AGENDA
Meeting of the Academic Affairs Committee
Wednesday, October 16, 2013
University Center, Room 213

Committee Membership

Jose D’Arruda (Senator & Chair)  Jeremy Sellers (Senator)
Cherry Beasley (Senator)        Joanna Hersey (chair of General Education)
Jeff Bolles (Senator)           Jaime Martinez (chair of Curriculum)
Rick Crandall (Senator)         Lisa Mitchell (chair of Enrollment)
David Nikkel (Senator)          Larry Arnold (chair of Academic Support)
Maria Pereira (Senator)         Ken Kitts (Provost and VC for Academic Affairs)
Jesse Peters (Senator)

I.  Call to Order
II. Approval of the Minutes of the September 18, 2013 Meeting (Appendix A)
III. Approval of the Agenda
IV.  Report from the Chair
V.  Reports from Subcommittees

A.  Curriculum: Jaime Martinez, Chair

   a) Actions Requiring only AA Chair Signature (Appendix B)

1.  Proposals from the Department of Mathematics and Computer Science

   4.1 Course Proposal: Revise prerequisite for CSC 1850
                   Approved 9-0-0

2.  Proposals from the Department of Department of Biology

   5.2 Program Proposal: Add BIO 4130 to Molecular Biology Track
                     Approved 9-0-0

   b) Actions Requiring AA Approval Only (Appendix C)

1.  Proposals from the Department of Biology

   5.1 Course Proposal: Add a new course in Molecular Biology 4130
                     Approved 9-0-0

   c) Actions Requiring AA Approval and to be sent to Senate (Appendix D)
1. **Proposals from the Department of Mathematics and Computer Science**

   **4.2 Program Proposal:** Revise requirements for Bachelor of Science in Computer Science. Approved 9-0-0

   **4.3 Program Proposal:** Revise requirements for Bachelor of Science in Information Technology. Approved 9-0-0

2. **Program Proposal: Add 14 Courses to QEP**

   ENG 2200/AIS 2200  Native American Literature—Writing Enriched
   ENG 2990  Writing Center Theory and Practice—Writing Enriched
   ENG 3440/AIS 3440  The Native American Novel—Writing Enriched
   ENG3470/AIS 3470  Native American Poetry—Writing Enriched
   ENG 3650  Writing in Digital Environments—Writing Enriched
   ENG 3720  Writing for the Public Sphere—Writing enriched
   ENG 4210  Grant Writing—Writing Enriched
   ENGS 4090 Special Topics in Rhetoric and Composition—Reading and Writing About Nonfiction—Writing Enriched
   GGY 3770  Geography of American Indians—Writing Enriched
   HLTH 3770  Drugs, Society and Behavior—Writing Enriched
   HST 1140  World Civilizations to 1500—Writing Enriched
   HST 4230  Indigenous Women—Writing Enriched
   HST 4410  History of Medieval Britain—Writing Enriched
   PED 4030  Facilities Design in HPER—Writing Enriched

   Approved 9-0-0

B. **Enrollment Management: Lisa Mitchell, Chair**

   **Catalog Change Proposal:**
   Regular class attendance is important to the educational experience of each student and to the academic integrity of the university curriculum, whether the setting is in a classroom or online. Students are expected to attend every class beginning with the first session. For online classes, logging on and entering the Blackboard (or other online portal) site for the course will be considered "attendance," even if no work is submitted.
   The University reserves the right to administratively withdraw students who have never attended any classes. Regular class attendance is a student responsibility. A student is responsible for all the work, including tests and written work, of all class meetings. No right or privilege exists that permits a student to be absent from any given number of class meetings. (remainder unchanged)

C. **General Education: Joanna Hersey, Chair**

D. **Academic Support Services: Larry Arnold, Chair**
E. Old Business
F. New Business
   Curriculum Content Management-- Jaime Martinez (chair of Curriculum)
G. Announcements
H. Adjournment
Appendix A

AGENDA (pending approval)
Meeting of the Academic Affairs Committee
Wednesday, September 18, 2013
University Center, Room 213

