

PROPOSAL SCC #00-01 714

CURRICULUM PROPOSAL FORM 2000-2001

NON-GENERAL EDUCATION PROCESS A

***DEADLINES:** Deadline dates for 2000/2001 submissions: Regular proposals: October 20, 2000 to be implemented in Fall 2001; Short-Term proposals: December 8, 2000 to be implemented in Fall, 2001; Regular proposals February 16, 2001 to be implemented in Spring, 2002; March 23, 2000 for short-term courses to be implemented in Spring 2002.

PROPOSAL TITLE: Minor Change in Pre-requisite for Patterns in Nature II (4901.315)

SPONSOR(S): K.Magee-Sauer (Coordinator, Liberal Studies Math/Science)

DEPARTMENT: Liberal Studies Math/Science

COLLEGE:

LAS

IF LAS CHECK ONE: ___ History/Humanities X Math/Sciences ___ Social/Behavioral Sciences

Check one: X Undergraduate ___ Graduate

THE ATTACHED **NON-GEN-ED** PROPOSAL IS BEST DESCRIBED BY THE ITEM(S) CHECKED.

___ New non-gen-ed course

___ Short-term non-gen-ed course

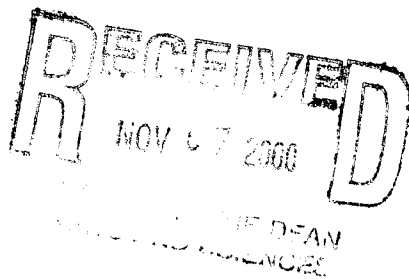
X Minor curricular changes (fewer than three) to:

X existing non-gen-ed course

___ non-gen-ed degree requirements

___ major

___ minor, specialization, concentration, track, certificate program



DEPARTMENT

(Signature indicates approval)

SEE ATTACHED FOR SIGNATURES

Dept. Curriculum Chair / Date

Dept. Chairperson / Date

ACADEMIC DEAN

Approved Not Approved ___ Comments:

Dean's Signature/Date [Signature] 11/7/00

COLLEGE CURRICULUM COMMITTEE

Date of open hearing (if necessary) 2/2/01 Approved Not Approved

Comments:

Signature of College Chair/Date: [Signature] 2/2/01

UNIVERSITY CURRICULUM COMMITTEE

Date Received/Processed 4/10/01

Comments:

Curriculum Chair Signature [Signature] Date Announced At Senate 5-8-01

EXECUTIVE VICE PRESIDENT/PROVOST

Approved Not Approved If no, reasons are as follows:

Student Credit Hours _____ Faculty Load Hours _____ Equalized Credit Hours _____

Official Copy & Approval Sheet Filed (Date): _____ Executive VP/Provost Signature/Date [Signature] 5/15/01

REGISTRAR

Date Approved Course Description Received 4/1/01 Hegis Taxonomy & Course Number Assigned _____

Registrar Signature/Date [Signature]

NOTIFICATION FORWARD

____ Senate Curriculum Committee Chairperson ____ Academic Dean(s)
____ Department Chairpersons ____ Registrar ____ Sponsor(s)

CURRICULUM PROPOSAL FORM 1999-2000

NON-GENERAL EDUCATION PROCESS A

*DEADLINES: Deadline dates for 1999/2000 submissions: Regular proposals: October 22, 1999 to be implemented in Fall 2000; Short-Term proposals: December 10, 1999 to be implemented in Fall, 2000; Regular proposals February 18, 2000 to be implemented in Spring, 2001; March 24, 2000 for short-term courses to be implemented in Spring 2001.

PROPOSAL TITLE: *Minor Change in Pre-requisite for Patterns in Nature II (4901 315)*

SPONSOR(S): *K. Myce Sauer (Coordinator, Liberal Studies Math/Science)*

DEPARTMENT: *Liberal Studies Math/Science*

COLLEGE: *CUAS*

IF LAS CHECK ONE: History/Humanities Math/Sciences Social/Behavioral Sciences

Check one: Undergraduate Graduate

THE ATTACHED *NON-GEN-ED* PROPOSAL IS BEST DESCRIBED BY THE ITEM(S) CHECKED.

