

UNIVERSITY CURRICULUM COMMITTEE AGENDA  
2:00 p.m., Friday, April 7, 2017  
106 Administration, Provost Conference Room

**Note:** If you are unable to attend or will be sending a substitute, please notify [Carole Makela](mailto:Carole.Makela@colostate.edu) (1-5141) or [Curriculum Catalog@colostate.edu](mailto:Curriculum_Catalog@colostate.edu) (1-2429) prior to the meeting.

**MINUTES** – Minutes of March 31, 2017.

**ANNOUNCEMENTS**

1. UCC minutes of 3/3, 3/10, and 3/24 were approved by Faculty Council on 4/4/17. Also approved were the special action items for the MS in Materials Science and Engineering (Plans A and B), the PhD in Materials Science and Engineering, the BA in Women's and Gender Studies, and the PhD in Anthropology.
2. Mike Hogan (Liberal Arts) and Brad Goetz (Agricultural Sciences) were elected to new 3-year terms to UCC with terms ending in 2020 at the FC 4/4 meeting. Other UCC representatives whose terms end in 2017 are Howard Ramsdell (Veterinary Medicine & Biomedical Sciences) and Sally Sutton (Natural Resources).
3. The CoSRGE proposal to edit the Plan B degree requirements in the Graduate Bulletin was approved with the deletion of 2c in the rationale. "~~Plan B programs that have 32 credits and do not require a project would be grandmothers in.~~"
4. The CoSRGE proposal to add Professional Doctorate content to the Graduate Bulletin was approved with the addition of clarifying language for the capstone experience or dissertation for those programs consistent with accreditation.
5. Once a proposal has been fully approved in CIM, FYI emails are sent to the following roles in CIM:
  - **Approved course proposals** – Department chair, college contact person, RO Classroom Scheduling
  - **Approved program proposals** – Proposal initiator, college contact person, Dean of Graduate School (for new graduate programs), RO Statewide Agreement

**CONSENT AGENDA**

See listing after New Business.

**CIM Considerations**

CIM Forms  
CIM Processes  
CIM Help Bubble

**Pending CoSRGE (4/6/17 Agenda)**

**New Program Proposals:**

- [Graduate Certificate in Teaching in Extension](#)
- [Ph.D. in Watershed Science](#)

**Changes to Existing Programs:**

- [Master of Accountancy, Plan C, Taxation Specialization](#)
- [Master of Extension Education, Plan C \(M.E.E.\)](#)
- [Master of Arts in Communication Studies, Plan A](#)

**OTHER BUSINESS**

**1. Discussion Item: UCC Committee Responsibilities and Operating Procedures**

[UCC Committee Responsibilities – Faculty Manual Section C:](#)

k. University Curriculum Committee (last revised June 22, 2006)

The University Curriculum Committee shall consist of one (1) faculty representative from each college and the Libraries, one (1) undergraduate student, one (1) graduate student, and the Provost or his or her designee (ex officio). The duties of this standing committee shall be:

1. To receive or initiate recommendations pertaining to each and every course and program offered for academic credit by any unit of the University.
2. To evaluate all proposals for new undergraduate courses and programs as well as changes in existing courses and programs for correlation with other departments before consideration and approval by the Faculty Council.
3. To evaluate all proposals for new graduate courses and programs as well as changes in existing courses and programs for correlation with other departments. Review of graduate programs is conducted after the Committee on Scholarship, Research, and Graduate Education has recommended approval prior to their submission to the Faculty Council for approval.
4. To develop necessary administrative procedures for informing interested colleges concerning courses under consideration.
5. To evaluate proposals for the establishment of new departments, and the change of academic name, change in college affiliation, dissolution, division, or merger of existing departments.
6. To recommend policies to the Faculty Council related to the operations of the Division of Continuing Education which impact curricula.

[UCC Operating Procedures](#)



**NEW BUSINESS**

<i>New Courses</i>	<i>Effective Term</i>	<i>Notations</i>
<b>COLLEGE OF AGRICULTURAL SCIENCES</b>		
<p><a href="#">ANEQ 303</a> <b>ANEQ 303 Equine Digital Photography 3(2-2-0) F</b></p> <p><b>Prerequisite:</b> ANEQ 102.  <b>Registration Information:</b> Must register for lecture and laboratory. Sophomore standing. Credit not allowed for both ANEQ 303 and ANEQ 380A4.  <b>Description:</b> Basics of photographic principles and DSLR cameras with a focus on equine subjects.  <b>Grade Mode:</b> Traditional.</p> <p><b>Reason for Request:</b> The course was taught Fall 2016 experimentally and was extremely successful and well received by students. Enrollment filled within three hours with many students on a waitlist. Other students are eager to take the class. There is a high demand and great student interest for an equine photography course among undergraduates in Equine Science. Photography is constantly used to help market horses for sale, capture events and report news through various magazines and outlets. There are also many career opportunities available in the industry related to equine photography and marketing. An equine photography class will be an applied course offered to students within the Equine Science major. This class will be a great asset to the program and serves the needs of our students.</p>	Spring 2018	<i>Elective</i>



### ***Program Title Changes – Department of Computer Science***

College of Natural Sciences  
Department of Computer Science  
Major in Computer Science, Computer Science Concentration

Effective Fall 2017

**Reason for Request:** In order to bring the Applied Computing Technology major, Human-Centered Computing concentration under the computer science major (where it is more appropriate), we need to make the main computer science program a concentration.

**Deactivation** of standalone Major in Computer Science: [Link to CIM](#)

- Last term student could graduate with the ‘standalone’ major: **Summer 2017**

‘New’ Major in Computer Science, Computer Science Concentration: [Link to CIM](#)

- No changes proposed to the Program of Study or Major Completion Map – title change only.



College of Natural Sciences  
Department of Computer Science

Effective Fall 2017

Major in Computer Science, ~~Applied Computing Technology~~, Human-Centered Computing Concentration

**Reason for Request:** This program has more in common with the Computer Science major than the other concentrations in the Applied Computing Technology major, and is more appropriately a concentration under computer science rather than ACT. We are merely moving it from one major to another.

**Deactivation** of Major in Applied Computing Technology, Human-Centered Computing Concentration: [Link to CIM](#)

- Last term student could graduate with this major/concentration: **Summer 2017**
- The other two concentrations under this major would remain active:
  - [Major in Applied Computing Technology, Computing Education Concentration](#)
  - [Major in Applied Computing Technology, Computing Technology Concentration](#)

‘New’ Major in Computer Science, Human-Centered Computing Concentration: [Link to CIM](#)

- No changes proposed to the Program of Study or Major Completion Map – title change only.



### ***Major Changes to Existing Programs***

College of Engineering  
Department of Electrical and Computer Engineering  
Major in Electrical Engineering, Lasers and Optical Engineering Concentration

Effective Fall 2017

[Link to CIM](#)

**Reason for Request:** See CIM form.

### **Effective Fall 2017 ~~2016~~**

In order to maintain professional standards required of practicing engineers, the Department of Electrical and Computer Engineering requires a cumulative grade point average of at least 2.000 in Electrical Engineering courses as a graduation requirement. It is the responsibility of any student who fails to maintain a 2.000 average to work with his or her advisor to correct grade point deficiencies. In addition, it is required that students retake any Electrical Engineering course at the 300 level or below in which they receive a grade below a C.