Committee Membership

Jose D’Arruda (Senator & Chair)  Jeremy Sellers (Senator)
Cherry Beasley (Senator)  Joanna Hersey (chair of General Education)
Jeff Bolles (Senator)  Jaime Martinez (chair of Curriculum)
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David Nikkel (Senator)  Larry Arnold (chair of Academic Support)
Maria Pereira (Senator)  Ken Kitts (Provost and VC for Academic Affairs)
Jesse Peters (Senator)

Members Present: D’Arruda, Bolles, Crandall, Nikkel, Pereira, Sellers, Hersey, Martinez, Mitchell, Arnold

MembersAbsent: Beasley, Kitts

Guests: Elizabeth Normandy (sitting for Ken Kitts), Judy Curtis, Melissa Schaub

VI. Call to Order

The meeting was called to order at 3:30 PM. Jeff Bolles served as secretary (permanent)

VII. Approval of the Minutes of the April 17, 2013 Meeting

The minutes were approved by consensus

VIII. Approval of the Agenda

The agenda was approved by consensus

IX. Report from the Chair

Dr. D’Arruda opened his report by giving the floor to Dr. Judy Curtis, Faculty Senate Chair and guest, who delivered her charge for the committee

Dr. A’Arruda reminded all committee chairs to submit their approved minutes to Dr. Roger Guy, Faculty Senate Secretary

Dr. D’Arruda announced that Dr. Jeff Bolles will serve as the permanent AA Committee Secretary and Cherry Beasley will serve as the alternate secretary

X. Reports from Subcommittees
I. Curriculum: Jaime Martinez, Chair

Dr. Martinez opened her report by taking questions on those items that only needed AA chair approval and continued as follows.

*Actions Requiring only AA Chair Signature*

1. **Proposals from the Department of Mass Communication**
   
   5.1 **Course Proposal**: Revise title of PRN 2200
   Approved 12-0-0

   5.2 **Course Proposal**: Revise elective course options for the Minor in Journalism
   Approved 12-0-0

2. **Proposals from the Department of English and Theatre, and Foreign Languages**
   
   6.1 **Course Proposal**: Revise title and description of ENG 4550
   
   6.2 **Course Proposal**: Revise prerequisites for TESL 4890
   
   6.3 **Course Proposal**: Revise prerequisites for TESL 5890 PENDING APPROVAL FROM TEACHER EDUCATION COMMITTEE ON 9/11

   All three Approved 12-0-0

3. **Proposals from the Department of Health, Physical Education, and Recreation**
   
   7.2 **Program Proposal**: Change title of M.A.T. with Physical Education Specialization to M.A.T. with Health and Physical Education Specialization. PENDING APPROVAL FROM GRADUATE COUNCIL ON 9/16
   
   Approved 12-0-0

4. **Proposals from the Department of History**
   
   8.1 **Course Proposal**: Delete AST 4010
   
   8.2 **Course Proposal**: Revise title and description of HST 3140
   
   8.3 **Course Proposal**: Revise title and description of HST 3150
   
   8.4 **Course Proposal**: Revise title of HST 4330
   All four Approved 12-0-0

*Actions Requiring AA Approval Only (Appendix C)-NONE*

*Actions Requiring AA Approval and to be sent to Senate*

1. 7.1 **Program Proposal**: Revise Exercise Physiology track of the
Exercise and Sport Science degree

Currently in our Exercise Physiology track of our Exercise & Sport Science degree, we require six 1-hr coaching courses. We would like to now require those six coaching courses OR a 6-HOUR INTERNSHIP (HPER 4990).

Approved 12-0-0

AA Approved 10-0-0

2. **10.1 Resolution:** The Curriculum subcommittee passed the following resolution to the Faculty Senate regarding removing courses from the catalog which are no longer being offered: 12 for, 0 against, 0 abstain.

*The Faculty Senate recommends that all department chairs and program directors review the list of courses offered by their programs and delete any which are no longer offered, revise any course descriptions which are in need of updating, and submit proposals for course deletion or course revision to the Curriculum subcommittee. This request is being made in the interest of providing accurate information to students and our accrediting agency as well as saving paper and printing costs.*

AA Approved 10-0-0

Comments from Catalog Editor:

Sara Oswald made a proposal to Curriculum to clean up the meeting agenda and use it as an outline with additional information added to agenda. Discussion ensued. A new format with the course syllabi linked separately from the course overview will be implemented.