New non-gen-ed course

Short-term non-gen-ed course

Minor curricular changes (fewer than three) to:

existing non-gen-ed course

non-gen-ed degree requirements

major

minor, specialization, concentration, track, certificate program

DEPARTMENT

(Signature indicates approval)

Karen P. Myce Sauer 10/31/00

Dept. Curriculum Chair / Date

Karen P. Myce Sauer 6/13/00

Dept. Chairperson / Date

ACADEMIC DEAN

Approved Not Approved Comments:

Dean's Signature/Date _____

COLLEGE CURRICULUM COMMITTEE

Date of open hearing (if necessary) _____ Approved _____ Not Approved _____
Comments:

Signature of College Chair/Date: _____

UNIVERSITY CURRICULUM COMMITTEE

Date Received/Processed _____
Comments:

Curriculum Chair Signature _____ Date Announced At Senate _____

EXECUTIVE VICE PRESIDENT/PROVOST

Approved _____ Not Approved _____ If no, reasons are as follows:

Student Credit Hours _____ Faculty Load Hours _____ Equalized Credit Hours _____

Official Copy & Approval Sheet Filed (Date): _____ Executive VP/Provost Signature/Date _____

REGISTRAR

Date Approved Course Description Received _____ Hegis Taxonomy & Course Number Assigned _____

Registrar Signature/Date _____

NOTIFICATION FORWARD

_____ Senate Curriculum Committee Chairperson

_____ Academic Dean(s)

_____ Department Chairpersons

_____ Registrar

_____ Sponsor(s)

Minor Curricular Change

1. Details:

a. Change requested in prerequisite for Patterns in Nature II: Projects in Calculus and Physics (4901.315)

From:
(none listed)

To:
1703.305 Patterns in Nature I: Visual Geometry (1703.305)

b. Sponsors: K. Magee-Sauer, Coordinator of Liberal Studies Math/Science Specialization

2. Rationale:

a. Need:

Patterns in Nature II is the sequel course for Patterns in Nature I. Furthermore, Patterns in Nature II is an interdisciplinary course drawing on the lower level knowledge obtained throughout the first two years of study in the Liberal Studies Math/Science specialization. Currently, (by oversight), no pre-requisite is listed in the catalog. Patterns in Nature I has as its pre-requisites the lower level math and science courses needed for interdisciplinary study at the upper level.

b. Curricular Effect:

No added effect. This change is correcting an oversight.

3. Results of Consultations:

a. Dr. Ron Czocho, Chair of Mathematics

b. Dr. Robert Newland, Chair of Chemistry and Physics



Mathematics Department

MEMO

TO: Karen Magee-Sauer
Chemistry & Physics

FROM: Ron Czocho, Chair
Mathematics Dept

DATE: November 2, 2000

RE: Change in Prerequisites in Patterns in Nature II

Thank you for correcting the oversight in the prerequisites for this course. I completely support the addition of Patterns in Nature I as a prerequisite for Patterns in Nature II. Students need the mathematical maturity that the study of geometry in the first course provides. Without it, the study of calculus in the second course would be much more difficult.

From: Robert Newland
To: Rosemarie Wiest
Date: 2/20/01 10:50AM
Subject: consultations about curricular changes

I support the change in the pre-requisite for the Patterns in Nature II course (proposal 00-01-714). The study of the topics presented in Patterns I and its pre-requisites will help ensure the students have the mathematical skills and lower level knowledge needed for interdisciplinary study at the upper level.

I also support the addition of Chemistry of Everyday Life as the pre-requisite for Essentials of Biology (00-01-713). The Essentials of Biology course assumes the student has a background in chemistry.

Robert J. Newland, Ph.D.
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FAX: 856-256-4478