

NAME \_\_\_\_\_ ID \_\_\_\_\_

<u>Franklin College Requirements</u>		<u>Regents/ University of Georgia Requirements</u>		
Language 1, 2, 3 _____	Biological Science _____	US/Georgia Constitution Requirement _____		
FA/PHY/REL 1 _____	Physical Science _____	US/Georgia History Requirement _____		EMAIL _____
FA/PHY/REL 2 _____	Literature _____	Environmental Literacy Requirement _____		
Social Science 1 _____	History _____	Cultural Diversity _____		EXPECTED GRADUATION DATE _____
Social Science 2 _____	Multicultural _____	PEDB _____		

## Neuroscience Concentration in the Biology Major

**MAJOR REQUIREMENTS:** A baccalaureate degree program must require at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Students in the Franklin College must earn a grade of "C" (2.0) or better in major courses.

<b>Required Courses</b> (36 hours) A minimum grade of "C" (2.0) is required.
<input type="checkbox"/> BIOL 1108 and BIOL 1108L (4 hrs) <input type="checkbox"/> BCMB 3100 - (4 hrs) - Intro Biochemistry and Molecular Biology <b>or</b> BCMB 4020 - (3 hrs) - Biochemistry and Molecular Biology II <input type="checkbox"/> GENE 3200 – (4 hrs) - Genetics <input type="checkbox"/> CBIO 3600 – (4 hrs) - Developmental Biology <b>or</b> CBIO 3400 – (4 hrs) - Cell Biology <input type="checkbox"/> ECOL3500/L (4 hrs) – Ecology <b>or</b> ECOL 3505H/L (4 hrs) - Ecology Honors <b>or</b> GENE 3000 (4 hrs) - Evolutionary Biology <b>or</b> GENE 3080H Honors Evolutionary Biology <b>or</b> PBIO 3650/L – Plant Ecology

<b>Organismal Biology</b> A minimum grade of "C" (2.0) is required.
Organismal _____
<i>Choose one course from the following: (3-4 hours)</i>
BIOL(WILD) 3700 – (3 hrs) – Animal Behavior CBIO 3000/L – (4 hrs) – Comparative Vertebrate Anatomy CBIO 3010/L – (4 hrs) – Gross Anatomy ENTO 4450 - (3 hrs) – Insect Behavior PSYC 5750 – (3 hrs) – Principles of Primate Phylogeny

<b>Laboratory</b> A minimum grade of "C" (2.0) is required.
Laboratory _____
<i>Choose one course from the following: (3-5 hours)</i>
BIOL 3110L – (4 hrs) - Basic Skills in the Laboratory BIOL 3710L – (3 hrs) - Animal Behavior Laboratory BIOL 3720L – (3 hrs) – Field Animal Behavior BIOL 4960 or BIOL 4960H – (4 hrs) – Undergrad Research CBIO(BIOL) 3410L–(4 hrs)-Lab in Cellular & Developmental Biology GENE(BIOL) 3210L – (3 hrs) – Experimental Genetics GENE(BIOL) 4210L – (4 hrs) – Molecular Genetics Lab

<b>Biology Major Electives (9 hours)</b> – A minimum grade of "C" (2.0) is required.		
<b>Required:</b> <input type="checkbox"/> CBIO(BIOL) 3800 – (4 hrs) – Neurobiology		
<b>Choose one of the following:</b> _____		
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">           PSYC 4120 – (3 hrs) - Sensation and Perception            PSYC 4130 – (3 hrs) - Physiological and Comparative Psychology            PSYC 4140 – (3 hrs) - Cognitive Neuroscience            PSYC 4150 – (3 hrs) - Biological Foundations of Health Psychology         </td> <td style="width: 50%;">           PSYC 5750 – (3 hrs) - Principles of Primate Phylogeny            PSYC 5770– (3 hrs) - Organization of Primate Social Groups            PSYC 5850 – (3 hrs) - Psychopharmacology – Drugs and Behavior         </td> </tr> </table>	PSYC 4120 – (3 hrs) - Sensation and Perception PSYC 4130 – (3 hrs) - Physiological and Comparative Psychology PSYC 4140 – (3 hrs) - Cognitive Neuroscience PSYC 4150 – (3 hrs) - Biological Foundations of Health Psychology	PSYC 5750 – (3 hrs) - Principles of Primate Phylogeny PSYC 5770– (3 hrs) - Organization of Primate Social Groups PSYC 5850 – (3 hrs) - Psychopharmacology – Drugs and Behavior
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<b>Choose one of the following:</b> _____		
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">           ANTH 4790 – (3 hrs) - Human Adaptation            BCMB 4120 – (4 hrs) - Human Biochemistry and Disease            BCMB 4130 – (4 hrs) - Mechanisms of Human Disease            BCMB 4130H – (4 hrs) - Mechanisms of Human Disease (Honors)            CBIO 4200 – (3 hrs) - Biomedical Research in Health and Disease            CBIO 4200H – (3 hrs) - Biomedical Research in Health and Disease (Honors)            CBIO 4340 - (3 hrs) - Biology of Aging         </td> <td style="width: 50%;">           CBIO 3710 – (3 hrs) – Principles of Physiology            CBIO 4730 – (3 hrs) – Endocrinology            GENE 4050 – (3 hrs) - Behavior Genetics            GENE 4310 – (3 hrs) – Genetic Approaches to Developmental Neuroscience            GENE 4500 – (3 hrs) - Human Genetics            PMCY 3000 - (4 hrs) – Human Physiology            VPAT 4000 – (3 hrs) - On the Origins of Disease            VPHY 3100 – (3 hrs) - Elements of Physiology         </td> </tr> </table>	ANTH 4790 – (3 hrs) - Human Adaptation BCMB 4120 – (4 hrs) - Human Biochemistry and Disease BCMB 4130 – (4 hrs) - Mechanisms of Human Disease BCMB 4130H – (4 hrs) - Mechanisms of Human Disease (Honors) CBIO 4200 – (3 hrs) - Biomedical Research in Health and Disease CBIO 4200H – (3 hrs) - Biomedical Research in Health and Disease (Honors) CBIO 4340 - (3 hrs) - Biology of Aging	CBIO 3710 – (3 hrs) – Principles of Physiology CBIO 4730 – (3 hrs) – Endocrinology GENE 4050 – (3 hrs) - Behavior Genetics GENE 4310 – (3 hrs) – Genetic Approaches to Developmental Neuroscience GENE 4500 – (3 hrs) - Human Genetics PMCY 3000 - (4 hrs) – Human Physiology VPAT 4000 – (3 hrs) - On the Origins of Disease VPHY 3100 – (3 hrs) - Elements of Physiology
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<b>Effective January 2017</b>		