3. **10.2 Program Proposal: Add Four Courses to QEP**

SOC 3610 Social Research—Writing Enriched
SPN 3110 Spanish Composition and Review of Grammar—Writing Enriched
SPN 3200 Literary Analysis and Criticism in Spanish—Writing in the Discipline
SPN 3700 Advanced Spanish Grammar and Composition—Writing Enriched

All four above Approved 12-0-0

AA Approved 9-0-1

J. Enrollment Management: Lisa Mitchell, Chair

No new business to report

K. General Education: Joanna Hersey, Chair

Meets next week. No report.

L. Academic Support Services: Larry Arnold, Chair
Dr. Larry Arnold reported:
   i. Library extended hours in the spring until 2 AM during exam period and reported it was a huge success and will continue the practice;
   ii. Writing Center reported continued success and satisfaction from the students;
   iii. CAE asked committee to pass on:
       • Lack of space – Assigned space in Wellons (above instrumental practice rooms – very disturbing)
       • Trouble finding tutors for 27 courses in the tutoring program

M. Old Business
   None

N. New Business
   Curriculum Content Management-- Jaime Martinez (chair of Curriculum)
   Comments from the UNCP Catalog Editor were discussed under the Curriculum report
   No other new business

O. Announcements
   Jose announced the meeting went well!

P. Adjournment
   The meeting was adjourned at 3:57 PM
Appendix B
Actions Requiring only AA Chair Signature

1. Proposals from the Department of Mathematics and Computer Science

4.1 Course Proposal: Delete MAT 1080 as a prerequisite for CSC 1850.
Rationale: Trigonometry is no longer required to be successful in CSC 1850.

Dept vote: 17 for; 0 against; 0 abstain
Affect others: No
Departments affected and how:
Affected Chair: Off
Cross listing: No
Articulation: No
Additional Resources: no
Additional Resources required:

COURSE DESCRIPTIONS:
CSC 1850 Object Oriented Programming
Hours: 3
Prerequisites: MAT 1090 or MAT 1070 & MAT 1080 and C or better in CSC 1750 and CSC 1760
Required: no
Course description: Builds on the foundation provided by CSC 1750 and 1760 to provide students with immersion in programming experience and associated techniques, with a focus on the object oriented paradigm. Topics include control flow, debugging and testing, string processing, searching and sorting, recursion, and stacks and linked lists. Emphasis on effective software engineering practices, including incremental development, systematic testing, and hypothesis driven debugging of software artifacts. Credit, 3 semester hours.
PREREQ: MAT 1090 or MAT 1070 & MAT 1080 and C or better in CSC 1750 and CSC 1760.
Course title: Object Oriented Programming
Code: LEC

2. Proposals from the Department of Biology

5.2 Program Proposal: Add new BIO 4130 course, Molecular Biology, to the list of courses in Molecular track.
Rationale: The new course in Molecular biology, BIO 4130, should be available to Biology students and count towards the degree requirements for the Molecular Biology Track.

Dept vote: 20 for; 0 against; 0 abstain
Affect others: No
Departments affected and how:
Affected Chair: Off
Cross listing: No
Articulation: No
Additional Resources: no
Additional Resources required:

Molecular Biology Track (11-12 sem hr): Three of the following:
BIO 3150, 3540, 3810, 4610, 4130; BTEC 3220, 3230
Attached: New Catalog Entry

Appendix C
Actions Requiring AA Approval Only

5.1 Course Proposal: The Biology department wishes to add a new course in Molecular Biology (4130) to the catalog of course offerings.

Rationale: Despite having a Molecular Bio track, the Bio department does not have a dedicated course in Molecular Biology. Therefore, we propose adding a new course that will serve as an elective course for all Bio majors, but particularly in the Mol Bio track.

