

FACULTY SENATE AGENDA

March 31, 2008 4:00-5:00 P.M.

Olin 124

Please note that the Senate agenda goes out to all faculty members and not just to members of the Faculty Senate. Senators receive a green colored paper copy of the agenda in addition to the electronic notification.

- 1. Approval of Minutes of 03/03/08 (McMullen)**
- 2. Approval of Agenda (Senate Coordinating Committee)**

CONSENT AGENDA ITEMS:

- 3. Elimination of the semester abroad requirement for the Major in German with a minor in International Business**

Motion from the Curriculum Committee

Motion: The Curriculum Committee recommends the elimination of the semester abroad requirement for the degree of a major in German with a minor in International Business.

Rationale: The major in German with a Minor in International Business currently requires a semester abroad at a German university in addition to an internship abroad. The department believes it would be to the students' benefit to allow them the option of completing this track without being required to study at a German university. Currently, students must give up the spring semester and most of the summer to complete this requirement. Removing the study semester requirement would allow them to take on summer internships in Germany for cooperative education credit that would satisfy the abroad requirement of the German major/IB minor. They could then remain in Moorhead for the academic year. Altering this requirement would bring this major in line with our other German majors, which do not require a semester abroad. The courses as they stand, together with the three-month internship, are adequate for meeting the outcomes of this major/minor. In order to attract more German students to the international business track, it makes sense to allow for a major/minor combination that is more feasible for students. The current arrangement has the added problem that students are not required to complete any specific course while abroad. Furthermore, the international business minor has no explicit requirement of a semester study abroad. Nevertheless, we recognize the benefit of studying abroad for students interested in international business and therefore would include the language that we strongly encourage them to spend a semester or year in Germany.

This option should not be confused with the International Business Major with a German minor, which would continue to require a semester of study abroad with specific course work in business. This combination should remain the more rigorous option for students seeking thorough training in international business and German.

IV. Proposed Requirements for the Major or Minor

<i>Current requirements</i>		Proposed requirements (Highlight the changes in Bold)	
Course number	Course title and credit amount:	Course number	Course title and credit amount:
Ger 211	Intermediate German I: Culture and Society through the Media, 1.0 cr	Ger 211	Intermediate German I: Culture and Society through the Media, 1.0 cr
Ger 212	Intermediate German II: Culture Through Literature-GER 212, 1.0 cr	Ger 212	Intermediate German II: Culture Through Literature-GER 212, 1.0 cr
Ger 311	Advanced Composition and Style 1.0 cr	Ger 311	Advanced Composition and Style 1.0 cr
Ger 314	German in the Business World 1.0 cr	Ger 314	German in the Business World 1.0 cr
Ger320	German Cultural History in Overview, 1.0 credit	Ger320	German Cultural History in Overview, 1.0 credit
ONE CREDIT FROM THE FOLLOWING		ONE CREDIT FROM THE FOLLOWING	
Ger321	The Fine Arts in German Cultural History. 0.5 cr	Ger321	The Fine Arts in German Cultural History. 0.5 cr
Ger 322	Politics, Economics and Social Structure 0.5 cr	Ger 322	Politics, Economics and Social Structure 0.5 cr
Ger 323	Literature and Society 0.5 cr	Ger 323	Literature and Society 0.5 cr
Ger 390	A three-month internship in Germany through Cooperative education, 1.0 Cr	Ger 390	A three-month internship in Germany through Cooperative education, 1.0 Cr
Ger 4xx	one additional upper division credit at the 400 level, 1.0 cr	Ger 4xx	one additional upper division credit at the 400 level, 1.0 cr.
A semester at the Johannes Gutenberg-Universität in Mainz, Germany, or another university approved by the department		<i>Students are strongly encouraged to spend at least one semester abroad at a German university</i>	
Total Number of Credits: 8		Total Number of Credits: 8	

4. Modification of the list of “additional required supporting courses” for the Elementary Education Major

Motion from Curriculum Committee

Motion: The Curriculum Committee recommends that the list of “additional required supporting courses” for the Elementary Education Major be modified so that students take either Biology 101 or both Bio 121 and 122.