<b>FRESHMAN</b>			
		<b>AUCC</b>	<b>CREDITS</b>
<b><u>CO 150</u></b>	College Composition (GT-CO2)	1A	3
Select one group from the following: <sup>1</sup>			3-4
Group A:			
<b><u>CS 155</u></b>	Introduction to Unix		
<b><u>CS 156</u></b>	Introduction to C Programming I		
<b><u>CS 157</u></b>	Introduction to C Programming II		
Group B:			
<b><u>CS 163</u> or <u>164</u></b>	Java (CS1) No Prior Programming Java (CS1) Prior Programming		
<b><u>ECE 102</u></b>	Digital Circuit Logic		4
<b><u>ECE 103</u></b>	DC Circuit Analysis		3
<b><u>MATH 160</u></b>	Calculus for Physical Scientists I (GT-MA1)	1B	4
<b><u>MATH 161</u></b>	Calculus for Physical Scientists II (GT-MA1)	1B	4
<b><u>PH 141</u></b>	Physics for Scientists and Engineers I (GT-SC1)	3A	5
<b><u>Historical Perspectives</u></b>		3D	3
<b><u>Electives</u></b> <sup>2</sup>		-	<u>3-4</u>
Additional Requirements for Graduation <sup>3,2</sup>			0
<b>Total Credits</b>			<b><u>33</u><del>29-30</del></b>
<b>SOPHOMORE</b>			
<b><u>CHEM 111</u></b>	General Chemistry I (GT-SC2)	3A	4
<b><u>ECE 202</u></b>	Circuit Theory Applications		4
<b><u>ECE 303/STAT 303</u></b>	Introduction to Communications Principles		3
<b><u>ECON 202</u></b>	Principles of Microeconomics (GT-SS1)	3C	3
<b><u>MATH 261</u></b>	Calculus for Physical Scientists III		4
Select one from the following:			4
<b><u>MATH 340</u></b>	Introduction to Ordinary Differential Equations		
<b><u>MATH 345</u></b>	Differential Equations		
<b><u>PH 142</u></b>	Physics for Scientists and Engineers II (GT-SC1)	3A	5
<b><u>PH 314</u></b>	Introduction to Modern Physics		4
Additional Requirements for Graduation <sup>3,2</sup>			0
<b>Total Credits</b>			<b>31</b>
<b>JUNIOR</b>			
Select one from the following:			3
<b><u>CO 301B</u></b>	Writing in the Disciplines: Sciences (GT-CO3)	2	
<b><u>JTC 300</u></b>	Professional and Technical Communication (GT-CO3)	2	
<b><u>ECE 311</u></b>	Linear System Analysis I		3

<u>ECE 331</u>	Electronics Principles I		4
<u>ECE 332</u>	Electronics Principles II	4A	4
<u>ECE 341</u>	Electromagnetic Fields and Devices I		3
<u>ECE 342</u>	Electromagnetic Fields and Devices II		3
<u>PH 353</u>	Optics and Waves		4
<u>Arts and Humanities</u>		3B	3
<u>Global and Cultural Awareness</u>		3E	3
Science/Engineering Elective (see list below)			3
Additional Requirements for Graduation <sup>32</sup>			0
<b>Total Credits</b>			<b>33</b>
<b>SENIOR</b>			
<u>ECE 401</u> <sup>43</sup>	Senior Design Project I	4A,4B	3
<u>ECE 402</u>	Senior Design Project II	4C	3
<u>ECE 404</u>	Experiments in Optical Electronics		2
<u>ECE 441</u>	Optical Electronics		3
<u>ECE 457</u>	Fourier Optics		3
<u>PH 451</u>	Introductory Quantum Mechanics I		3
Technical Electives (see list below)			12
<u>Arts and Humanities</u>		3B	3
Additional Requirements for Graduation <sup>32</sup>			0
<b>Total Credits</b>			<b>32</b>
<b>Program Total Credits:</b>			<b><u>129</u>125-126</b>

**Science/Engineering Electives**

Code	Title	Credits
<u>BC 351</u>	Principles of Biochemistry	4
<u>BIOM 306/BTEC 306</u>	Bioprocess Engineering	4
<u>BMS 300</u>	Principles of Human Physiology	4
<u>BMS 301</u>	Human Gross Anatomy	5
<u>BMS 325</u>	Cellular Neurobiology	3
<u>BMS 345</u>	Functional Neuroanatomy	4
<u>BZ 310</u>	Cell Biology	4
<u>CHEM 112</u>	General Chemistry Lab I (GT-SC1)	1
<u>CHEM 245</u>	Fundamentals of Organic Chemistry	4
<u>CHEM 246</u>	Fundamentals of Organic Chemistry Laboratory	1
<u>CIVE 260</u>	Engineering Mechanics-Statics	3
<u>CS 122/MATH 122</u>	Theory for Introductory Programming	1
<u>CS 155</u>	Introduction to Unix <sup>1</sup>	1

Code	Title	Credits
<a href="#"><u>CS 156</u></a>	Introduction to C Programming I <sup>1</sup>	1
<a href="#"><u>CS 157</u></a>	Introduction to C Programming II <sup>1</sup>	1
<a href="#"><u>CS 161</u></a>	Object-Oriented Problem Solving	4
<a href="#"><u>CS 165</u></a> or <a href="#"><u>CS 200</u></a>	Java (CS2) Data Structures and Algorithms Algorithms and Data Structures	4
<a href="#"><u>CS 220</u></a>	Discrete Structures and their Applications	4
<a href="#"><u>CS 253</u></a>	Software Development with C++	4
<a href="#"><u>CS 370</u></a>	Operating Systems	3
<i>May select any course from the following:</i>		<i>Var.</i>
<a href="#"><u>ECE 395A</u></a>	Independent Study <sup>54</sup>	<a href="#"><u>1-6</u></a>
<a href="#"><u>ECE 395B</u></a>	Independent Study: Open Option Project <sup>54</sup>	<a href="#"><u>1-6</u></a>
<a href="#"><u>ECE 395C</u></a>	Independent Study : Vertically Integrated Project <sup>54</sup>	<a href="#"><u>1-6</u></a>
<a href="#"><u>HES 307</u></a>	Biomechanical Principles of Human Movement	4
<a href="#"><u>LIFE 103</u></a>	Biology of Organisms-Animals and Plants	4
<a href="#"><u>MATH 151</u></a>	Mathematical Algorithms in Matlab I	1
<a href="#"><u>MATH 229</u></a>	Matrices and Linear Equations	2
<a href="#"><u>MATH 332</u></a>	Partial Differential Equations	3
<a href="#"><u>MATH 366</u></a>	Introduction to Abstract Algebra	3
<a href="#"><u>MATH 369</u></a>	Linear Algebra I	3
<a href="#"><u>MECH 237</u></a> or <a href="#"><u>MECH 337</u></a>	Introduction to Thermal Sciences Thermodynamics	3
<a href="#"><u>MECH 303</u></a>	Energy Engineering	3
<a href="#"><u>MIP 300</u></a>	General Microbiology	3
<a href="#"><u>PH 341</u></a>	Mechanics	4
<a href="#"><u>PH 353</u></a>	Optics and Waves	4