Dept vote: 20 for; 0 against; 0 abstain
Affect others: No
Departments affected and how:
Affected Chair: Off
Cross listing: No
Articulation: No
Additional Resources: no
Additional Resources required:

COURSE DESCRIPTIONS:
BIO 4130 Molecular Biology
Hours: 4.0
Prerequisites: BIO 3180
Required: No

New Course description: A laboratory-oriented course intended to introduce students to both basic and advanced concepts of molecular biology. Students will be introduced to the theory and practical uses of instrumentation and procedures currently used to analyze nucleic acids and proteins including, but not limited to, gene cloning, macromolecule isolation, PCR, electrophoresis, and hybridization/blotting techniques. Other advanced topics introduced in lecture and/or lab may include microarrays, DNA sequencing, RNAi, cell culture, and bioinformatics.

Course title: Molecular Biology
Code: LEC

1 BIO 4130 – Molecular Biology

2 First Half

3 Instructor: Dr. Jeremy Sellers
Office: 2230 Oxendine
Phone: (910) 521-6870
E-mail: jeremy.sellers@uncp.edu

Second Half

Dr. Maria S. Santisteban
Office: 2232 Oxendine
Phone: (910) 775-4274
E-mail: maria.santisteban@uncp.edu

Office hours:

Course Description: A laboratory-oriented course intended to introduce students to both basic and advanced concepts of molecular biology. Students will be introduced to the theory and practical uses of instrumentation and procedures currently used to analyze nucleic acids and proteins including, but not limited to, gene cloning, macromolecule isolation, PCR, electrophoresis, and hybridization/blotting techniques. Other advanced topics introduced in lecture and/or lab may include microarrays, DNA sequencing, RNAi, cell culture, and bioinformatics.

Pre-req: BIO 3180-Principles of Genetics

Textbook:

Evaluation:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
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<tbody>
<tr>
<td>Assignments/Quizzes*</td>
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</tr>
<tr>
<td>Exam #1</td>
<td>100 pts</td>
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<tr>
<td>Exam #2</td>
<td>100 pts</td>
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<tr>
<td>1st Half project</td>
<td>100 pts</td>
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<td>Exam #3</td>
<td>100 pts</td>
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<tr>
<td>Exam #4</td>
<td>100 pts</td>
</tr>
<tr>
<td>2nd Half Project</td>
<td>100 pts</td>
</tr>
<tr>
<td>Lab Participaion/Practical</td>
<td>200 pts</td>
</tr>
</tbody>
</table>

Total ~850 pts

*The instructor reserves the right to give graded and non-graded assignments as well as unannounced quizzes. Any such items will adjust the total points possible for the course, as indicated.

Grading Scale:  

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>93-100</td>
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<td>A'</td>
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<td>B</td>
<td>87-89</td>
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<td>B'</td>
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<td>C</td>
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<tr>
<td>C'</td>
<td>77-79</td>
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<tr>
<td>D</td>
<td>74-76</td>
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<tr>
<td>D'</td>
<td>70-73</td>
</tr>
<tr>
<td>F</td>
<td>below 60</td>
</tr>
</tbody>
</table>
**Attendance:** Attendance will be taken during each lecture and laboratory period. Further, attendance for lecture is essential to promote learning. Grades for this course are not given but earned and the best way to begin earning your grade is by faithfully attending and taking good notes in lecture. If a lecture is missed, it is your responsibility to obtain notes from a classmate. In general, absences from an exam period will result in a zero (0). If an exam is missed due to personal or family emergency, the student is responsible for contacting the instructor within 24 hours of the exam date to schedule a time to make it up. In any such instance, the student must provide the instructor with appropriate and verifiable documentation of the emergency.

To accommodate students’ religious holidays, each student will be allowed two excused absences during the semester with the following conditions:

1. Students, who submit written notification to their instructors within two weeks of the beginning of the semester, shall be excused from class or other scheduled academic activity to observe a religious holy day of their faith. Excused absences are limited to two class sessions (days) per semester.
2. Students shall be permitted a reasonable amount of time to make up tests or other work missed due to an excused absence for a religious observance.
3. Students should not be penalized due to absence from class or other scheduled academic activity because of religious observances.