Rationale: Biology 121 and 122 cover the same information, in greater depth as BIO 101. By taking only BIO 121, students are missing a substantial amount of required content for the Elementary Education program. The 10.25 courses in Education remain unchanged. This change refers only to the “Additional required supporting courses for a major in Elementary Education.”

<i>Current requirements</i>		Proposed requirements (Highlight the changes in Bold)	
Course number	Course title and credit amount:	Course number	Course title and credit amount:
Art 201	Art Education 1.0	Art 201	Art Education
BIOL 101 or BIOL 121	General Biology 1.0 <u>Or</u> Vertebrate Biology 1.0	BIOL 101 or BIOL 121 and 122	General Biology 101 <u>OR</u> Vertebrate Biology 1.0 and Evolution and Diversity 1.0
Math 102	Fundamentals Concepts of Modern Mathematics 1.0	Math 102	Fundamental Concepts of Modern Mathematics 1.0
MUS 227	Fundamentals of Music for Classroom Teachers .5	MUS 227	Fundamentals of Music for Classroom Teachers .5
PSYC 212	Educational Psychology 1.0	PSYC 212	Educational Psychology 1.0
P ED 301	Elementary Physical Education .5	P ED 301	Elementary Physical Education .5
PHYS 215	Physical Science 1.0	PHYS 215	Physical Science 1.0
Total Number of Credits: 6.0		Total Number of Credits: 6.0 or 7.0	

5. Modification of the Elementary Education Major with a Science Speciality

Motion from the Curriculum Committee

Motion: The Curriculum Committee recommends that the Elementary Education Major with a Science Specialty be modified so that students take Biology 121 rather than having the option of taking Biology 101.

Rationale: BIO 121 and 122 cover the same information, in greater depth, as BIO 101. BIO 122 is still required. BIO 121 is a more appropriate preparation for BIO 122. The 10.25 courses in Education remain unchanged. This change refers only to the Science Area of Specialization.

<i>Current requirements</i>		Proposed requirements (Highlight the changes in Bold)	
Course number	Course title and credit amount:	Course number	Course title and credit amount:
BIOL 101 or	General Biology 1.0 <u>Or</u>	BIOL 121	Vertebrate Biology 1.0

BIOL 121	Vertebrate Biology 1.0		
BIOL 122	Evolution and Diversity 1.0	BIOL 122	Evolution and Diversity 1.0
CHEM 111	Survey of General Chemistry 1.0	CHEM 111	Survey of General Chemistry 1.0
E SC 104	Introductory Astronomy: The Solar System 1.0	E SC 104	Introductory Astronomy: The Solar System 1.0
E SC 302, ENVR 302	Geology 1.0	E SC 302, ENVR 302	Geology 1.0
PHYS 215	Physical Science 1.0	PHYS 215	Physical Science 1.0
PHYS 216	Physical Science II .25	PHYS 216	Physical Science II .25
Total Number of Credits: 6.25		Total Number of Credits: 6.25	

6. Modification of the General Science Education Licensure for Grades 5-8

Motion from the Curriculum Committee

Motion: The Curriculum Committee recommends that General Science Education Licensure for Grades 5-8 be modified so that students take Biology 121 rather than having the option of taking Biology 101.

Rationale: This is not a major at Concordia but is a licensure area available as an add-on to other licenses. BIO 121 and 122 cover the same information, in greater depth, as BIO 101. BIO 122 is still required. BIO 121 is a more appropriate preparation for BIO 122.

<i>Current requirements</i>		Proposed requirements (Highlight the changes in Bold)	
Course number	Course title and credit amount:	Course number	Course title and credit amount:
BIOL 101 or BIOL 121	General Biology 1.0 <u>Or</u> Vertebrate Biology 1.0	BIOL 121	Vertebrate Biology
BIOL 122	Evolution and Diversity 1.0	BIOL 122	Evolution and Diversity
CHEM 127/128 Or 137/138	General Chemistry I and II 2.0 Or Honors Chemistry 1 and II 2.0	CHEM 127/128 Or 137/138	General Chemistry I and II 2.0 Or Honors Chemistry I and II 2.0
E SC 104	Introductory Astronomy: The Solar System 1.0	E SC 104	Introductory Astronomy: The Solar System 1.0