### Technical Electives

Code	Title	Credits
<a href="#"><u>BIOM 526/ECE 526</u></a>	Biological Physics	3
<a href="#"><u>BIOM 570/MECH 570</u></a>	Bioengineering	3
<a href="#"><u>ECE 411</u></a>	Control Systems	4
<a href="#"><u>ECE 412</u></a>	Digital Control and Digital Filters	3
<a href="#"><u>ECE 444</u></a>	Antennas and Radiation	3
<a href="#"><u>ECE 450</u></a>	Digital System Design Laboratory	1
<a href="#"><u>ECE 451</u></a>	Digital System Design	3
<a href="#"><u>ECE 461</u></a>	Power Systems	3
<a href="#"><u>ECE 462</u></a>	Power Systems Laboratory	1
<a href="#"><u>ECE 471A</u></a>	Semiconductor Physics	1

Code	Title	Credits
<u>ECE 471B</u>	Semiconductor Junctions	1
<del>May select any course from the following:</del>		<del>Var.</del>
<u>ECE 495A</u>	Independent Study <sup>54</sup>	<u>1-6</u>
<u>ECE 495B</u>	Independent Study: Open Option Project <sup>54</sup>	<u>1-6</u>
<u>ECE 495C</u>	Independent Study: Vertically Integrated Projects <sup>54</sup>	<u>1-6</u>
<u>ECE 503</u>	Ultrafast Optics	3
<u>ECE 504</u>	Physical Optics	3
<u>ECE 505</u>	Nanostructures: Fundamentals and Applications	3
<u>ECE 506</u>	Optical Interferometry and Laser Metrology	3
<u>ECE 507</u>	Plasma Physics and Applications	3
<u>ECE 520</u>	Optimization Methods-Control and Communication	3
<u>ECE 546</u>	Laser Fundamentals and Devices	3
<u>ECE 571</u>	VLSI System Design	3
<u>ECE 572</u>	Semiconductor Transistors	1
<u>ECE 573</u>	Semiconductor Optoelectronics Laboratory	3
<u>ECE 574</u>	Optical Properties in Solids	3
<u>ECE 575</u>	Experiments in VLSI System Design I	1
ECE 58* Experimental Courses in Lasers/Optics Topics		
<u>MATH 419</u>	Introduction to Complex Variables	3
<u>PH 315</u>	Modern Physics Laboratory	2
<u>PH 425</u>	Advanced Physics Laboratory	2
<u>PH 452</u>	Introductory Quantum Mechanics II	3
<u>PH 462</u>	Statistical Physics	3

<sup>1</sup> CS 155, CS 156, and CS 157 count as Science/Engineering electives ONLY when CS 163 or CS 164 is also taken. CS 163 or CS 164 will be applied to the freshman year selection requirement.

<sup>2</sup> Free elective credits can be satisfied by completing courses 100 level or above. Students use up to 4 credits of free electives to reach the required total of 129 program credits

<sup>32</sup> Students are required to participate in the Professional Learning Institute (PLI) program as a requirement for graduation. The program consists of eleven PLI workshops distributed by focus areas as follows: Global and Cultural Diversity (2 workshops), Innovation (2 workshops), Leadership (2 workshops), Civic and Public Engagement (2 workshops), and Ethics (3 workshops). Each workshop is between 1-2 hours long and no outside preparation is required to attend any of the workshops. Attendance at the required workshops may be spread over the student's four-year program.

<sup>43</sup> Project must be a laser and optical engineering topic.

<sup>54</sup> A total 3 credits of Independent Study may apply toward degree requirements. This includes credit awarded for ECE 395A, ECE 395B, ECE 395C and ECE 495A, ECE 495B, ECE 495C combined.



**College of Natural Sciences**  
**Department of Psychology**  
**Major in Psychology, Clinical/Counseling Psychology Concentration**

**Effective Fall 2017**  
[Link to CIM](#)

- Reason for Request:**
- Major changes:
- Change the course requirement in research methods, design, and analysis from a single four-credit course (PSY 250) to a sequence of two three-credit courses (PSY 250 and PSY350). The new courses will provide additional content pertaining to analytical/statistical methods, taught in manner that integrates this analytical content with the coverage of research methods and design in psychology.
  - Given the addition of analytical/statistical content within PSY courses on methods and design, we propose to reduce the STAT requirement from two courses (STAT 311 and STAT 312) to one course (STAT 201, STAT 301, STAT 307, STAT 311, or STAT 315).
- Minor changes:
- Change capstone internship requirement to three credits rather than a variable 1 to 3 credits.
  - Change major's AUCC 3C requirement so that it excludes all PSY courses, not just PSY 100.
  - Change AUCC 4A/B requirements to two lecture-lab pairs rather than three, consistent with the other concentrations.
  - Add PSY 401 to list of psychology courses students can complete for 6 additional upper-division credits in psychology.

Effective ~~Fall 2017~~ ~~Fall 2016~~

Students must have a C or better in each of the following courses: PSY 100, PSY 192, PSY 210, PSY 250, PSY 252, ~~PSY 315, PSY 317~~, PSY 330, PSY 350, PSY 370, PSY 371, and (PSY 454 and PSY 455) or (PSY 458 and PSY 459), and the three lecture-lab pairs in psychology.

<b>FRESHMAN</b>			
		<b>AUCC</b>	<b>CREDITS</b>
<u>CO 150</u>	College Composition (GT-CO2)	1A	3
<u>CS 110</u>	Personal Computing		4
<u>LIFE 102</u>	Attributes of Living Systems (GT-SC1)	3A	4
<u>MATH 117</u>	College Algebra in Context I (GT-MA1)	1B	1
<u>MATH 118</u>	College Algebra in Context II (GT-MA1)	1B	1
<u>MATH 124</u>	Logarithmic and Exponential Functions (GT-MA1)	1B	1
<u>PSY 100</u>	General Psychology (GT-SS3)	3C	3
<u>PSY 192</u>	Psychology First-Year Seminar		1
<del>PSY 252</del>	<del>Mind, Brain, and Behavior</del>	-	<del>3</del>
<u>PSY 210</u>	<u>Psychology of the Individual in Context</u>	-	<u>3</u>
Select one course from the following:			3
<u>PHIL 100</u>	Appreciation of Philosophy (GT-AH3)	3B	
<u>PHIL 110</u>	Logic and Critical Thinking (GT-AH3)	3B	
<u>PHIL 120</u>	History and Philosophy of Scientific Thought (GT-AH3)	3B	
<u>PHIL 205</u>	Introduction to Ethics		
<u>PHIL 210</u>	Introduction to Formal Logic		
<u>Historical Perspectives</u>		3D	3