**Behavior/Cheating:** Inappropriate behavior in lecture, which includes being tardy or disruptive, will not be tolerated. Disruption of class time will lead to removal of the student(s) from class. Mobile phones, pagers, and other electronic devices are disruptive. The use of any aid of reference not explicitly permitted by the instructor will be considered cheating. Additionally, any form of communication between students during a quiz or exam will be assumed to be cheating. Cheating will result in a grade of zero (0) on that exam. Furthermore, students are expected to report cases of academic dishonesty to the instructor.

**LECTURE SCHEDULE:**

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction/Review</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Genetic Information Flow</td>
<td>1/2</td>
</tr>
<tr>
<td>3</td>
<td>cont...</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>Control of Gene Expression/Exam I</td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td>Basic Tools of Recombinant DNA</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>Features of Euk. Genes/Exam II</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>Bioinformatics section</td>
<td>12/13</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
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<tr>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>A New Toolbox for Recombinant DNA</td>
<td>6</td>
</tr>
<tr>
<td>11</td>
<td>A New Toolbox for Recombinant DNA</td>
<td>6</td>
</tr>
<tr>
<td>12</td>
<td>Epigenetic Modifications of the Genome</td>
<td>8</td>
</tr>
<tr>
<td>13</td>
<td>Epigenetic Modifications of the Genome/Exam III</td>
<td>8</td>
</tr>
<tr>
<td>14</td>
<td>Fundamentals of Whole-Genome Sequencing</td>
<td>10</td>
</tr>
<tr>
<td>15</td>
<td>From Genome Sequence to Gene Function</td>
<td>13</td>
</tr>
<tr>
<td>16</td>
<td>From Genome Sequence to Gene Function/Exam IV</td>
<td>13</td>
</tr>
</tbody>
</table>

**Final Exam Period:** Wednesday May 2nd, at 10:45am.

**Special Needs:** Disability Support Services
Any student with a documented disability needing academic adjustments is requested to speak directly to Disability Support Services and the instructor, as early in the semester (preferably within the first week) as possible. All discussions will remain confidential. Please contact Disability Support Services, DF Lowry Building, 910-521-6695.

This publication is available in alternative formats upon request. Please contact Disability Support Services, DF Lowry Building, 521-6695.

Emergency University Closing Policy
Information hotline 521-6888
Web site: www.uncp.edu

NOTE: The instructor reserves the right to change any and all information contained on this and other handouts in this course. The laboratory syllabus will be handed out in the first lab period.

BIO 4130 – MOLECULAR BIOLOGY
Laboratory Syllabus

4 First Half

5 Instructor: Dr. Jeremy Sellers
Office: 2230 Oxendine
Phone: (910) 521-6870
E-mail: jeremy.sellers@uncp.edu

Dr. Maria S. Stantisteban
Office: 2232 Oxendine
Phone: (910) 775-4274
E-mail: maria.santisteban@uncp.edu

Attendance policy: Attendance for lab is expected. Therefore, students may not miss more than two (2) lab periods without a penalty. Lab periods missed in excess of two, regardless of reason, will result in a 33% deduction from their final lab grade, for each lab that is missed.

Week of Topic
Jan 12 Intro/Bacterial Transformation
19 Induction of Gene Expression
26 Protein Analysis by SDS-PAGE
Feb 2 Affinity Purification of Protein
9 SDS-PAGE Analysis of Purified Protein
16 RNAi Experiment in cultured Euk cells part 1 (IVT + bathing)
23 RNAi Exp part 2 (RNA extraction + RT-PCR analysis)

End of First Half

Mar 1 Gene knockout
8 Spring Break – No Lab
15 Southern Blot
22 Southern Blot Cont…
29 Southern Blot Cont…

Apr 5 Southern Blot Cont…
12 Microarrays
NOTE: This laboratory schedule is tentative and is subject to change at the discretion of the instructor.

Appendix D
Actions Requiring AA Approval and to be sent to Senate

1. Proposals from the Department of Mathematics and Computer Science

4.2 Program Proposal: Change the Bachelor of Science in Computer Science program to include a core requirement for a writing in the discipline course (MAT 4020) and change the advanced course section to have the student select four advanced courses instead of choosing four courses from one of three areas.

