

Central Connecticut State University - Undergraduate

Resources (Check all that apply)

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- Career Center
- Financial Aid
- Health Services
- Housing
- International Services
- Library
- Registrar
- Student Support Services
- Title IX
- Writing Center

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Director of Admissions College (as needed)

Provost (as needed)

Additional signature

Signature

Central Connecticut State University
100 North Main Street
New Britain, CT 06110
Phone: (860) 439-2000
www.ccsu.edu



Part II. Description of Curriculum Change

Bachelor of Science - Chemistry - Pre Medical Track

The table below is almost entirely obscured by heavy black redaction bars. Only a few faint horizontal lines and a small portion of text are visible, making the table's content and structure impossible to discern.

Side-by-side comparison

Present	Proposed
Bachelor of Science - Chemistry	Ph.D. Medical Technol.

Changes in course offerings

New courses

CHEM 290 – Chemistry Seminar I (proposal approved by Senate 10/9/12)

~~CHEM 325 – Analytical Chemistry I (approved CHEM 321 Quantitative Analysis)~~

CHEM 326 – Analytical Chemistry II (approved at Senate, 10/9/12)

CHEM 390 – Chemistry Seminar II (approved at Senate, 11/6/12)

CHEM 490 – Chemistry Seminar III (approved at Senate, 11/6/12)

Existing courses new to the program:

CHEM 111 – General Chemistry I

CHEM 112 – General Chemistry II

BIOC 302 – Advanced Biochemistry

BIOL 150 – Human Anatomy

BIOL 241 – General Microbiology

~~BIOL 242 – Human Physiology~~

CHEM 341 – Physical Chemistry I (approved at Senate 5/1/12)

CHEM 342 – Physical Chemistry II (approved at Senate 11/6/12)

CHEM 411 – Advanced Inorganic Chemistry (approved at Senate 11/6/12)

Re-named and revised courses:

CHEM 113 – Advanced General Chemistry I (formerly Concepts in Chemistry I, approved at Senate 4/17/12)

CHEM 114 – Advanced General Chemistry II (formerly Concepts in Chemistry II, approved at

1. Certification requirements of the American Chemical Society (ACS) – The ACS offers certification of undergraduate degree programs in chemistry, through its Committee on Professional Training. Their requirements include “foundation” courses, of at least three credit hours each, in the five fundamental areas (analytical, biochemistry, inorganic, organic

Part III. Implementation. Provide answers to the following questions:

1. How will the proposed revision affect students already in the existing program?

The courses required for the existing Chemistry Pre-medical B.S. program are either retained, or replaced by analogous new courses. Therefore, students will have the option of graduating under the old or new curriculum.

2. Are faculty resources adequate? If you are not requesting or have not been authorized to hire additional faculty, demonstrate how this course will fit into the workload of your faculty.

Taken as a whole, the changes in this proposal will result in a reduction of 8-9 workload hours taught by the chemistry department faculty, and two less preps. Therefore, the present faculty allotment of the chemistry department will continue to be adequate, and less workload hours of temporary faculty will be required.

3. Are other resources adequate? (Space, equipment, supplies, travel funds)

The proposed changes will not introduce any additional strain on these resources.

the questionnaires and DUCK exam will be examined and analyzed by the Curriculum

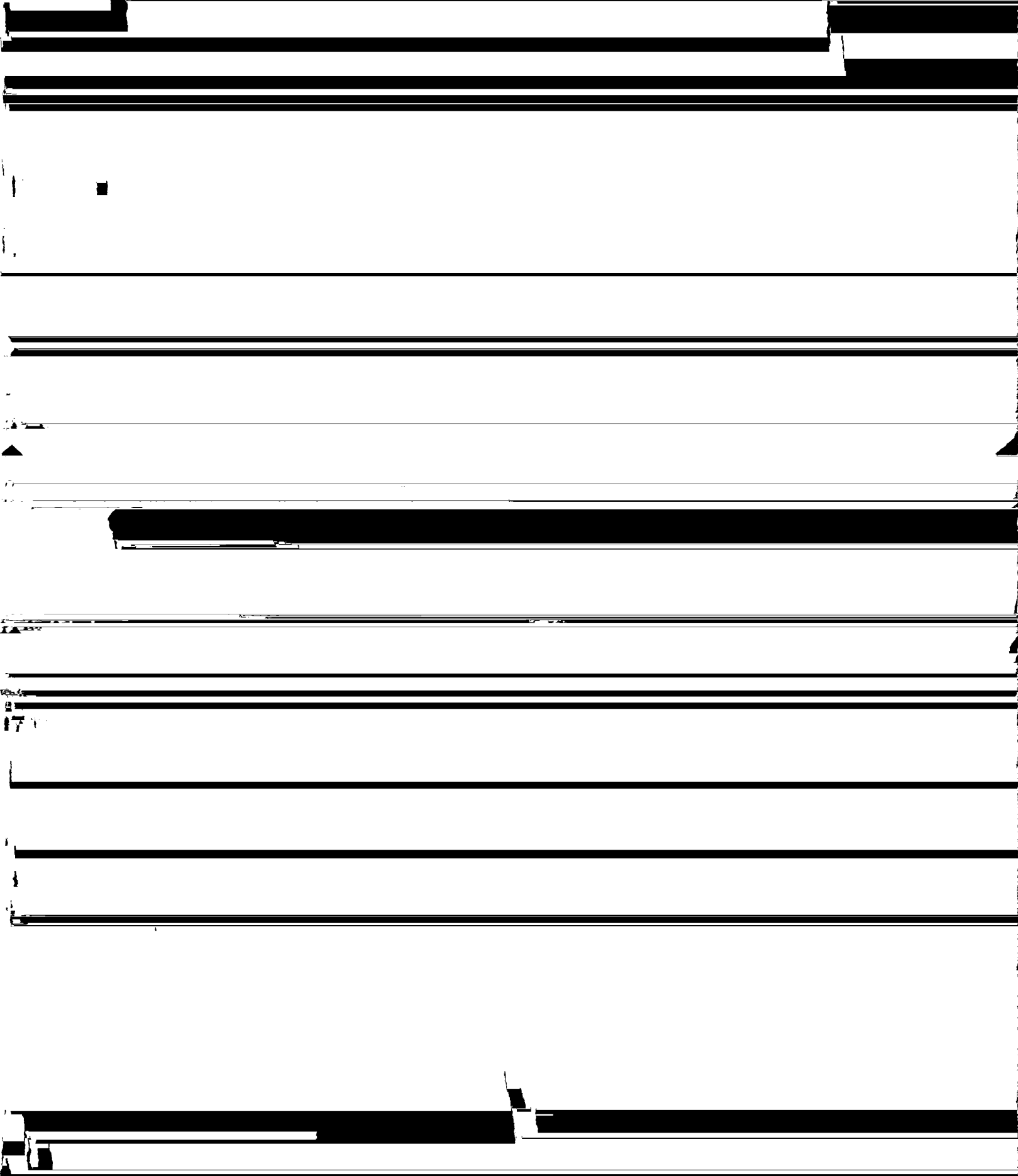
Committee of the Department each year and the results reported to the faculty. The recommendations from the ACS CPT will also be reviewed and reported to the faculty. During each Five-year program review, the Curriculum Committee will then review all the data collected and determine what changes, if any, are needed in the program and recommend them to the Chemistry Department for action.

Senior Survey – A questionnaire will be given to students who are in the last semester of their degree program. This questionnaire will address the graduates' perceptions of whether they have

students indicate where they plan to go once they leave IUP and the strengths & weaknesses of the program.

DUCK Exam - Students in their last semester will be given the Diagnostic of Undergraduate Chemical Knowledge (DUCK) exam provided by the American Chemical Society's Exam Institute. The student's scores will be compared to the published national norms for this exam.

L.S. social science ---- I have recommended that for the revised Biology Pre-Med track since
Psychology has gained increased emphasis for both the MCAT and for med. school curricula



Dear Dr. See,

The Psychology Department will be very pleased to accomodate pre-medical track students in General Psychology. If it would benefit these students to enroll in a single section, please let me know. We will then set aside seats for them.

Ray Pavloski

Chair, Psychology

Ron,

The Sociology Department is very supportive of this requirement. Thank you for letting us know.

Alex Heckert

Chair, Sociology

Ron See

Chemistry Department Curriculum Committee

There has been no response from Dr. McDaniel

Appendix A
RS -Chemistry Pre-Medical Track

1 st Semester			2 nd Semester		
CHEM 113	Concepts in Chemistry I	4	CHEM 114	Concepts in Chemistry II	4
MATH 125	Calculus I	3	MATH 126	Calculus II	3
BIOL 111	Principles of Biology I	4		Fine Arts	3
ENGL 101	College Writing	3		LS History (HIST 196, 197 or 198)	3