E SC 302, ENVR 302	Geology 1.0	E SC 302, ENVR 302	Geology 1.0
PHYS 111-112 Or PHYS 128-211	General College Physics I and II 2.0 Or Physics for Scientists and Engineers I and II 2.0	PHYS 111-112 Or PHYS 128/211	General College Physics I and II 2.0 Or Physics for Scientists and Engineers I and II 2.0
Total Number of Credits: 8.0		Total Number of Credits: 8.0	

7. Modification of the Biology Education Major with Teaching License , Grades 9-12

Motion from the Curriculum Committee

Motion: The Curriculum Committee recommends that the Biology Education Major with a Teaching License, Grades 9-12 be modified so that students take Biology 121 rather than having the option of taking Biology 101.

Rationale: This is not a major at Concordia but is a licensure area available as an add-on to other licenses. BIO 121 and 122 cover the same information, in greater depth, as BIO 101. BIO 122 is still required. BIO 121 is a more appropriate preparation for BIO 122.

<i>Current requirements</i>		Proposed requirements (Highlight the changes in Bold)	
Course number	Course title and credit amount:	Course number	Course title and credit amount:
BIOL 101 or BIOL 121	General Biology 1.0 <u>Or</u> Vertebrate Biology 1.0	BIOL 121	Vertebrate Biology 1.0
BIOL 122	Evolution and Diversity 1.0	BIOL 122	Evolution and Diversity 1.0
BIOL 221	Ecology 1.0	BIOL 221	Ecology 1.0
BIOL 222	Genetics and Molecular Biology 1.0	BIOL 222	Genetics and Molecular Biology 1.0
4 additional credits in Biol , including at least 1.0 credit field course selected from:		4 additional credits in Biol , including at least 1.0 credit field course selected from:	
BIOL305	Ecology and Field Biology 1.0	BIOL 305	Ecology and Field Biology 1.0
BIOL 309	Ornithology 1.0	BIOL 309	Ornithology 1.0
BIOL 311	Entomology 1.0	BIOL	Entomology 1.0

		311	
BIOL 313	Plant Taxonomy 1.0	BIOL 313	Plant Taxonomy 1.0
BIOL 405	General Ecology 1.0	BIOL 405	General Ecology
BIOL 409	Limnology 1.0	BIOL 409	Limnology 1.0
E SC 302	Geology 1.0	E SC 302	Geology
AND		AND	
1.0 credit laboratory-based course selection from:		1.0 credit laboratory-based course selection from:	
BIOL 306	Human Anatomy and Physiology 1.0	BIOL 306	Human Anatomy and Physiology 1.0
BIOL 324	Invertebrate Zoology 1.0	BIOL 324	Invertebrate Zoology 1.0
BIOL 336	Histology 1.0	BIOL 336	Histology 1.0
BIOL 345	Molecular Biology 1.0	BIOL 345	Molecular Biology 1.0
BIOL 352	Immunology and Parasitology 1.0	BIOL 352	Immunology and Parasitology 1.0
BIOL 402	Embryology 1.0	BIOL 402	Embryology 1.0
BIOL 407	Microbiology 1.0	BIOL 407	Microbiology 1.0
BIOL 411	Integrated Vertebrate Anatomy and Physiology I 1.0	BIOL 411	Integrated Vertebrate Anatomy and Physiology I 1.0
BIOL 412	Integrated Vertebrate Anatomy and Physiology II 1.0	BIOL 412	Integrated Vertebrate Anatomy and Physiology II 1.0
BIOL 415	Genetics 1.0	BIOL 415	Genetics 1.0
Total Number of Credits: 8.0 course credits		Total Number of Credits: 8.0 course credits	

In addition, successful completion of the secondary/K-12 curriculum is required. The required methods of teaching course is EDUC 372 – Methods of Teaching in Science 1.0.

8. Modification of the Physics Education Major with a Teaching License, Grades 9-12

Motion from the Curriculum Committee

Motion: The Curriculum Committee recommends that the Physics Education Major with a Teaching License, Grades 9-12 be modified in the following two ways:

- 1) Drop Physics 317-Optics as an option between Physics 316 or 317. Only Physics 316 would be required.
- 2) Add Physics 430 – Physics Senior Seminar (1.0) as a required course for Physics education majors.

