



Department of
Higher Education

Mike DeWine, Governor
Randy Gardner, Chancellor

Combined Bachelor's/Master's Degree Program Request Form

Date of submission: April 24, 2020

Name of institution: Kent State University

Primary institutional contact for the request

Name: Therese E. Tillett
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Name of bachelor's degree program: B.S. in Chemistry

Name of master's degree program: M.S. in [Chemistry

Proposed implementation date: Fall 2020

- 1. Identify the total number of credit hours in the undergraduate and master's programs combined.**

141 total credit hours for the BS/MS combined degree.

- 2. Describe how the university will ensure that students meet the expected baccalaureate program outcomes before the bachelor's degree is awarded.**

Students that complete the courses approved for dual credit (BS/MS) and all other BS requirements will be eligible for the bachelor's degree in Chemistry & Biochemistry.

- 3. Describe how students are informed of this combined degree program. Include in the answer how students are advised regarding opportunities and challenges associated with the option.**

The Department of Chemistry and Biochemistry will use internal media (posters, flyers, display screen announcements, social media) to inform undergraduate chemistry majors of

the opportunity for the BS/MS combined degree program. The Department of Chemistry and Biochemistry will also communicate directly with high-achieving undergraduates (gpa > 3.5) majoring in Chemistry & Biochemistry before the beginning of their junior year. We will use email to personally inform them of the BS/MS program and invite them to apply.

4. Describe the options available for students who wish to leave the program with a bachelor's degree before finishing the graduate-level work.

Students who wish to leave the MS/BS program may graduate with a B.S. degree in Chemistry at any time after they have completed the approved dual-credit courses and/or the originally required courses.

5. Describe how the institution ensures that students will pay undergraduate tuition throughout the completion of the undergraduate degree.

Per [Kent State policy](#), students in a combined bachelor's/master's degree program are classified as undergraduate until the bachelor's degree is awarded. Kent State's tuition rate is assigned to the student's level, and not at the course level. Therefore, undergraduate students taking graduate courses will be charged the undergraduate tuition rate.

Attach to this document a listing of the graduate courses in the master's degree program that will apply toward the bachelor's degree program and explain the requirements they will satisfy in the bachelor's degree.

Kent State University agrees to monitor the success of the program and will submit an annual report to Ohio Department of Higher Education on the scope of the program and student success.

Kent State University verifies that the information in this request is truthful and accurate.

Respectfully,

Signed after the request goes to EPC

Melody J. Tankersley, Ph.D.

Senior Vice President for Academic Affairs and Provost (Interim)

Kent State University

Graduate Courses in Chemistry that will be used to satisfy B.S. Chemistry degree requirements, by undergraduate B.S. chemistry-major concentration.

B.S. Biochemistry Concentration

Principles of Biochemistry 1, CHEM 50261 (3), replacing CHEM 40261 in semester 5.
Principles of Biochemistry 2, CHEM 50262 (3), replacing CHEM 40262 in semester 6.
Physical Biochemistry, CHEM 50263 (3), replacing CHEM 40263 in semester 6.
3 additional hours of M.S. level course work (50000-level) replacing 3 credit hours of CHEM 40000-level electives in semesters 5 – 8.

B.S. Biochemistry-Premedicine Concentration

Principles of Biochemistry 1, CHEM 50261 (3), replacing CHEM 40261 in semester 5.
Principles of Biochemistry 2, CHEM 50262 (3), replacing CHEM 40262 in semester 6.
Physical Biochemistry, CHEM 50263 (3), replacing CHEM 40263 in semester 6.
3 additional hours of M.S. level course work (50000-level) replacing 3 credit hours of CHEM 40000-level electives in semesters 5 – 8.

B.S. Chemistry Concentration

Intermediate Organic Chemistry, CHEM 50486* (1), replacing CHEM 40486 in semester 5.
Intermediate Organic Chemistry Laboratory, CHEM 50477* (1), replacing CHEM 40477 in semester 5.
Inorganic Chemistry 3, CHEM 50303 (2), replacing CHEM 40303 in semester 8.
Principles of Biochemistry 1, CHEM 50261 (3), replacing CHEM 30284 (4) in semester 7.
3 additional hours of M.S. level course work (50000-level) replacing 3 credit hours of CHEM 40000-level electives in semesters 5 – 8.

CHEM 50486 and CHEM 50477 are in the process of being created, Spring 2020.