California Baptist University

**Undergraduate Curriculum Committee**

12 March 2007

**Present:** Jonathan Parker, Andy Herrity, Shawnn Koning, Connie Milton, David Pearson, DawnEllen Jacobs, James Lu, Elaine Ahumada, Stephen Christie, Shelly Rupard, Erica McLaughlin, Gary Bonner, Anthony Donaldson, Bruce Stokes, Chris McHorney, John Shoup, Dan Wilson, Sean Sullivan, Art Cleveland, Gayne Anacker

**Guests:** Kathryn Short, MaryAnn Pearson, Melissa Marshall for Allen Johnson, Danny Blair, Pat Kircher, Jim Buchholz, Lisa Hernandez

- Jonathan Parker opened the meeting in prayer.

- John Pate presented a proposal to re-designate graphic design courses with a distinct prefix. Shawn Koning spoke to the benefits of this for academic advising and transcription. The proposal was approved.

- John Pate proposed that unique course numbers be created for content currently designated as THE 311/411 to facilitate course rotation. Remain 1-3 repeatable.
  - THE 311/411 will remain as variable topic courses repeatable once for credit under different topics.
  - The following three distinct topics will be designated as individual, non-repeatable, 3 unit courses
    - THE 3XX Theatrical Make-up
    - THE 3XX Children’s Theater
    - THE 4XX Theatre Costume Design

The proposal was approved.

- MaryAnn Pearson presented a proposal for a new course, JRN 3XX Applied Journalism for inclusion in the DCP Interdisciplinary Studies program. Elaine Ahumada confirmed the value of such a course for the DCP students. The proposal was approved.

- Chris McHorney presented a revised proposal for changes to the Political Science major. The revisions addressed the Committee’s concerns by
  - introducing a more robust Research Methods in Political Science course, POL 4XX, for which there is no pre-requisite;
  - reflecting the Registrar’s input to articulate the degree plan format in a manner that will facilitate the structure of the degree guide;
  - and incorporating a civic engagement project for POL 4XX Christianity and Citizenship.
    - The new 39 unit major with 5 concentration options is outlined as follows:
      - **Core Courses (30 Units)**
        - Lower Division Requirements
          - POL 213: American Government
• POL 223: State and Local Government
• Upper Division Requirements
  o POL XXX: Research Methods in Political Science
  o POL XXX: Christianity and Citizenship
  o POL 499: Senior Project

- **Public Administration Elective Requirement** Complete three (3) units from the following:
  - POL 395: Political Economy
  - POL 451: Executive Leadership in the Public Sector
  - POL 453: Administrative Law and Bureaucracy
  - POL 465: Policy Process and Analysis
  - POL 491: Public Personnel Management
  - POL 493: Principles of Public Administration

- **Political Philosophy Elective Requirement** Complete three (3) units from the following:
  - POL 395: Political Economy
  - POL 423: Classical Political Philosophy
  - POL 425: Modern Political Philosophy
  - POL 427: American Political Theory
  - POL 429: Critical Political Philosophy and Postmodernism

- **American Institutions and Processes Elective Requirement** Complete three (3) units from the following:
  - POL 323: Political Parties and Interest Groups
  - POL 390: Congress and the Presidency
  - POL 395: Political Economy
  - POL 4XX: Constitutional Law I
  - POL 4XX: Constitutional Law II
  - POL 4XX: Campaigns and Elections

- **International Relations Elective Requirement** Complete three (3) units from the following:
  - POL 333: International Relations
  - POL 415: World Geography
  - POL 443: Diplomatic History of the United States
  - POL 4XX: International Terrorism
  - POL 4XX: Globalization
  - POL 4XX: International Conflict

- **Pre-Law Elective Requirement** Complete three (3) units from the following:
  - PHI 300: Logic or PHI 324: Applied Ethics
  - CJS 301: Fundamentals of Criminal Law
  - CJS 321: Courts and the Criminal Process
  - POL 330: Law and Literature*
  - POL 440: Law Internship
  - POL 453: Administrative Law and Bureaucracy
  - POL 4XX: Constitutional Law I
  - POL 4XX: Constitutional Law II

- **Concentration Courses (9 units)** Students must complete at least nine (9) units, not completed in the core, in one of the following concentrations: Public Administration; Political Philosophy; American Institutions and Processes;
International Relations; Pre-Law. Political Science majors may not use any one course to satisfy two or more concentration requirements.