<u>Social and Behavioral Sciences</u> <sup>1</sup>		3C	3
		<b>Total Credits</b>	<b>30</b>
<b>SOPHOMORE</b>			
<u>CHEM 107</u>	Fundamentals of Chemistry (GT-SC2)	3A	4
<u>CHEM 108</u>	Fundamentals of Chemistry Laboratory (GT-SC1)	3A	1
<u>PSY 210</u>	<del>Psychology of the Individual in Context</del>	-	<del>3</del>
<u>PSY 250</u>	Research Design and Analysis I		<u>3</u> <del>4</del>
<u>PSY 252</u>	<u>Mind, Brain, and Behavior</u>	-	<u>3</u>
<u>PSY 320</u>	Abnormal Psychology		3
<u>SPCM 200</u>	Public Speaking		3
<u>Select one course from the following:</u>		-	<u>3</u>
<u>STAT 201</u>	<u>General Statistics</u>	-	-
<u>STAT 301</u>	<u>Introduction to Statistical Methods</u>	-	-
<u>STAT 307</u>	<u>Introduction to Biostatistics</u>	-	-
<u>STAT 311</u>	<u>Statistics for Behavioral Sciences I</u>	-	-
<u>STAT 315</u>	<u>Statistics for Engineers and Scientists</u>	-	-
<u>Arts and Humanities</u>		3B	6
<u>Global and Cultural Awareness</u>		3E	3
Elective			<u>1</u> <del>3</del>
		<b>Total Credits</b>	<b>30</b>
<b>JUNIOR</b>			
<u>CO 300</u>	Writing Arguments (GT-CO3)	2	3
<u>PSY 310</u>	Basic Counseling Skills		3
<u>PSY 311B</u>	Basic Counseling Skills Laboratory: Non-CACI		2
<u>PSY 330</u>	<u>Clinical and Counseling Psychology</u>	<u>4C</u>	<u>3</u>
<u>PSY 350</u>	<u>Research Design and Analysis II</u>	-	<u>3</u>
<u>PSY 370</u> <sup>2</sup>	Psychological Measurement and Testing	4B	3
<u>PSY 371</u> <sup>2</sup>	Psychological Measurement and Testing Lab	4A	1
<u>Select 6 credits from the following:</u>		-	<u>6</u>
<u>PSY 305</u>	<del>Psychology of Religion</del>	-	-
<u>PSY 325</u>	<del>Psychology of Personality</del>	-	-
<u>PSY 327</u>	<del>Psychology of Women</del>	-	-
<u>PSY 335</u>	<del>Forensic Psychology</del>	-	-
<u>PSY 364</u>	<del>Infectious Diseases and Substance Use</del>	-	-
<u>PSY 437</u>	<del>Psychology of Gender</del>	-	-
<u>PSY 452</u>	<del>Cognitive Psychology</del>	-	-

<b>PSY 460</b>	<b>Child Exceptionality and Psychopathology</b>	-	-
<b>PSY 465</b>	<b>Adolescent Psychology</b>	-	-
<b>PSY 492C<sup>2,3</sup></b>	<b>Seminar: Counseling/Clinical Psychology</b>	-	-
<b>PSY 495C<sup>2,3</sup></b>	<b>Independent Study: Counseling/Clinical Psychology</b>	-	-
<b>PSY 496C<sup>2,3</sup></b>	<b>Group Study: Counseling/Clinical Psychology</b>	-	-
<b>PSY 498C<sup>2,3</sup></b>	<b>Research: Counseling/Clinical Psychology</b>	-	-
<b>PSY 499C<sup>2,3</sup></b>	<b>Thesis: Counseling/Clinical Psychology</b>	-	-
<b>STAT 311</b>	<b>Statistics for Behavioral Sciences I</b>	-	<b>3</b>
<b>STAT 312</b>	<b>Statistics for Behavioral Sciences II</b>	-	<b>3</b>
Electives			<b>126</b>
<b>Total Credits</b>			<b>30</b>
<b>SENIOR</b>			
<b>BMS 300</b>	Principles of Human Physiology		4
<b>PSY 315<sup>2</sup></b>	Social Psychology	4B	3
<b>PSY 317<sup>2</sup></b>	Social Psychology Laboratory	4A	2
<b>PSY 330</b>	<b>Clinical and Counseling Psychology</b>	<b>4C</b>	<b>3</b>
<b>PSY 488<sup>2</sup></b>	Field Placement	4C	3
Select one group of courses from the following: <sup>2</sup>			5
Group A:			
<b>PSY 454</b>	Biological Psychology	4B	
<b>PSY 455</b>	Biological Psychology Laboratory	4A	
Group B:			
<b>PSY 458</b>	Cognitive Neuroscience	4B	
<b>PSY 459</b>	Cognitive Neuroscience Laboratory	4A	
<u>Select six credits from the following: (this list moved from Junior year to Senior year)</u>			<b>6</b>
<b>PSY 305</b>	<u>Psychology of Religion</u>	-	-
<b>PSY 325</b>	<u>Psychology of Personality</u>	-	-
<b>PSY 327</b>	<u>Psychology of Women</u>	-	-
<b>PSY 335</b>	<u>Forensic Psychology</u>	-	-
<b>PSY 364</b>	<u>Infectious Diseases and Substance Use</u>	-	-
<b>PSY 401</b>	History and Systems of Psychology <i>(moved from required course to elective option)</i>		
<b>PSY 437</b>	<u>Psychology of Gender</u>		
<b>PSY 452</b>	<u>Cognitive Psychology</u>		
<b>PSY 460</b>	<u>Child Exceptionality and Psychopathology</u>		
<b>PSY 465</b>	<u>Adolescent Psychology</u>		
<b>PSY 492C<sup>3</sup></b>	<u>Seminar: Counseling/Clinical Psychology</u>		

<a href="#">PSY 495C<sup>3</sup></a>	<a href="#">Independent Study: Counseling/Clinical Psychology</a>
<a href="#">PSY 496C<sup>3</sup></a>	<a href="#">Group Study: Counseling/Clinical Psychology</a>
<a href="#">PSY 498C<sup>3</sup></a>	<a href="#">Research: Counseling/Clinical Psychology</a>
<a href="#">PSY 499C<sup>3</sup></a>	<a href="#">Thesis: Counseling/Clinical Psychology</a>

Electives<sup>4</sup> 7-9

**Total Credits** 30~~28-32~~

**Program Total Credits:** **120**

- 1 Select [any course from the list of courses](#) in category 3C of the AUCC except [HONR 492](#) or any PSY course.
- 2 [Students should select a total of three lecture/lab pairs of courses over the junior and senior years. Two pairs are necessary to satisfy AUCC Cat 4A and 4B requirements. Maximum of 12 credits allowed toward graduation for any combination of PSY 295, PSY 296, PSY 384, PSY 484, PSY 486, PSY 487, PSY 488, PSY 495A-F, PSY 496A-F, PSY 498A-F, PSY 499A-F.](#)
- 3 Students may substitute other subtopics with department approval.
- 4 Select enough elective credits to bring the program to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level). [Maximum of 12 credits allowed toward graduation for any combination of PSY 295, PSY 296, PSY 384, PSY 484, PSY 486, PSY 487, PSY 488, PSY 495A-F, PSY 496A-F, PSY 498A-F, PSY 499A-F.](#)



**College of Natural Sciences  
 Department of Psychology  
 Major in Psychology, General Psychology Concentration**

**Effective Fall 2017**  
[Link to CIM](#)

**Reason for Request:** Major changes:

- Change the course requirement in research methods, design, and analysis from a single four-credit course (PSY 250) to a sequence of two three-credit courses (PSY 250 and PSY350). The new courses will provide additional content pertaining to analytical/statistical methods, taught in manner that integrates this analytical content with the coverage of research methods and design in psychology.
- Given the addition of analytical/statistical content within PSY courses on methods and design, we propose to reduce the STAT requirement from two courses (STAT 311 and STAT 312) to one course (STAT 201, STAT 301, STAT 307, STAT 311, or STAT 315).
- Change the capstone requirement from PSY 401 History and Systems to a new capstone seminar, PSY 493, that provides greater opportunity for integration and reflection, and is therefore more suitable for a capstone experience.