Rationale: MAT 4020 is needed to provide a writing in the discipline course with prerequisites consistent with core courses in the major. The advanced course area was changed to provide more flexibility to the students and faculty.

Dept vote: 17 for; 0 against; 0 abstain
Affect others: No
Departments affected and how:
Affected Chair: Off
Cross listing: No
Articulation: No
Additional Resources: no
Additional Resources required:

Attached: Program Requirements
2013 Copy with Changes Marked

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

<table>
<thead>
<tr>
<th>Requirements for a Bachelor of Science Degree in Computer Science</th>
<th>Sem. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Seminar</td>
<td>1</td>
</tr>
<tr>
<td>General Education Requirements*</td>
<td>44</td>
</tr>
<tr>
<td>Note: Prospective Computer Science Majors should start with MAT 1090 as their first General Education mathematics course. MAT 1070 and MAT 1080 or MAT 2210 may be used in place of MAT 1090</td>
<td></td>
</tr>
<tr>
<td>Major Requirements</td>
<td>48 51</td>
</tr>
<tr>
<td>CSC 1750, 1760, 1850, 2150, 2250, 2260, 2650, 2850, 2920, 3750, 4900;</td>
<td></td>
</tr>
</tbody>
</table>
MAT 2210, 2220, 3150, 3280, 4020

<table>
<thead>
<tr>
<th>Four courses from the following list one of the following areas (at least one must be a 4000-level course):</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Area I:</strong> CSC 3350, 3380, 3650, 3800, 3910, 3920, 3930, 4010, 4020, 4150, 4350, 4360, 4450, 4820, 4970; MAT 3270</td>
<td></td>
</tr>
<tr>
<td><strong>Area II:</strong> CSC 3800, 3910, 3920, 3930, 4010, 4150, 4450, 4810, 4820</td>
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<tr>
<td><strong>Area III:</strong> CSC 4350, 4360, and any two of the following: CSC 3380, 3800, 4020, 4970</td>
<td></td>
</tr>
<tr>
<td>Note: Students planning to attend graduate school in computer science should take CSC 4010, 4150, 4350, and 4450.</td>
<td></td>
</tr>
</tbody>
</table>

| Other electives | 15 12 |

Total: 120

*Computer Science majors must take PHY 1500 or PHY 2000 and one course from Biology, Chemistry, or HON 1510 to satisfy the six hours of Natural Science requirements in General Education.

“Clean” Copy
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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<td>Freshman Seminar</td>
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<td><strong>General Education Requirements</strong>*</td>
<td>44</td>
</tr>
<tr>
<td>Note: Prospective Computer Science Majors should start with MAT 1090 as their first General Education mathematics course. MAT 1070 and MAT 1080 or MAT 2210 may be used in place of MAT 1090.</td>
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<tr>
<td><strong>Major Requirements</strong></td>
<td>51</td>
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<tr>
<td>CSC 1750, 1760, 1850, 2150, 2250, 2260, 2650, 2850, 2920, 3750, 4900; MAT 2210, 2220, 3150, 3280, 4020</td>
<td></td>
</tr>
<tr>
<td>Four courses from the following list (at least one must be a 4000-level course):</td>
<td>12</td>
</tr>
<tr>
<td>CSC 3350, 3380, 3650, 3800, 3910, 3920, 3930, 4010, 4020, 4150, 4350, 4360, 4450, 4820, 4970; MAT 3270</td>
<td></td>
</tr>
<tr>
<td>Note: Students planning to attend graduate school in computer science should take CSC 4010, 4150, 4350, and 4450.</td>
<td></td>
</tr>
<tr>
<td>Other electives</td>
<td>12</td>
</tr>
</tbody>
</table>

Total: 120

*Computer Science majors must take PHY 1500 or PHY 2000 and one course from Biology, Chemistry, or HON 1510 to satisfy the six hours of Natural Science requirements in General Education.