- **Concentrations**
  - **Public Administration (select 9 units from the following)**
    - POL 395: Political Economy
    - POL 451: Executive Leadership in the Public Sector
    - POL 453: Administrative Law and Bureaucracy
    - POL 465: Policy Process and Analysis
    - POL 491: Public Personnel Management
    - POL 493: Principles of Public Administration
  - **Political Philosophy (select 9 units from the following)**
    - POL 395: Political Economy
    - POL 423: Classical Political Philosophy
    - POL 425: Modern Political Philosophy
    - POL 427: American Political Theory
    - POL 429: Critical Political Philosophy and Postmodernism
  - **American Institutions and Processes (select 9 units from the following)**
    - POL 323: Political Parties and Interest Groups
    - POL 390: Congress and the Presidency
    - POL 395: Political Economy
    - POL 4XX: Constitutional Law I
    - POL 4XX: Constitutional Law II
    - POL 4XX: Campaigns and Elections
  - **International Relations (select 9 units from the following)**
    - POL 333: International Relations
    - POL 415: World Geography
    - POL 443: Diplomatic History of the United States
    - POL 4XX: International Terrorism
    - POL 4XX: Globalization
    - POL 4XX: International Conflict
  - **Pre-Law (select 9 units from the following)**
    - PHI 300: Logic or PHI 324: Applied Ethics
    - CJS 301: Fundamentals of Criminal Law
    - CJS 321: Courts and the Criminal Process
    - POL/ENG 330: Law and Literature
    - POL 440: Law Internship
    - POL 453: Administrative Law and Bureaucracy
    - POL 4XX: Constitutional Law I*
    - POL 4XX: Constitutional Law II*
    - Recommend completion of POL4XX and POL4XX

The proposal was approved.

- Gary Bonner presented a proposal for two new courses
  - MUS 2XX Electronic Music, a 2 unit course, will be added to the music major to meet the NASM requirement for acoustics.
    - The course is not designed as an alternative for the GE science requirement.
  - *DawnEllen Jacobs, Bruce Stokes, Gary Bonner, Shawnn Koning, and Chris McHorney are tasked* with exploring appropriate alternatives within the GE for music majors to keep the major closer to 124 units.
- MUS 094 New Song is proposed as the course for the second women’s choir to begin in Fall 07.

The proposal to adopt these new courses was approved.

- Gary Bonner presented several items designed to streamline and clarify major requirements as outlined in the catalogue.
  - Delete Jazz Band as major ensemble. Students participating in jazz band would need to be a member of another ensemble as well to meet the major requirement.
  - Change the title of MUS 079 Private Instruction to Instrumental Practicum. Fees still apply.
  - Change the title of MUS 093 Chamber Singers to Experiences in Chamber Singing so not to imply that this course is considered a major ensemble.
  - Remove the Church Music concentration option from the BMus degree.
    - Enrollment is low.
    - Other program requirements prepare students as worship leaders.
  - Limit the number of times students may take MUS 032 Functional Piano to reflect additional piano courses leading to piano proficiency for music majors.
    - Students may repeat two times before continuing to MUS 462 Private Instruction: Piano.
    - Remove the pre-requisite exam from MUS 032 Functional Piano. Shelly Rupard concurred that this would be a very helpful change for academic advisors and would facilitate students’ enrollment in the class.
  - Modify the catalogue course description of MUS 431 Recital/Senior Project to differentiate requirements for junior and senior recitals. Rubrics continue to be refined for recitals.
  - Change the pre-requisites for MUS 312 Conducting from MUS114/115 Music Theory I to MUS 214/215 Music Theory II to better sequence the MUS 312 course within the junior or senior year.
  - Change the pre-requisites for the music history sequence (MUS 313, 323, 324, 435) from MUS114/115 Music Theory I to MUS 214/215 Music Theory II to better sequence the history series of courses.
  - Change the course description for MUS 114 Music Theory to read as follows to reflect actual practice and clarify the music theory exam process.
    - A review of music fundamentals, intensive study of basic concepts of music theory for the music major, introduction to music notation software.
    - Concurrent requisite: MUS 115. Concert attendance requirement.
    - Prerequisite: Passing the Music Theory Placement Exam. If no passing grade can be achieved, then student must complete MUS 104 Music Fundamentals I and MUS 106 Music Fundamentals II.
  - Restructure MUS 423 Vocal Repertory Lab as a 2 unit course to be offered every other year.
    - Students would take the 2 unit course one time
    - The 2 unit course would not be repeatable for credit.
    - The change would better suit content delivery.