Minor changes:  
 - Change major's AUCC 3C requirement so that it excludes all PSY courses, not just PSY 100.

Effective [Fall 2017](#) ~~Fall 2015~~

Students must have a C or better in each of the following: PSY 100; [PSY 192](#); PSY 210; PSY 250; PSY 252; [PSY 350](#); ~~PSY 401~~; [PSY 493](#), and the three lecture-lab pairings in psychology.

<b>FRESHMAN</b>		<b>AUCC</b>	<b>CREDITS</b>
<a href="#">CO 150</a>	College Composition (GT-CO2)	1A	3
<a href="#">CS 110</a>	Personal Computing		4

<b><u>LIFE 102</u></b>	Attributes of Living Systems (GT-SC1)	3A	4
<b><u>MATH 117</u></b>	College Algebra in Context I (GT-MA1)	1B	1
<b><u>MATH 118</u></b>	College Algebra in Context II (GT-MA1)	1B	1
<b><u>MATH 124</u></b>	Logarithmic and Exponential Functions (GT-MA1)	1B	1
<b><u>PSY 100</u></b>	General Psychology (GT-SS3)	3C	3
<b><u>PSY 192</u></b>	Psychology First-Year Seminar		1
<b><u>PSY 252</u></b>	<del>Mind, Brain, and Behavior</del>	-	<del>3</del>
<b><u>PSY 210</u></b>	<u>Psychology of the Individual in Context</u>	-	<u>3</u>
Select one course from the following:			3
<b><u>PHIL 100</u></b>	Appreciation of Philosophy (GT-AH3)	3B	
<b><u>PHIL 110</u></b>	Logic and Critical Thinking (GT-AH3)	3B	
<b><u>PHIL 120</u></b>	History and Philosophy of Scientific Thought (GT-AH3)	3B	
<b><u>PHIL 205</u></b>	Introduction to Ethics		
<b><u>PHIL 210</u></b>	Introduction to Formal Logic		
<b><u>Historical Perspectives</u></b>		3D	3
<b><u>Social and Behavioral Sciences</u><sup>1</sup></b>		3C	3
<b>Total Credits</b>			<b>30</b>
<b>SOPHOMORE</b>			
<b><u>CHEM 107</u></b>	Fundamentals of Chemistry (GT-SC2)	3A	4
<b><u>CHEM 108</u></b>	Fundamentals of Chemistry Laboratory (GT-SC1)	3A	1
<b><u>PSY 210</u></b>	<del>Psychology of the Individual in Context</del>	-	<del>3</del>
<b><u>PSY 250</u></b>	Research Design and Analysis I		<u>3</u> <del>4</del>
<b><u>PSY 252</u></b>	<u>Mind, Brain, and Behavior</u>	-	<u>3</u>
<b><u>SPCM 200</u></b>	Public Speaking		3
Select one:			3
<b><u>STAT 201</u></b>	General Statistics		
<b><u>STAT 301</u></b>	Introduction to Statistical Methods		
<b><u>STAT 307</u></b>	Introduction to Biostatistics		
<b><u>STAT 311</u></b>	Statistics for Behavioral Sciences I		
<b><u>STAT 315</u></b>	Statistics for Engineers and Scientists		
<b><u>Arts and Humanities</u></b>		3B	6
<b><u>Global and Cultural Awareness</u></b>		3E	3
Electives			<u>4</u> <del>6</del>
<b>Total Credits</b>			<b>30</b>
<b>JUNIOR</b>			
<b><u>CO 300</u></b>	Writing Arguments (GT-CO3)	2	3
<b><u>PSY 350</u></b>	<u>Research Design and Analysis II</u>	-	<u>3</u>

Select one pair of courses from the following: <sup>2</sup>			4-5
Group A:			
<u>PSY 315</u>	Social Psychology	4B	
<u>PSY 317</u>	Social Psychology Laboratory	4A	
Group B:			
<u>PSY 340</u>	Organizational Psychology	4B	
<u>PSY 341</u>	Organizational Psychology Laboratory	4A	
Group C:			
<u>PSY 370</u>	Psychological Measurement and Testing	4B	
<u>PSY 371</u>	Psychological Measurement and Testing Lab	4A	
Group D:			
<u>PSY 440</u>	Industrial Psychology	4B	
<u>PSY 441</u>	Industrial Psychology Laboratory	4A	
Group E:			
<u>PSY 452</u>	Cognitive Psychology	4B	
<u>PSY 453</u>	Cognitive Psychology Laboratory	4A	
Group F:			
<u>PSY 454</u>	Biological Psychology	4B	
<u>PSY 455</u>	Biological Psychology Laboratory	4A	
Group G:			
<u>PSY 456</u>	Sensation and Perception	4B	
<u>PSY 457</u>	Sensation and Perception Laboratory	4A	
Group H:			
<u>PSY 458</u>	Cognitive Neuroscience	4B	
<u>PSY 459</u>	Cognitive Neuroscience Laboratory	4A	
<del>STAT 311</del>	<del>Statistics for Behavioral Sciences I</del>	-	<del>3</del>
<del>STAT 312</del>	<del>Statistics for Behavioral Sciences II</del>	-	<del>3</del>
Upper-Division Psychology			6 <del>3</del>
Electives			13-14
<b>Total Credits</b>			<b>30</b>
<b>SENIOR</b>			
<u>BMS 300</u>	Principles of Human Physiology		4
<u>PSY 493</u>	<u>Capstone Seminar</u>	4C	3
<u>PSY 401</u>	<u>History and Systems of Psychology</u>	4C	3

Select two pairs of courses from the following not taken in the junior year: <sup>2</sup>			8-10
Group A:			
<u>PSY 315</u>	Social Psychology	4B	
<u>PSY 317</u>	Social Psychology Laboratory	4A	
Group B:			
<u>PSY 340</u>	Organizational Psychology	4B	
<u>PSY 341</u>	Organizational Psychology Laboratory	4A	
Group C:			
<u>PSY 370</u>	Psychological Measurement and Testing	4B	
<u>PSY 371</u>	Psychological Measurement and Testing Lab	4A	
Group D:			
<u>PSY 440</u>	Industrial Psychology	4B	
<u>PSY 441</u>	Industrial Psychology Laboratory	4A	
Group E:			
<u>PSY 452</u>	Cognitive Psychology	4B	
<u>PSY 453</u>	Cognitive Psychology Laboratory	4A	
Group F:			
<u>PSY 454</u>	Biological Psychology	4B	
<u>PSY 455</u>	Biological Psychology Laboratory	4A	
Group G:			
<u>PSY 456</u>	Sensation and Perception	4B	
<u>PSY 457</u>	Sensation and Perception Laboratory	4A	
Group H:			
<u>PSY 458</u>	Cognitive Neuroscience	4B	
<u>PSY 459</u>	Cognitive Neuroscience Laboratory	4A	
<u>Upper Division Psychology</u>		-	3
Electives <sup>3</sup>			<del>13-15</del> 12
<b>Total Credits</b>			<b>30</b>

**Program Total Credits: 120**

<sup>1</sup> Select any course in category 3C of the AUCC except HONR 492 or any PSY course.

<sup>2</sup> Students should select a total of three lecture/lab pairs of courses over the junior and senior years. Two pairs are necessary to satisfy AUCC Cat 4A and 4B requirements.

