PROPOSAL SCC #00-01

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  ___ 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)  SEE ATTACHED FOR SIGNATURES

Dept. Curriculum Chair / Date

Enpt. Chairperson / Date

ACADEMIC DEAN

Approved  Not Approved  Comments:

Dean's Signature/Date
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)

[Signature]

Dept. Curriculum Chair / Date

[Signature] 6/18/00

Dept. Chairperson / Date

[Signature] 6/18/00

ACADEMIC DEAN

Approved ___ Not Approved ____

Comments:

Dean’s Signature/Date
### COLLEGE CURRICULUM COMMITTEE

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### UNIVERSITY CURRICULUM COMMITTEE

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### EXECUTIVE VICE PRESIDENT/PROVOST

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### REGISTRAR

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### 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 Czochor, Chair of Mathematics
   b. Dr. Robert Newland, Chair of Chemistry and Physics
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.
Professor and Chair
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