These proposals were approved.

- Mandate a minimum of 8 units of MUS 080-088 Private Instruction, MUS 090-097 Major Ensemble and MUS 082, 462 Private Instruction and 4 units minimum for MUS 098 Choral Union for all music majors.
This proposal was tabled. David Pearson, Shawn Koning, Shelley Rupard, and Gary Bonner are tasked with determining the best way to reconcile this change with the degree guide.

- Elaine Ahumada proposed a mandatory 2 unit course, PST 2xx Strategies for Success for CoPS students.
  - Students will be required to take this prescribed elective course in their first semester at CBU unless they have successfully taken ENG 123 and CIS 265 or their equivalents. Students having successfully completed these courses may elect to take the course at any time during their degree.
  - The course will increase the potential for student success by improving their technological competence, training them in research methods and study skills, and facilitating their transition back into the college environment.
  - The course will be offered every 8 weeks.
  - Students may use library access to Questia rather than maintaining a personal subscription.

The proposal was approved.

- Gayne Anacker presented revisions to majors within the Natural and Mathematical Sciences.
  - Proposed Biology Major (67-69 units)
    - LOWER DIVISION REQUIREMENTS:
      - BIO114 Botany with Lab 4
      - BIO146 General Biology I with Lab 4
      - BIO148 General Biology II with Lab 4
      - CHE115 General Chemistry I with Lab 4
      - CHE125 General Chemistry II with Lab 4
      - MAT 145 Mathematical Methods in the Natural Sciences 4
      - MAT 245 Analytical Geometry and Calculus I 4
      - PHY114 General Physics I with Lab and 4
      - PHY124 General Physics II with Lab 4
      - PHY214 Physics for Scientists and Engineers I with Lab and 4
      - PHY224 Physics for Scientists and Engineers II with Lab 4
    - UPPER DIVISION REQUIREMENTS:
      - BIO305 Microbiology with Lab 4
      - BIO313 Genetics 4
      - BIO330 Cell and Molecular Biology with Lab 4
      - BIO480 Biology Research Seminar 1
      - BIO490 Senior Research in Biology 3
      - BIO495 Internship in Biology 3
      - CHE351 Organic Chemistry I with Lab 4
      - CHE352 Organic Chemistry II with Lab 4
Concentration Courses (12-14 units)
Students must complete all of the prescribed course in one of the following concentrations:

**Mammalian Biology** (Recommended for students planning to pursue advanced degrees in Health Fields)

**Environmental Science**

**Natural Science** (Recommended for students planning to teach Biology at the secondary school level)

**General Science**

- Revisions to the biology major
  - Introduce 4 concentrations
    - Mammalian Biology
      - BIO316 Comparative Anatomy with Lab 4
      - BIO324 Developmental Biology with Lab 4
      - BIO344 Vertebrate Physiology with Lab 4
    - Environmental Science
      - BIO302 Ecology with Lab 4
      - SCI412 Marine Science with Lab 4
      - CHE370* Environmental Chemistry with Lab 4
      - *Biology Majors with an Environmental Science Concentration who wish to also earn a Chemistry Minor can not apply CHE370 toward the Chemistry minor.
    - Natural Science
      - PHY213 Astronomy 3
      - PSC151 Introduction to the Geosciences 3
      - BIO302 Ecology with Lab 4
      - BIO344 Vertebrate Physiology with Lab 4
    - General Concentration
      - Twelve (12) units of upper-division Biology (BIO), or SCI412 not previously taken.
      - Remove the following courses from the biology core
        BIO316 Comparative Anatomy with Lab 4
        BIO324 Developmental Biology with Lab 4
        BIO344 Vertebrate Physiology with Lab 4
        BIO302 Ecology (with added lab – see below) 3
      - Biology majors may take either physics sequence PHY 114/124 general physics or PHY 214/224 calculus-based physics.
      - Add labs to make BIO 302 Ecology and BIO 305 Microbiology 4 unit courses.
      - Add three new upper division courses as requirements for majors
        - Bio 480 Biology Research Seminar
        - Bio 495 Internship in Biology
        - CHE 370 Environmental Chemistry with lab