<sup>3</sup> Select enough elective credits to bring the program to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level). Maximum of 12 credits allowed toward graduation for any combination of PSY 295, PSY 296, PSY 384, PSY 484, PSY 486, PSY 487, PSY 488, PSY 495A-F, PSY 496A-F, PSY498A-F, PSY 499A-F.



**College of Natural Sciences**  
**Department of Psychology**  
**Major in Psychology, Industrial/Organizational Concentration**

**Effective Fall 2017**  
[Link to CIM](#)

**Reason for Request:** Major changes:  
 - Change the course requirement in research methods, design, and analysis from a single four-credit course (PSY 250) to a sequence of two three-credit courses (PSY 250 and PSY350). The new courses will provide additional content pertaining to analytical/statistical methods, taught in manner that integrates this analytical content with the coverage of research methods and design in psychology.  
 - Given the addition of analytical/statistical content within PSY courses on methods and design, we propose to reduce the STAT requirement from two courses (STAT 311 and STAT 312) to one course (STAT 201, STAT 301, STAT 307, STAT 311, or STAT 315).  
 - Change the capstone requirement from PSY 401 History and Systems to a new capstone seminar, PSY 493, that provides greater opportunity for integration and reflection, and is therefore more suitable for a capstone experience. For students in the I/O concentration, this capstone seminar also replaces one of the required PSY 492D seminars. UCC approved 4C designation for PSY 493 for this concentration on 1/20/17.

Minor changes:  
 - Change major's AUCC 3C requirement so that it excludes all PSY courses, not just PSY 100.

Effective [Fall 2017](#) ~~Fall 2015~~

Students must have a C or better in each of the following: PSY 100, [PSY 192](#), PSY 210, PSY 250, PSY 252, [PSY 350](#), ~~PSY 401~~; [PSY 493](#), and the three lecture-lab pairings in psychology.

<b>FRESHMAN</b>			
		<b>AUCC</b>	<b>CREDITS</b>
<a href="#"><u>CO 150</u></a>	College Composition (GT-CO2)	1A	3
<a href="#"><u>CS 110</u></a>	Personal Computing		4
<a href="#"><u>LIFE 102</u></a>	Attributes of Living Systems (GT-SC1)	3A	4
<a href="#"><u>MATH 117</u></a>	College Algebra in Context I (GT-MA1)	1B	1
<a href="#"><u>MATH 118</u></a>	College Algebra in Context II (GT-MA1)	1B	1
<a href="#"><u>MATH 124</u></a>	Logarithmic and Exponential Functions (GT-MA1)	1B	1
<a href="#"><u>PSY 100</u></a>	General Psychology (GT-SS3)	3C	3
<a href="#"><u>PSY 192</u></a>	Psychology First-Year Seminar		1
<del><a href="#"><u>PSY 252</u></a></del>	<del>Mind, Brain, and Behavior</del>	-	<del>3</del>
<a href="#"><u>PSY 210</u></a>	<a href="#">Psychology of the Individual in Context</a>	-	<a href="#">3</a>

Select one course from the following:			3
<a href="#"><u>PHIL 100</u></a>	Appreciation of Philosophy (GT-AH3)	3B	
<a href="#"><u>PHIL 110</u></a>	Logic and Critical Thinking (GT-AH3)	3B	
<a href="#"><u>PHIL 120</u></a>	History and Philosophy of Scientific Thought (GT-AH3)	3B	
<a href="#"><u>PHIL 205</u></a>	Introduction to Ethics		
<a href="#"><u>PHIL 210</u></a>	Introduction to Formal Logic		

<u>Social and Behavioral Sciences</u> <sup>1</sup>			3
<b>Total Credits</b>			<b>30</b>
<b>SOPHOMORE</b>			
<u>CHEM 107</u>	Fundamentals of Chemistry (GT-SC2)	3A	4
<u>CHEM 108</u>	Fundamentals of Chemistry Laboratory (GT-SC1)	3A	1
<del>PSY 210</del>	<del>Psychology of the Individual in Context</del>	-	<del>3</del>
<u>PSY 250</u>	Research Design and Analysis I		<u>3</u> <del>4</del>
<u>PSY 252</u>	<u>Mind, Brain, and Behavior</u>	-	<u>3</u>
<u>PSY 292A</u>	Seminar: Industrial/Organizational		1
<u>Select one course from the following:</u>		-	<u>3</u>
<u>STAT 201</u>	<u>General Statistics</u>	-	-
<u>STAT 301</u>	<u>Introduction to Statistical Methods</u>	-	-
<u>STAT 307</u>	<u>Introduction to Biostatistics</u>	-	-
<u>STAT 311</u>	Statistics for Behavioral Sciences I ( <i>moved from being a required course to elective list</i> )		
<u>STAT 315</u>	<u>Statistics for Engineers and Scientists</u>	-	-
<u>Arts and Humanities</u>		3B	6
<u>Global and Cultural Awareness</u>		3E	3
Electives			<u>6</u> <del>5</del>
<b>Total Credits</b>			<b>30</b>
<b>JUNIOR</b>			
<u>CO 300</u>	Writing Arguments (GT-CO3)	2	3
<del>Select three credits from the following:</del>		-	<del>3</del>
<del>PSY 310</del>	<del>Basic Counseling Skills</del>	-	-
<del>PSY 315</del>	<del>Social Psychology</del>	-	-
<del>PSY 325</del>	<del>Psychology of Personality</del>	-	-
<del>PSY 452</del>	<del>Cognitive Psychology</del>	-	-
<del>PSY 492D</del> <sup>2</sup>	<del>Seminar: Industrial/Organizational Psychology</del>	-	-
<del>PSY 495D</del> <sup>3</sup>	<del>Independent Study: Industrial/Organizational Psychology</del>	-	-
<del>PSY 496D</del> <sup>3</sup>	<del>Group Study: Industrial/Organizational Psychology</del>	-	-
<del>PSY 498D</del> <sup>3</sup>	<del>Research: Industrial/Organizational Psychology</del>	-	-
<del>PSY 499D</del> <sup>3</sup>	<del>Thesis: Industrial/Organizational Psychology</del>	-	-
<u>PSY 340</u> <sup>2</sup>	Organizational Psychology	4B	3
<u>PSY 341</u> <sup>2</sup>	Organizational Psychology Laboratory	4A	1
<u>PSY 350</u>	<u>Research Design and Analysis II</u>	-	<u>3</u>
<u>PSY 370</u> <sup>2</sup>	<u>Psychological Measurement and Testing</u>	4B	<u>3</u>