4.3 Program Proposal: Change the Bachelor of Science in Information program to include a core requirement for a reading in the discipline course (MAT 4020), change the advanced course section to have the student select four advanced courses instead of choosing four courses from one of two areas, and add CSC 3380 and 4020 to the course listings of advanced courses. Also, add a note to the catalog description recommending that students take MAT 1070 or MAT 1090 to satisfy the mathematics general education requirement.
Rationale: MAT 4020 is needed to provide a writing in the discipline course with prerequisites consistent with core courses in the major. The advanced course area was changed to provide more flexibility to the students and faculty. CSC 3380 is an advanced web development course that builds on a core course (CSC 1300). MAT 1070 is prerequisite.

Dept vote: 17 for; 0 against; 0 abstain
Affect others: No
Departments affected and how:
Affected Chair: Off
Cross listing: No
Articulation: No
Additional Resources: no
Additional Resources required:

Attached: Program Requirements
2013 Catalog Copy with Changes Marked

**BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**

<table>
<thead>
<tr>
<th>Requirements for a Bachelor of Science Degree in Information Technology</th>
<th>Sem. Hrs.</th>
</tr>
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<tbody>
<tr>
<td>Freshman Seminar</td>
<td>1</td>
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<tr>
<td>General Education Requirements</td>
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<td>Major Core Requirements</td>
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<tr>
<td>CSC 1300, 1750, 1760, 1850, 1900, 2050, 2150, 2250, 2260, 2850, 2920</td>
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</tr>
<tr>
<td>ITC 2060, 2080, 4940; MAT 2100, 2150, <strong>4020</strong></td>
<td></td>
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<tr>
<td>Major Elective Requirements</td>
<td>12</td>
</tr>
<tr>
<td>Four courses from the following list (at least one must be a 4000-level course) one of the following:</td>
<td></td>
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<tr>
<td>Area I: Web, database, system, and networking</td>
<td></td>
</tr>
<tr>
<td>ITC 2700, 3100, 3250, 4100, 4800, 4960; CSC 3800, <strong>3380, 4020</strong></td>
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<tr>
<td>Area II: Applications software development</td>
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</tr>
<tr>
<td>ITC 2700, 3100, 4100, <strong>4200, 4960</strong></td>
<td></td>
</tr>
<tr>
<td>Other electives</td>
<td>13/10</td>
</tr>
<tr>
<td>Total: 120</td>
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</table>

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**BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**

<table>
<thead>
<tr>
<th>Requirements for a Bachelor of Science Degree in Information Technology</th>
<th>Sem. Hrs.</th>
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<tbody>
<tr>
<td>Freshman Seminar</td>
<td>1</td>
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<tr>
<td>General Education Requirements</td>
<td>44</td>
</tr>
<tr>
<td>Note: Prospective Information Technology Majors should start with MAT 1090 or MAT 1070 as their first General Education mathematics course.</td>
<td></td>
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<tr>
<td>Major Core Requirements</td>
<td>53</td>
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<tr>
<td>CSC 1300, 1750, 1760, 1850, 1900, 2050, 2150, 2250, 2260, 2850, 2920, ITC 2060, 2080, 4940, MAT 2100, 2150, <strong>4020</strong></td>
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<tr>
<td>Advanced Courses</td>
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</tr>
<tr>
<td>Four courses from the following list (at least one must be a 4000-level course):</td>
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</table>
2. Add Fourteen Courses to QEP

THE WRITING INTENSIVE PROGRAM

The Writing Intensive Program is an initiative of the UNC Pembroke Quality Enhancement Plan. The goal of the program is to enhance the ability of students to write effectively and appropriately in both general writing and professional writing in their disciplines. The program consists of Writing Enriched courses and Writing in the Discipline courses. Writing Enriched courses are 2000- and 3000-level courses in which writing supplements the coverage of course content. It includes extensive and intensive instruction in writing. Writing in the Discipline courses are 3000- and 4000-level courses that are designed to teach students about the roles and uses of writing in their fields of study. As a requirement for graduation, students must complete nine semester credit hours of Writing Enriched and Writing in the Discipline courses. One course must be a Writing in the Discipline course.