The proposal was approved.

- Revisions to the health science major
  - Health Science majors may take either physics sequence PHY 114/124 general physics or PHY 214/224 calculus-based physics
- Revise the pre-requisite for BIO 305 Microbiology from BIO 146 General Biology to BIO 153 Anatomy and Physiology.

The proposal was approved.

- Gayne Anacker proposed a revised 53-56 unit math major

  **Lower Division Requirements:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 268</td>
<td>Computer Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>MAT 245</td>
<td>Analytical Geometry and Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAT 245L</td>
<td>Calculus Symbolic Language Lab I</td>
<td>1</td>
</tr>
<tr>
<td>MAT 255</td>
<td>Analytical Geometry and Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAT 245L</td>
<td>Calculus Symbolic Language Lab II</td>
<td>1</td>
</tr>
<tr>
<td>PHY 214</td>
<td>Physics for Scientists and Engineers I with Lab</td>
<td>4</td>
</tr>
<tr>
<td>PHY 224</td>
<td>Physics for Scientists and Engineers II with Lab</td>
<td>4</td>
</tr>
</tbody>
</table>

  **Upper Division Requirements:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 313</td>
<td>Mathematical Proofs and Structures</td>
<td>3</td>
</tr>
<tr>
<td>MAT 323</td>
<td>Modern Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MAT 343</td>
<td>Multivariable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MAT 403</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT 413</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MAT 443</td>
<td>Advanced Calculus</td>
<td>3</td>
</tr>
</tbody>
</table>

Concentration Courses (15-18 units)

Students must complete all of the prescribed course in one of the following concentrations:

- **Graduate School Preparation** (Recommended for students planning to pursue advanced degrees in Mathematics)
- **Mathematics Secondary Education** (Recommended for students planning to teach Mathematics at the secondary school level)
- **General Mathematics**

- Revisions to the math major
  - Introduce 3 concentrations
    - Grad school preparation or pure mathematics
      - *David Pearson is tasked* to find a more appropriate name for this concentration.
        - MAT 333 Complex Variables 3
        - MAT 423 Introduction to Topology 3
        - MAT 453 Numerical Analysis 3
        - Three (3) additional upper-division mathematics units
      - Secondary math education
        - MAT 333 Complex Variables 3
        - MAT 353 Probability and Statistics 3
        - MAT 363 History of Mathematics/Theory of Numbers 3
        - MAT 463 Fundamental Concepts of Geometry 3
- MAT 499 Capstone 3
  - General Mathematics
    - Twelve (12) units of upper-division Mathematics (MAT) not previously taken. May only include a maximum of six (6) units of MAT400 (Special Topics in Mathematics) courses.

- Course changes
  - Change the pre-requisite for CIS 268 Computer Programming Languages from CIS 265 to CIS 265 or approved high school technology competence.
  - MAT 323 Mod Algebra from 3 units to 4 units to facilitate delivery of course content.
  - Change the pre-requisite for MAT 145 Mathematical Methods in the Natural Sciences from ‘MAT115 or sufficient SAT, ACT or math placement exam scores and appropriate high school mathematics background’ to ‘MAT115 or MAT135 or sufficient SAT, ACT or math placement exam scores and appropriate high school mathematics background’
  - Change the pre-requisite for PHY114 General Physics I with Lab from ‘MAT135 or two years of high school algebra, one course in high school trigonometry, and one course in high school geometry’ to ‘MAT135, MAT145, MAT 245, or PHY101.’

