

**AGENDA  
POLICY COUNCIL  
SCHOOL OF EDUCATION**

October 27, 2004  
1:00 – 3:00 p.m.  
School of Education  
IUB - Room 2140  
IUPUI - Room 3138E

I. Approval of the Minutes from September 22, 2004 Meeting ([05.07M](#))

II. Announcements and Discussions

a. Report from Dean Gonzalez

b. Agenda Committee  
Faculty Meeting October 29, 2004 11:00 a.m.  
Faculty Colloquium October 29, 2004 3:00 p.m.

III. Old Business

Survey questions of five year review of Dean  
Recommendations from Partnership and Outreach Committee-Charles Reigeluth ([04.49](#))  
Core Campus Issues ([04.49](#))  
Discuss Recommendations from P&T Committee ([04.49](#))

IV. New Business

Science Education Program change effective Fall 2005 ([05.09](#))  
Learning Science specialization program – Don Cunningham ([05.10](#))  
Request to change Department Name – Mary Beth Hines ([05.11](#))

V. New Courses/Course Changes open for 30 day remonstrance

New Courses

M321 Secondary School Mathematics Curriculum and Assessment 3 crs BL/Indianapolis-  
Critical examination of standards and other influences on secondary mathematics programs.  
Critical examination of past and current secondary mathematics curricula, text materials and  
other resources available to support and guide secondary mathematics programs. Development  
of knowledge and skills related to assessment tolls and strategies in secondary mathematics. Co-  
requisites M469 and M303. Spring semester only.

M422 Teaching Mathematics in the Secondary School 3 crs BL/Indianapolis  
Development of knowledge and skills related to analysis and design of mathematics instruction  
in secondary school mathematics with attention to selection of appropriate mathematical tasks

and tools and the development of classroom discourse communities. Students will be teaching lessons in the co-requisite field experience, M403.

M502 Mathematics Throughout the Secondary Curriculum 1 to 3 crs BL/Indianapolis  
Students engage in making connections between the mathematical content of certain required mathematics courses and the teaching and learning of secondary school mathematics. Students analyze important “big ideas” in mathematics. Additionally, student prepare and collect lesson plans for use during student teaching and beyond.

M521 Secondary School Mathematics Curriculum and Assessment 3 crs BL/Indianapolis  
Critical examination of standards and other influences on secondary mathematics programs. Critical examination of past and current secondary mathematics curricula, text materials and other resources available to support and guide secondary mathematics programs. Development of knowledge and skills related to assessment tools and strategies in secondary school mathematics. Co-requisites M469 and M303. Spring semester only.

M522 Teaching Mathematics in the Secondary School 3 crs BL/Indianapolis  
Development of knowledge and skills related to analysis and design of mathematics instruction in secondary school mathematics with attention to selection of appropriate mathematical tasks and tools and the development of classroom discourse communities. Students will be teaching lessons in the co-requisite field experience M501.

P571 Pro seminar in Learning Sciences 1 cr BL/Indianapolis  
Presentations by learning science faculty and students as well as invited speakers from throughout the world. Students enroll each semester until they accumulate 5 credit hours. Students will discuss and write critiques of the presentations as well as make a presentation.

P572 Theory and Method in Learning Science 3 crs BL/Indianapolis  
The major philosophies, methodologies and conceptual systems that shape the learning sciences.

P573 Learning Science Apprenticeship I 3 crs BL/Indianapolis  
Across two semesters, students work in research laboratories of learning science faculty and meet weekly as a group to reflect, discuss and collaborate. Students will write a research proposal for their use in Learning Science Apprentice 2.

P574 Topical Seminar in Learning Science 1 to 3 crs Bloomington/Indianapolis  
Special topic seminars by learning science faculty or visiting scholars. Potential topics include higher education pedagogy, embodied cognition, gaming/simulation in problem solving.