

Minutes of CLAS Courses & Curriculum Committee Meeting

October 17, 2000

Present: **Committee members** Thomas Bontly (Philosophy), Frank Costigliola (History), Steve Cunningham (Economics), Arnie Dashefsky (Sociology), Norman Gray (Geology), Rob Henning (Psychology), Jane Knox (Chemistry), Gerald Leibowitz (Mathematics), Joceyln Linnekin (Anthropology), Jack Manning (English), Jim O'Connell (Marine Sciences; Chair), Thomas Terry (MCB), S. Van den Berg (Comm. Sci.), Kent Wells (EEB). **Visitors** Ed Benson (Modern & Classical Languages), Roger Celestin (Modern & Classical Languages), Lanse Minkler (Economics)

1. The meeting was convened at 3:38 p.m.
2. Minutes of Sept. 12 were corrected for spelling of the representative from Statistics, Nalini Ravishanker. It was pointed out that the minutes for the Oct. 10, 2000 meeting distributed for approval were missing one page. These minutes will be approved by e-mail vote.
3. **Unfinished Business:**

2001-17. Changes to major in Art History to list 100's level courses in place of "any two 100 level courses". Approved.

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In addition to satisfying the requirements of the College, majors must complete two 100-level courses in the history of art from the following list: Art History 137, 138, 140, 141, and 191 and eight 200-level courses in the history of art with at least one 200-level course from each of the following areas:

A. Ancient: Art History 243, 246, 280*

B. Medieval: Art History 257, 258, 259, 262, 280*

C. Renaissance-Baroque: Art History 250, 251, 273, 278**

D. Modern-Contemporary: Art History 209, 252, 253, 254, 267, 268, 276****, 279***, 281, 282, 291, 292

E. Non-Western: Art History 256, 276****, 277, 278**, 279***, 284, 285, 286, 287, 288, 289

2001-22. Add MCB 205/3xx. Approved with revised course description.

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MCB 205/3xx. Human Metabolism and Disease

Second semester, alternate years. Two credits. Prerequisite: MCB 203 or 204, or consent of instructor. Albert

A thorough analysis of the inter-relationships of metabolic pathways in connection with human health and disease, including inherited metabolic diseases and the role of hormones in metabolic pathways.

2001-23. Add MCB 206. Approved with revised course description.

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MCB 206. Fundamentals of Structural Biology

First semester. Three credits. Prerequisites: BIOL 107 or CHEM 128, or consent of instructor. Yeagle, Staff

An introduction to principles underlying the structure and function of the molecules guiding life processes. These principles will be applied to proteins, DNA/RNA and membranes as well as to the energetics of life processes.

2001-24. Change MCB 209/313. Approved with revised course description. (Note: same description applies to both listings).

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MCB 209. Structure and Function of Biological Macromolecules Second semester. Three credits. Prerequisite: MCB 204 or 203, which may be taken concurrently; or consent of instructor. Knox

MCB 313. Structure and Function of Biological Macromolecules

Second semester. Three credits. Prerequisite: a course in physical chemistry or biochemistry, or consent of instructor. Knox

Correlation of three-dimensional molecular architecture with biochemical function in proteins, nucleic acids, and large assemblies such as viruses and ribosomes. Folding motifs and domains; molecular ancestry/homology; molecular recognition at the atomic level, as in DNA/protein complexes; structural basis of enzyme specificity and catalysis. Structure prediction from sequence; principles of structure determination by x-ray diffraction, NMR and CD spectroscopies, and electron microscopy. X-ray laboratory and graphics demonstrations.

2001-25. Add MCB 222W/322. Approved with change in description.

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