The courses listed below are approved to be offered as Writing Enriched or Writing in the Discipline courses. When these courses appear with the designation WE (Writing Enriched) or WD (Writing in the Discipline) in the title of the course in the course schedule, they can be taken to satisfy the writing intensive graduation requirement. The completion of ENG 1050 is a prerequisite for all Writing Enhanced or Writing in the Discipline courses.

Current Catalog Descriptions for Proposed Courses

ENG 2200/AIS 2200
A survey of literature produced by Native Americans. The course will cover fiction and poetry, and close attention will be paid to historical contexts and themes central to the understanding of Native American literature. Authors may include Momaday, Silko, Hogan, Vizenor, Welch, and Erdrich. Credit, 3 semester hours. PREREQ: “C” grade or better in ENG 1050.

ENG 2990
An introduction to Writing Center theory and practice using readings, classroom discussion, observation, role-playing, and supervised tutoring practice. Credit, 3 semester hours. PREREQ: “C” or better in ENG 1050.

ENG 3440/AIS 3440
A critical study of the Native American Novel from its inception to the present, with emphasis on social, political, and cultural history. Particular attention will be paid to the narrative techniques of these authors with a focus on the relationship between oral traditions and the form of the novel. Credit, 3 semester hours. PREREQ: ENG 3040 or permission of instructor.

ENG 3470/AIS 3470
A critical study of Native American poetry and poetics, with emphasis on social, political, cultural, and Native national histories. Particular attention will be paid to the techniques of these authors with a focus on the relationship between oral traditions and contemporary poetry. Credit, 3 semester hours. PREREQ: ENG 3040 or permission of instructor.

ENG 3650
The study of the relation of rhetorical theory to digital writing and web design, focusing on both written and visual awareness when creating and developing digital writing projects. Credit, 3 semester hours. PREREQ: “C” or better in ENG 1050 and 1060.

ENG 3720
An introduction to genres that influence political ideas, including news media, investigative journalism, activist and think tank websites, blogs, letters to editors or lawmakers, and op-eds. Emphasis on analyzing, evaluating, and producing texts for the public sphere, distinguishing between persuasion and propaganda, and exploring the obligations of civic engagement. Credit, 3 semester hours. PREREQ: “C” or better in ENG 1050 and 1060.

ENG 4210
An introduction to writing grants, including searching for grants, aligning grants with projects, analyzing the rhetoric of grants, conducting research, and producing drafts of grants through collaborative writing, reviewing, and editing. Credit, 3 semester hours. PREREQ: “C” or better in ENG 1050 and 1060.

ENGS 4090
Special Topics in Rhetoric and Composition-Reading and Writing About Nonfiction----Writing Enriched

GGY 3770
An historical and cultural geography of American Indians from the time of European contact. Will focus upon population dynamics, settlement, patterns, economic development, land use, and physical resources. Credit, 3 semester hours.

HLTH 3770
A study of the types and functions of pharmaceutical treatments. Drug addiction is analyzed as a social, psychological, and biological process. Credit, 3 semester hours. PREREQ: SOC 2800 or permission of instructor.

HST 1140
A survey of the birth and diffusion of world civilizations from “pre-history” to 1500, with attention to major cultural, social, economic, and political trends within each civilization. The emergence of European civilization is set within a larger framework of civilizations in Africa, Asia, and Latin America, and interactions between or among civilizations are stressed. Credit, 3 semester hours.

HST 4230
An interdisciplinary study of the historical and contemporary experiences of Indigenous women, focusing on but not limited to Native women in North America. Course will examine
Native women’s community roles and cultural practices prior to and since colonization and will privilege Native women’s perspectives in course texts. Credit, 3 semester hours.

HST 4410
This course examines the constitutional, political, social, and cultural evolution of the British Isles from the Roman occupation to the advent of the Tudor Dynasty (43-1485). Credit, 3 semester hours.

PED 4030
Course will provide an introduction to planning, designing, architecture, budgeting, and construction of both indoor and outdoor facilities for PE, recreation, health, athletic training, gymnasiums, playing fields, etc. Design and construction areas such as aquatics, dance, ball fields, playgrounds, handicap accessibility, etc., will be addressed. Credit, 3 semester hours.