**New BS-NRSC-BCN *Behavioral and Cognitive Neuroscience* (120 hr degree)**

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| **Course** | **Title** |  **Semester Credit Hrs** |
| **54 hrs of Major coursework (noted in grey) – “C” or better** |
| PSYC 235/NRSC235 | Intro to Behavioral & Cog Neuroscience | 3 |
| STAT302 or STAT312 (Psyc301) | Statistical Methods | 3 |
| VIBS 101/NRSC101 (FYE) Everyone takes, including those who already have taken an FYE | Neuroscience Overview | 1 |
| VIBS 277/NRSC277 | Introduction to Neuroscience | 3 |
| **Select five of the following:** |  | 15 |
| PSYC311/NRSC311 | Psychology of Animal Behavior |  |
| PSYC320/NRSC320 | Sensation-Perception |  |
| PSYC332/NRSC332 | Neuroscience of Learning and Memory |  |
| PSYC333/NRSC333 | Biology of Psychological Disorders |  |
| PSYC336/NRSC336 | Drugs and Behavior |  |
| PSYC340/NRSC340 | Psychology of Learning |  |
| PSYC350/NRSC350 | Cognitive Neuroscience |  |
| PSYC360/NRSC360 | Health Psyc and Behavioral Medicine |  |
| **Select from the following:** |  | 29 |
| BICH410 | Comprehensive Biochemistry I |  |
| BIOL213 | Molecular Cell Biology |  |
| BIOL413 | Cell Biology |  |
| CHEM227/237 | Organic Chemistry I & Lab |  |
| CHEM228/238 | Organic Chemistry II & Lab |  |
| PSYC471 – **Writing Intensive- REQ** | Research Writing in Neuroscience |  |
| PSYC475 – **Writing Intensive- REQ** | Communicating Neuroscience Concepts |  |
| PSYC484 (no limit) | Field Experiences |  |
| PSYC485 (no limit) | Directed Studies |  |
| PSYC491 (no limit) | Research |  |
| NRSC300-499 |  |  |
| **College and Univ Req** |  |  |
| **Life & Physical Sciences (24 hrs)** |  |  |
| BIOL111 – NO AP or IB | Intro Biology I | 4 |
| BIOL112 – NO AP or IB | Intro Biology II | 4 |
| CHEM119 (Chem107/117) – NO AP or IB | Chemistry I | 4 |
| CHEM120 - NO AP or IB | Chemistry II | 4 |
| PHYS201 or PHYS208 | College Physics or Electricity and Optics | 4 |
| PHYS202 or PHYS18 | College Physics II or Mechanics | 4 |

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| **Math (8 hrs)** |  |  |
| **Select one of the following:** |  | 4 |
| MATH147 | Calculus I for Biological Sciences |  |
| MATH151 | Engineering Mathematics I |  |
| MATH171 | Analytic Geometry and Calculus |  |
| **Select one of the following:** |  | 4 |
| MATH148 | Calculus II for Biological Sciences |  |
| MATH152 | Engineering Mathematics II |  |
| MATH172 | Calculus |  |
| STAT201 (3 hr class) | Elementary Statistical Inference |  |
| **American History (6 hrs)** | Core.tamu.edu | 6 |
| **Communication (6 hrs)** | ENGL104 (Engl1302)Core.tamu.edu | 33 |
| **Creative Arts (3 hrs)** | Core.tamu.edu | 3 |
| **Language, Philosophy and Culture (3 hrs)** | Core.tamu.edu | 3 |
| **Government/Political Science (6 hrs)** | POLS206 (Govt2301)POLS207 (Govt2302) | 33 |
| **Social Science (3 hrs)** | PSYC107 (Psyc2301) | 3 |
| **Electives (7 hrs) (only 1 KINE199)** |  | 7 |

\*Student will have to register in a zero-credit Hullabaloo first-year experience course. More to come from Bari and we will share this information at the NSC.

\*Student are allowed ONE KINE199. If they come in with STAT201 credit to apply towards their Math, they can take that ONE KINE199 to attach to it to make it a 4 hr course. Any 1 hr credit can be added though.

\*In order to take one of the MATH courses, student must take the Math Placement Exam I (not II) and make the appropriate score. Incoming freshman will take a proctored MPI at their NSC.

\*If student does not pass the placement exam, must take MATH150 which is a prereq for MATH151.

\***NO DOUBLE MAJORS/DOUBLE DEGREES WITH NEUROSCIENCE for now!**

\***MAJOR CHANGE REQUIREMENTS**:

 -No more than 60 hrs

 -**3.0** GPA or above

 - (*3 hrs*) Completion of PSYC107 – Intro to Psychology

 - (*4 hrs*) Completion of MATH – MATH147, MATH151 (Math2413) **OR** MATH171

 - (*8 hrs*) Completion of BIOL111 (Biol1406) **and** BIOL112 (Biol1407)

- (*8 hrs*) Completion of CHEM119 (Chem1411) **OR** CHEM107/117 (Chem1470) **and** CHEM120 (Chem1412)

 -B or better in courses

\***TRANSFER REQUIREMENTS**: Same as Major change except GPA is **3.25** or above