<u>PSY 371</u> <sup>2</sup>	<u>Psychological Measurement and Testing Lab</u>	4A	<u>1</u>
<u>PSY 440</u> <sup>2</sup>	Industrial Psychology	4B	3
<u>PSY 441</u> <sup>2</sup>	Industrial Psychology Laboratory	4A	1
<u>PSY 492D</u> <sup>2</sup>	<del>Seminar: Industrial/Organizational Psychology</del>	-	<del>3</del>
<u>SPCM 200</u>	Public Speaking		3
<u>STAT 312</u>	Statistics for Behavioral Sciences II		3
Electives			<u>9</u> <del>7</del>
<b>Total Credits</b>			<b>30</b>
<b>SENIOR</b>			
<u>BMS 300</u>	Principles of Human Physiology		4
<del>Select 3 credits from the following not taken in the junior year:</del>		-	<del>3</del>
<u>PSY 492D</u> <sup>3,2</sup>	Seminar: Industrial/Organizational Psychology		3
<u>PSY 493</u>	<u>Capstone Seminar</u>	<u>4C</u>	<u>3</u>
<i>(UCC approved 4C designation for PSY 493 for this concentration 1/20/17)</i>			
<u>Select 6 credits from the following:</u>		-	<u>6</u>
<u>PSY 310</u>	Basic Counseling Skills		
<u>PSY 315</u>	Social Psychology		
<u>PSY 325</u>	Psychology of Personality		
<u>PSY 452</u>	Cognitive Psychology		
<u>PSY 492D</u> <sup>3,2</sup>	Seminar: Industrial/Organizational Psychology		
<u>PSY 495D</u> <sup>3</sup>	Independent Study: Industrial/Organizational Psychology		
<u>PSY 496D</u> <sup>3</sup>	Group Study: Industrial/Organizational Psychology		
<u>PSY 498D</u> <sup>3</sup>	Research: Industrial/Organizational Psychology		
<u>PSY 499D</u> <sup>3</sup>	Thesis: Industrial/Organizational Psychology		
<del>PSY 370</del>	<del>Psychological Measurement and Testing</del>	<del>4B</del>	<del>3</del>
<del>PSY 371</del>	<del>Psychological Measurement and Testing Lab</del>	<del>4A</del>	<del>1</del>
<del>PSY 401</del>	<del>History and Systems of Psychology</del>	<del>4C</del>	<del>3</del>
Electives <sup>4</sup>			<u>14</u> <del>13</del>
<b>Total Credits</b>			<b>30</b>
<b>Program Total Credits:</b>			<b>120</b>

<sup>1</sup> Select any course in category 3C of the AUCC except HONR 492 or any PSY course.

<sup>2</sup> Students should select a total of three lecture/lab pairs of courses. Two pairs are necessary to satisfy AUCC Cat 4A and 4B requirements.

<sup>3,2</sup> Students must complete at least one ~~two~~ 3-credit Industrial/Organizational Psychology seminars, PSY 492D. Content changes from semester to semester and the course may be taken for credit multiple times.

- 3 ~~Maximum of 12 credits allowed for Psychology majors toward graduation for any combination of PSY 295, PSY 296, PSY 384, PSY 486, PSY 488, PSY 495D, PSY 496D, PSY 498D, PSY 499D.~~
- 4 Select enough elective credits to bring the program to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level). Maximum of 12 credits allowed for Psychology majors toward graduation for any combination of PSY 295, PSY 296, PSY 384, PSY 486, PSY 488, PSY 495D, PSY 496D, PSY 498D, PSY 499D.



**College of Natural Sciences**  
**Department of Psychology**  
**Major in Psychology, Mind, Brain, and Behavior Concentration**

**Effective Fall 2017**  
[Link to CIM](#)

- Reason for Request:** Major changes:
- Change the course requirement in research methods, design, and analysis from a single four-credit course (PSY 250) to a sequence of two three-credit courses (PSY 250 and PSY350). The new courses will provide additional content pertaining to analytical/statistical methods, taught in manner that integrates this analytical content with the coverage of research methods and design in psychology.
  - Given the addition of analytical/statistical content within PSY courses on methods and design, we propose to reduce the STAT requirement from two courses (STAT 311 and STAT 312) to one course (STAT 201, STAT 301, STAT 307, STAT 311, or STAT 315).
  - Change the capstone requirement from PSY 401 History and Systems to a new capstone seminar, PSY 493, that provides greater opportunity for integration and reflection, and is therefore more suitable for a capstone experience. UCC approved 4C designation for PSY 493 for this concentration on 1/20/17.
  - Change the requirement of [MATH 125 + Math 126 + 3 credit quantitative elective] to 5 credits from a list of MATH and STAT courses. The intent here is to give students more flexibility, rather than require all of them to take the Trigonometry courses, because other courses may be useful depending on a student's interests/goals.
- Minor changes:
- Change major's AUCC 3C requirement so that it excludes all PSY courses, not just PSY 100.

Effective Fall 2017 ~~Fall 2015~~

Students must have a C or better in each of the following: PSY 100; PSY 192; PSY 210; PSY 250; PSY 252; PSY 350; ~~PSY 401~~; PSY 493, and the three lecture-lab pairings in psychology.

FRESHMAN			
		AUCC	CREDITS
<u>CO 150</u>	College Composition (GT-CO2)	1A	3
<u>CS 110</u>	Personal Computing		4
<u>LIFE 102</u>	Attributes of Living Systems (GT-SC1)	3A	4
<u>MATH 117</u>	College Algebra in Context I (GT-MA1)	1B	1
<u>MATH 118</u>	College Algebra in Context II (GT-MA1)	1B	1
<u>MATH 124</u>	Logarithmic and Exponential Functions (GT-MA1)	1B	1
<u>PSY 100</u>	General Psychology (GT-SS3)	3C	3
<u>PSY 192</u>	Psychology First-Year Seminar		1
<u>PSY 252</u>	Mind, Brain, and Behavior		3

Select one course from the following:			3
<u>PHIL 100</u>	Appreciation of Philosophy (GT-AH3)	3B	-
<u>PHIL 110</u>	Logic and Critical Thinking (GT-AH3)	3B	
<u>PHIL 120</u>	History and Philosophy of Scientific Thought (GT-AH3)	3B	
<u>PHIL 205</u>	Introduction to Ethics		
<u>PHIL 210</u>	Introduction to Formal Logic		
<u>Historical Perspectives</u>		3D	3
<u>Social and Behavioral Sciences</u> <sup>1</sup>		3C	3
<b>Total Credits</b>			<b>30</b>
<b>SOPHOMORE</b>			
<u>CHEM 107</u>	Fundamentals of Chemistry (GT-SC2)	3A	4
<u>CHEM 108</u>	Fundamentals of Chemistry Laboratory (GT-SC1)	3A	1
<del><u>MATH 125</u></del>	<del>Numerical Trigonometry (GT-MA1)</del>	<del>4B</del>	<del>4</del>
<del><u>MATH 126</u></del>	<del>Analytic Trigonometry (GT-MA1)</del>	<del>4B</del>	<del>4</del>
<u>PSY 210</u>	Psychology of the Individual in Context		3
<u>PSY 250</u>	Research Design and Analysis I		3
<u>PSY 292B</u>	Seminar: Mind, Brain Behavior		1
<u>SPCM 200</u>	Public Speaking		3
<u>Select one course from the following:</u>			<u>3</u>
<u>STAT 201</u>	<u>General Statistics</u>	-	-
<u>STAT 301</u>	<u>Introduction to Statistical Methods</u>	-	-
<u>STAT 307</u>	<u>Introduction to Biostatistics</u>	-	-
<u>STAT 311</u>	<u>Statistics for Behavioral Sciences I</u>	-	-
<u>STAT 315</u>	<u>Statistics for Engineers and Scientists</u>	-	-
<u>Arts and Humanities</u>		3B	6
<u>Global and Cultural Awareness</u>		3E	3
Electives			3
<b>Total Credits</b>			<b>30</b>
<b>JUNIOR</b>			
<u>BMS 300</u>	Principles of Human Physiology		4
<u>CO 300</u>	Writing Arguments (GT-CO3)	2	3
<u>PSY 350</u>	<u>Research Design and Analysis II</u>	-	<u>3</u>
<u>PSY 352</u>	Learning and Memory		3