- Add the following new courses
  - MAT 154 Statistics for Nursing and Health Care (3 units)
  - MAT 453 Numerical Analysis (3 units)
  - MAT 423 Introduction to Topology (3 units)
  - PHY 101 Concepts in Physics with lab (4 units)

The proposal was approved.

- Kathryn Short presented a proposal for a 51 unit Early Childhood Studies Major

<table>
<thead>
<tr>
<th>Early Childhood Studies Program</th>
<th>58 units</th>
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</thead>
<tbody>
<tr>
<td>ECH 320</td>
<td>Cognitive Development in Infancy &amp; Early Childhood</td>
</tr>
<tr>
<td>ECH 340</td>
<td>Perceptual Motor Development in Infancy &amp; Early Childhood</td>
</tr>
<tr>
<td>ECH 350</td>
<td>Social &amp; Emotional Development in Infancy &amp; Early Childhood</td>
</tr>
<tr>
<td>ECH 365</td>
<td>Assessment of Young Children including Children with Disabilities</td>
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<td>ECH 395</td>
<td>Learning Environments for Young Children including Children with Disabilities</td>
</tr>
<tr>
<td>ECH 435</td>
<td>Cross Cultural Perspectives of Young Children including Children with Disabilities</td>
</tr>
<tr>
<td>EDU 302</td>
<td>Growth and Development (pre-requisite for credential)</td>
</tr>
<tr>
<td>ECH 375</td>
<td>Early Intervention: Early Childhood Special Education</td>
</tr>
<tr>
<td>ECH 385</td>
<td>Theories and Models of Understanding Behavior in Young Children with Disabilities</td>
</tr>
<tr>
<td>ECH 415</td>
<td>Consultation and Collaboration in Early Childhood Intervention</td>
</tr>
<tr>
<td>ECH 425</td>
<td>Low Incidence Disabilities in Young Children</td>
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<tr>
<td>ECH 455</td>
<td>Research Seminar in Early Childhood including Early Childhood Intervention</td>
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<tr>
<td>EDU 341</td>
<td>The Exceptional Child (pre-requisite for credential)</td>
</tr>
<tr>
<td>ENG 463</td>
<td>Introduction to Linguistics (requirement for credential)</td>
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<tr>
<td>KIN 363</td>
<td>Movement Experiences for Children</td>
</tr>
<tr>
<td>ENG 353</td>
<td>Children’s Literature</td>
</tr>
<tr>
<td>ETC 305</td>
<td>Educational Computing</td>
</tr>
</tbody>
</table>
The current Early Childhood Intervention major is a 2+2 program with community colleges. The proposed major would open the program to traditional students who do not have the requisite 2 years of course work from the Community College.

The new major responds to requests from traditional undergrad students who wish to study early childhood education. We cannot have a major in early childhood education because students may not base future teacher credential work on an undergrad major in education. Therefore, we are calling the new major “Early Childhood Studies.”

The new major will not include any professional methods courses in education.

Impact to existing facilities and resources

Library: The impact is minimal because the coursework is in place through the Liberal Studies concentration.

Classrooms: Courses currently being taught have sufficient classroom space; however, classrooms will be needed as enrollment in the program grows.

Faculty and Staffing: Currently, one full-time faculty and six adjuncts have been assigned to teach the early childhood courses and as the major progresses all are fully qualified to teach the early childhood intervention courses as well.

Technology: No new technology is required.

The proposed program modifies existing courses rather than adding new ones.

The effected courses have not yet been offered to current students, so there will be no impact on students in the existing program.

Proposed changes in course titles and descriptions will be implemented in both the DCP 2+2 program and the proposed traditional major program:

- ECH 365 Assessment of Young Children with Disabilities will become Assessment of Young Children including Children with Disabilities.
- ECH 395 Learning Environments for Young Children with Disabilities will become Learning Environments for Young Children Including Children with Disabilities.
- ECH 435 Cross Cultural Perspectives on Children with Disabilities will become Cross Cultural Perspectives on Children Including Children with Disabilities.

The proposal was approved.

The meeting was adjourned at 11:40 am. The next Undergraduate Curriculum Committee Meeting is scheduled for 9 April 2007. Materials to be included in the agenda should be submitted no later than 4 April.