Rationale: 1) The MN Board of Teaching requires the coverage of material in Physics 316 that is not covered in Physics 317. The Physics 317 course does not meet any MN Board of Teaching standards that are not met by Physics 316. This would eliminate the choice for physics teacher education students. 2) Physics 430 is required for Physics majors at the present and meets MN Board of Teaching standards not covered by any other course.

<i>Current requirements</i>		Proposed requirements (Highlight the changes in Bold)	
Course number	Course title and credit amount:	Course number	Course title and credit amount:
PHYS 111-112 or 128-211	General College Physics I and II, 1.0 credit each <u>Or</u> Physics for Scientists and Engineers I and II, 1.0 credit each	PHYS 111-112 or 128-211	General College Physics I and II, 1.0 credit each <u>Or</u> Physics for Scientists and Engineers I and II, 1.0 credit each
PHYS 224	Introductory Modern Physics I, 1.0 credit	PHYS 224	Introductory Modern Physics I, 1.0 credit
PHYS 225	Introductory Modern Physics II, 1.0 credit	PHYS 225	Introductory Modern Physics II, 1.0 credit
PHYS 314	Classical Mechanics, 1.0 credit	PHYS 314	Classical Mechanics, 1.0 credit
PHYS 315	Electrodynamics, 1.0 credit	PHYS 315	Electrodynamics, 1.0 credit
PHYS 316 or PHYS 317	Statistical Physics, 1.0 credit <u>Or</u> Optics, 1.0 credit	PHYS 316	Statistical Physics, 1.0 credit
PHYS 327	Techniques for Experimental Physics, 1.0 credit	PHYS 327	Techniques for Experimental Physics, 1.0 credit
PHYS 429	Quantum Mechanics, 1.0 credit	PHYS 429	Quantum Mechanics, 1.0 credit
		PHYS 430	Physics Senior Seminar (1.0)
	Required supporting courses:		Required supporting courses:
Math 121	Calculus I, 1.0 credit	Math 121	Calculus I, 1.0 credit
Math 122	Calculus II, 1.0 credit	Math 122	Calculus II, 1.0 credit
Math 223	Calculus III, 1.0 credit	Math 223	Calculus III, 1.0 credit
Math 311	Differential Equations, 1.0 credit	Math 311	Differential Equations, 1.0 credit
	Successful completion of the secondary/K-12 curriculum requirements. The required methods of teaching course is Education 372—Methods of		Successful completion of the secondary/K-12 curriculum requirements. The required methods of teaching course is Education 372—Methods of Teaching in

	Teaching in Science, 1.0 credit		Science, 1.0 credit
Total Number of Credits: 14.0		Total Number of Credits: 15.0	

AGENDA ITEM

9. Capstone Proposal

Motion from the Curriculum Committee

Motion: That the Faculty Senate approve the proposal below for the Capstone course requirement.

Rationale: In the fall of 2005 the Faculty Senate approved, “Becoming Responsibly Engaged in the World: The Concordia College Core Curriculum,” which included a 1.0-credit Capstone course. The Curriculum Coordinating Committee has been charged with developing the guidelines for this course. The following proposal contains guiding principles for the Capstone in the Concordia Core. It is expected that different departments will address the characteristics in a variety of ways.

Proposal: Capstone courses will emphasize faculty freedom and creativity. Consistent with the Inquiry Seminar model, faculty will be encouraged to develop new courses, or modify existing courses, that allow them to focus on areas of personal disciplinary interest. Faculty are encouraged to create linkages with other Capstone courses focused on similar issues to emphasize interdisciplinary connections and perspectives.

The proposed characteristics of a Capstone course are as follows:

1. Capstone courses will address an issue of global significance.
2. Capstone courses will include a significant experiential component.
3. Capstone courses will allow students to reflect on the core process of “Becoming Responsibly Engaged in the World.”
4. To emphasize the capstone nature of this course, students will be expected to take the Capstone in their senior year.

Implementation will take place after the Division Chair for Core and the Academic Dean have worked with departments/programs to develop a sufficient number of capstone experiences for seniors at Concordia College.