Select one pair of courses from the following: <sup>2</sup>				5
Group A:				
<u>PSY 452</u>	Cognitive Psychology	4B		
<u>PSY 453</u>	Cognitive Psychology Laboratory	4A		
Group B:				
<u>PSY 454</u>	Biological Psychology	4B		
<u>PSY 455</u>	Biological Psychology Laboratory	4A		
Group C:				
<u>PSY 456</u>	Sensation and Perception	4B		
<u>PSY 457</u>	Sensation and Perception Laboratory	4A		
Group D:				
<u>PSY 458</u>	Cognitive Neuroscience	4B		
<u>PSY 459</u>	Cognitive Neuroscience Laboratory	4A		
<u>STAT 311</u>	Statistics for Behavioral Sciences I	-		3
<u>STAT 312</u>	Statistics for Behavioral Sciences II	-		3
Upper Division Psychology		-		3
Select at least five credits from the following:				<u>5</u>
<u>MATH 125</u>	Numerical Trigonometry (GT-MA1)	1B	-	
<u>MATH 126</u>	Analytic Trigonometry (GT-MA1)	1B	-	
<u>MATH 141</u>	Calculus in Management Sciences (GT-MA1)	1B	-	
<u>MATH 155</u>	Calculus for Biological Scientists I (GT-MA1)	1B	-	
<u>MATH 157</u>	One Year Calculus IA (GT-MA1)	1B	-	
<u>MATH 160</u>	Calculus for Physical Scientists I (GT-MA1)	1B	-	
<u>STAT 305</u>	Sampling Techniques	-	-	
<u>STAT 341</u>	Statistical Data Analysis I	-	-	
<u>STAT 342</u>	Statistical Data Analysis II	-	-	
Electives				<u>7</u> 6
<b>Total Credits</b>				<b>30</b>
<b>SENIOR</b>				
<u>PSY 493</u>	Capstone Seminar	4C		<u>3</u>
<i>(UCC approved 4C designation for PSY 493 for this concentration 1/20/17)</i>				
<u>PSY 401</u>	History and Systems of Psychology	4C		3
Select one course from the following:				3-5
<u>BMS 301</u>	Human Gross Anatomy			
<u>BMS 325</u>	Cellular Neurobiology			
<u>BMS 330</u>	Microscopic Anatomy			

<b><u>BMS 345</u></b>	Functional Neuroanatomy		
<b><u>BMS 430</u></b>	Endocrinology		
<b><u>BMS 450</u></b>	Pharmacology		
Select two pairs of courses not taken in junior year from the following: <sup>2</sup>			10
Group A:			
<b><u>PSY 452</u></b>	Cognitive Psychology	4B	
<b><u>PSY 453</u></b>	Cognitive Psychology Laboratory	4A	
Group B:			
<b><u>PSY 454</u></b>	Biological Psychology	4B	
<b><u>PSY 455</u></b>	Biological Psychology Laboratory	4A	
Group C:			
<b><u>PSY 456</u></b>	Sensation and Perception	4B	
<b><u>PSY 457</u></b>	Sensation and Perception Laboratory	4A	
Group D:			
<b><u>PSY 458</u></b>	Cognitive Neuroscience	4B	
<b><u>PSY 459</u></b>	Cognitive Neuroscience Laboratory	4A	
<b>Quantitative Elective<sup>3</sup></b>		-	<del>3-4</del>
Electives <sup>4</sup>			<del>12-14</del> 8-11
<b>Total Credits</b>			<b>30</b>
<b>Program Total Credits:</b>			<b>120</b>

<sup>1</sup> Select any course in category 3C of the AUCC except **HONR 492** or any PSY course.

<sup>2</sup> Students should select a total of three lecture/lab pairs of courses over the junior and senior years. Two pairs are necessary to satisfy AUCC Cat 4A and 4B requirements.

<sup>3</sup> ~~Take one additional mathematics or statistics course excluding MATH 101, MATH 105, MATH 192, STAT 192, STAT 201, and STAT 204. The honors course PSY 350 will count for this elective.~~

<sup>34</sup> Select enough elective credits to bring the program to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level). Maximum of 12 credits allowed toward graduation for any combination of PSY 295, PSY 296, PSY 384, PSY 484, PSY 486, PSY 487, PSY 488, PSY 495A-F, PSY 496A-F, PSY 498A-F, PSY 499A-F.



University Curriculum Committee  
 April 7, 2017  
**CONSENT AGENDA**

<b>Experimental Courses – 1<sup>st</sup> Offering</b>			
	<b>Course Title</b>		<b>Effective Term</b>
<a href="#">ART 380A4</a>	Physical Mixed-Media and Post-Digital Prints		Summer 2017
<a href="#">ATS 681A3</a>	Introduction to Climate Variability		Fall 2017
<a href="#">CHEM 380A3</a>	Forensic Chemistry		Fall 2017
<a href="#">ETST 280A2</a>	Racial Representations of Black Athletes		Fall 2017
<a href="#">LSPA 480A1</a>	The Intercultural Workplace		Summer 2017
<a href="#">MECH 681A4</a>	Biologically Inspired Robotics		Fall 2017
<a href="#">SOCR 581A3</a>	Internet-of-Thing (IoT) Sensors Lab		Fall 2017
<b>Experimental Courses – 2<sup>nd</sup> Offering (For Informational Purposes Only)</b>			
	<b>Course Title</b>		<b>Effective Term</b>
<a href="#">ANEQ 380A4</a>	Equine Digital Photography		Fall 2017
<a href="#">NSCI 180A2</a>	Perspectives and Communication in Science		Fall 2017
<a href="#">NSCI 181A1</a>	College of Natural Sciences Career Seminar		Fall 2017
<b>Minor Changes to Courses</b>			
	<b>Course Title</b>	<b>Requested Change</b>	<b>Effective Term</b>
<a href="#">ECE 656</a>	Machine Learning and Adaptive Systems	<b>Offering Year:</b> <del>Every</del> <b>Even</b> <b>Offering Term:</b> <del>Fall</del> <b>Spring</b>	Spring 2018
<a href="#">ECE 658</a>	Internet Engineering	<b>Offering Term:</b> <del>Fall</del> <b>Spring</b>	Spring 2018
<b>Course Drops</b>			
	<b>Course Title</b>	<b>Requested Change</b>	<b>Effective Term</b>
<a href="#">HES 100D</a>	Beginning Physical Education: Self-Defense	Drop	Summer 2017
<a href="#">HES 100E</a>	Beginning Physical Education: Tennis	Drop	Summer 2017
<a href="#">HES 100K</a>	Beginning Physical Education: Swimming	Drop	Summer 2017
<a href="#">HES 100L</a>	Beginning Physical Education: Golf	Drop	Summer 2017
<a href="#">HES 100P</a>	Beginning Physical Education: Ice Skating	Drop	Summer 2017
<a href="#">HES 102A</a>	Physical Education Activities: Aquatic Conditioning	Drop	Summer 2017
<a href="#">HES 102D</a>	Physical Education Activities: Advanced Swimming	Drop	Summer 2017
<a href="#">HES 332F</a>	Techniques of Teaching Individual Sports: Weight Training	Drop	Summer 2017
<a href="#">HES 332H</a>	Techniques of Teaching Individual Sports: Aerobics	Drop	Summer 2017

