

Curriculum Revision Form

Effective Date: FALL 2026

Submission Date:

Department: Chemistry

College of: Arts & Sciences

Contact Person: Jody Neef

Minor Required? **Select One**

Revision

Major/Minor/Emphasis/Certification Name:

Emphasis in Chemistry: Forensic Chemistry with minor in Biology

If selection is "Deletion" complete questions 2, 3, & 4, then complete signatures.

Revision to Curriculum – REQUIRES ACADEMIC PLANNING EXCEL ATTACHED.

Used to change program name and/or curriculum, effective the upcoming academic catalog.

Removes Major/Minor/Emphasis/Certificate from upcoming catalog.

1. Describe ALL Changes:

Removal of following classes: CHEM 322 Intro to Forensic Research, CHEM 320 Intro to Organic Chemistry, CHEM 421 Forensic Analysis, CHEM 422 Forensic Analysis lab, CHEM 522 Advanced Research in Forensic Science, CHEM 622 Forensic Science Seminar, Chem 773 Biochemistry II, Chem 774 Biochemistry II lab, BIOL 311 Cell Biology, and Math 113 College Algebra

Addition of following classes: CHEM 325 Organic Chemistry I, CHEM 326 Organic Chemistry I Laboratory, CHEM 335 Organic Chemistry II, CHEM 336 Organic Chemistry II Laboratory, CHEM 445 Analytical Chemistry, CHEM 446 Analytical Chemistry Laboratory, CHEM 745 Instrumental Analysis, CHEM 746 Instrumental Analysis Laboratory, BIOL 212 Principles of Biology II, BIOL 322 Genetics, BIOL 323 Genetics lab, BIOL 550 Advanced Cellular/Molecular biology, BIOL 551 Introduction to Recombinant DNA Techniques Laboratory, JUST 300 Criminal Forensics, JUST 501 Criminal Procedure, JUST 522 Crime Scenes and the Law of Evidence, MATH 150 Calculus I

2. Rationale for change, including changes to curriculum objectives:

Changes are being made to met the needs of KBI

3. Will this change affect any education majors? *If "yes," this requirement will need approval of the Council for Teacher Education before upload to "College Curriculum Legislation" in SharePoint.*

Yes No

4. If this change affects any other department on campus, **please attach all email notifications between departments.**

5. Does the revision meet University catalog definitions for majors, minors, emphases, and certificates as appropriate?

Yes No

6. Will additional resources or costs will be required?

Yes No

If so, what will be needed?

Definition of an Emphasis

Area of Emphasis is a specific subject area that exists within an approved degree program and major. At Pittsburg State University a minimum of 12 credit hours and no more than 24 credit hours are expected for an area of emphasis in a baccalaureate degree program.

Definition of a Minor

Minors at Pittsburg State University may range from 15 to 24 credit hours. When selected to accompany a degree that requires a minor there must be at least nine unique credit hours in the minor that are not found in the student's major in order to meet graduation requirements. In instances where the major requires a minor (not the degree type), academic departments/schools may specify minors that best achieve the learning objective for their students.

Definition of Certificate Program

A certificate program can be undergraduate or graduate in course content and provides a specific body of knowledge for personal or career development or professional continuing education. Certificates may be taken while also pursuing a degree or independent from any other studies at Pittsburg State University. It is recommended that if the student is only pursuing a certificate and not in conjunction with a degree and wishes to apply for federal financial assistance that they visit with personnel in the Student Financial Assistance office regarding the eligibility for aid for the certificate of interest. At Pittsburg State University a certificate can range from 12 credit hours to 24 credit hours.

Authorization Sign-Off Sheet

Checklist: Check once verified.

- Program guide from current catalog.
- Academic Planning Excel attached.
- 120 Credit hours met.
- Course Id's match Course names.
- Course hours are correct.
- Listed courses are currently active.
- Needed Documentation attached.

-Approved: Department Chair/Director

Date: 2/5/2026

Signature: _____



-Approved: College Curriculum Committee

Date: 3/3/26

Signature: _____



-Approved: Dean of College

Date: 3/3/26

Signature: _____



-Approved: Council for Teacher Education (if applicable)

Date: _____

Signature: _____

-Approved: University Undergraduate Curriculum Committee

Date: _____

Signature: _____

-Approved: Faculty Senate

Date: _____

Signature, Recorder Faculty Senate: _____

Following final College Curriculum Committee approval, please apply the appropriate signatures, and send them to your College Administrator.

Originating Department: After completing this form, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.pdf" and uploaded as well.

Forensic Chemistry Emphasis

Degree: Bachelor of Science

Major: Chemistry

Emphasis: Forensic Chemistry

A minor is not required.

General Education Requirements

General Education requirements consist of 34-35 credit hours of course work.

Required Math Gateway Course, seek advisement.

MATH-150 Calculus I

Core Requirements

- __ CHEM-215 General Chemistry I (3 hours)
- and __ CHEM-216 General Chemistry I Laboratory (2 hours)
- __ CHEM-225 General Chemistry II (3 hours)
- and __ CHEM-226 General Chemistry II Laboratory (2 hours)
- __ CHEM-325 Organic Chemistry I (3 hours)
- and __ CHEM-326 Organic Chemistry I Laboratory (2 hours)
- __ CHEM-335 Organic Chemistry II (3 hours)
- and __ CHEM-336 Organic Chemistry II Laboratory (2 hours)
- __ MATH-150 Calculus I (5 hours)

Emphasis Area

Chemistry Courses, 28 hours

- __ CHEM-221 Introduction to Forensic Chemistry (3 hours)
- __ CHEM-320 Introductory Organic Chemistry (3 hours)
- __ CHEM-322 Introduction to Forensic Research (3 hours)
- __ CHEM-421 Forensic Analysis (3 hours)
- __ CHEM-422 Forensic Analysis Lab (2 hours)
- __ CHEM-522 Advanced Research in Forensic Science (3 hours)
- __ CHEM-575 Biochemistry I (3 hours)
- __ CHEM-576 Biochemistry I Laboratory (2 hours)
- __ CHEM-622 Forensic Science Seminar (1 hour)
- __ CHEM-773 Biochemistry II (3 hours)
- __ CHEM-774 Biochemistry II Laboratory (2 hours)

Other Requirements, 15 hours

- __ BIOL-211 Principles of Biology I (4 hours)
- __ BIOL-311 Cell Biology (3 hours)
- __ BIOL-371 General Microbiology (3 hours)
- __ BIOL-372 General Microbiology Laboratory (2 hours)
- __ MATH-143 Elementary Statistics (3 hours)