic)

Proposal to Change Degree Title from “Pharmaceutical Chemistry” to “Medicinal Chemistry”

April 8, 2021

Department of Chemistry

Contact: Sarah Green, e-mail: sgreen@mtu.edu

1. General description and characteristics: This proposal is to change the title of the “Pharmaceutical Chemistry” B.S. degree program to “Medicinal Chemistry.”

2. Proposed new title: “Medicinal Chemistry”

3. Rationale: Pharmaceutical chemistry and medicinal chemistry both describe the use of chemicals to benefit human health. Pharmaceutical chemistry is sometimes considered to include aspects of manufacturing and marketing new drugs. Students often confuse pharmaceutical chemistry with a pharmacy degree (PharmD), a graduate program that prepares students to be pharmacists. The name medicinal chemistry avoids this confusion and is more descriptive of a path leading to research or production of drugs.

Furthermore, the chemistry department is developing a pre-pharmacy concentration (under the chemistry BA). Removing the name pharmaceutical chemistry will clarify the distinction from the pre-pharmacy program.

Currently enrolled students may continue with “Pharmaceutical Chemistry” or change to “Medicinal Chemistry.” New students will be enrolled under “Medicinal Chemistry.”

4. Related programs:

Illinois Tech, BS in Medicinal Chemistry

SUNY Buffalo, BS in Medicinal Chemistry

Arizona State University (online), BS in Medicinal Chemistry

University of Nebraska, Omaha, BS in Chemistry with a Concentration in Medicinal Chemistry

University of Technology, Sydney, Bachelor of Medicinal Chemistry

5. Projection of number of students: No change

6. Curriculum design NA

7. New course description NA

8. Model schedule NA

9. Library and learning resources NA

10. Equipment NA

11. Program costs NA

12. Accreditation requirements. No additional accreditation requirements.

13. Planned implementation. Fall 2022

Approved by Dept. of Chemistry faculty:

Approved by CSA Dean:

Approved by Dean's Council:

Approved by the University Senate:

Approved by Provost: