

1. Explain briefly and clearly the proposed improvement.
PAPR 3330 can be substituted by CHEM 3770 in the Paper Engineering Program. In the 8-semester schedule, PAPR 3330 is replaced by PAPR 3330 or CHEM 3770. Catalog description of PAPR 3330 is modified to represent this change as well as some language modification in the prereq. without changing any prereq courses.
2. Rationale. Give your reason(s) for the proposed improvement. (If your proposal includes prerequisites, justify those, too.)
PAPR 3330 is infrequently offered depending on student enrollment. Hence it is often substituted by CHEM 3770 and that has worked well. This proposal regularizes the current practice. Acceptance e-mail from CHEM (Dr. Rantz) is attached.
3. Effect on other colleges, departments or programs. If consultation with others is required, attach evidence of consultation and support. If objections have been raised, document the resolution. Demonstrate that the program you propose is not a duplication of an existing one.
None as this regularizes the current practice.
4. Effect on your department's programs. Show how the proposed change fits with other departmental offerings.
None
5. Effects on enrolled students: Are program conflicts avoided? Will your proposal make it easier or harder for students to meet graduation requirements? Can students complete the program in a reasonable time? Show that you have considered scheduling needs and demands on students' time. If a required course will be offered during summer only, provide a rationale.
No change as the total number of required program credits remains unchanged.
6. Student or external market demand. What is your anticipated student audience? What evidence of student or market demand or need exists? What is the estimated enrollment? What other factors make your proposal beneficial to students?
No change
7. Effects on resources. Explain how your proposal would affect department and University resources, including faculty, equipment, space, technology, and library holdings. Tell how you will staff additions to the program. If more advising will be needed, how will you provide for it? How often will course(s) be offered? What will be the initial one-time costs and the ongoing base-funding costs for the proposed program? (Attach additional pages, as necessary.)
No change
8. General education criteria. For a general education course, indicate how this course will meet the criteria for the area or proficiency. (See the General Education Policy for descriptions of each area and proficiency and the criteria. Attach additional pages as necessary. Attach a syllabus if (a) proposing a new course, (b) requesting certification for baccalaureate-level writing, or (c) requesting reapproval of an existing course.) Not Applicable
9. List the learning outcomes for the proposed course or the revised or proposed major, minor, or concentration. These are the outcomes that the department will use for future assessments of the course or program.
No change in learning outcomes of the program.
10. Describe how this curriculum change is a response to assessment outcomes that are part of a departmental or college assessment plan or informal assessment activities. Not applicable
11. (Undergraduate proposals only) Describe, in detail, how this curriculum change affects transfer articulation for Michigan community colleges. For course changes, include detail on necessary changes to transfer articulation from Michigan community college courses. For new majors or minors, describe transfer guidelines to be developed with Michigan community colleges. For revisions to majors or minors, describe necessary revisions to Michigan community college guidelines. Department chairs should seek assistance from college advising directors or from the admissions office in completing this section. Not Applicable

Catalog Copy

PAPR 3330 - Carbohydrate and Lignin Chemistry

Consideration of the chemistry of wood, pulp, and pulping by-products. Included topics are cellulose, lignin, accessory carbohydrates, extractives, and spent liquor utilization. Applied chemistry of pulping, bleaching processes, and basics of analytical chemistry of wood will be introduced. PAPR 3330 can be substituted by CHEM 3770.

Prerequisites & Corequisites: Prerequisite: PAPR 3030 with, a minimum grade of "C", and is required in PAPR prefixed prerequisites. ~~Co-requisites:~~ CHEM 3750 and CHEM 3760.

Credits: 3 hours

Lecture Hours - Laboratory Hours: (3 - 0)

Fw: CHEM 3770 as a substitute for PAPR 3330

Raja G Aravamuthan

Thu 3/23/2017 9:52 PM

To: Said M Abubakr <said.abubakr@wmich.edu>;

Please get this printed and attach to PAPR 3330 proposal.

A bunch of proposals is coming your way in the next half hour.

Thanks

Raja

From: William G Rantz
Sent: Thursday, March 23, 2017 9:43 PM
To: Raja G Aravamuthan
Cc: Said M Abubakr; Kecheng Li; James J Kiddle; Elke Schoffers
Subject: Re: CHEM 3770 as a substitute for PAPR 3330

Dear Dr Raja,

I was familiar with this substitute arrangement while I was interim chair in CHP. Yes, I fully support the substitution.

Best wishes,
Bill

From: Raja G Aravamuthan
Sent: Thursday, March 23, 2017 8:05:58 AM
To: William G Rantz
Cc: Said M Abubakr; Kecheng Li
Subject: CHEM 3770 as a substitute for PAPR 3330

Dear Dr. Rantz,

Over the last few years, whenever PAPR 3330 (Carbohydrate and lignin chemistry) was not offered by CHP department, we have used CHEM 3770 (Organic chemistry II) as an acceptable substitute. We want to regularize this in the catalog by a curricular form. The number of students involved in any given year will be about 5, since some of the students might be taking this course at other institutions due to scheduling issues..

Can please reply this note with your acceptance at your earliest? (We want to put in the curricular forms on or before Monday (March 27)).

Thanks for your help.

Raja