Neuroscience

School of Science and Engineering

2013 Percival Stern Hall
Phone: (504) 862-3305
Fax: (504) 862-3365
Email: sherrie@tulane.edu
Web: tulane.edu/sse/neuro/

This information was prepared by Tulane Academic Advising Center.
# General Requirements for Students Matriculating in Academic Year: 2017-2018

## Degree:
- Bachelor of Science

**Total Credits:** 120

## Major:
- Neuroscience

### Minimum Cumulative Grade Point Average: 2.0

### Minimum Major Grade Point Average: 2.0

### Core Curriculum Requirements

<table>
<thead>
<tr>
<th>Area</th>
<th>Credits</th>
<th>To Be Selected From</th>
<th>Neuroscience Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Writing</td>
<td>4</td>
<td>ENGL 1010 or Equivalent</td>
<td>NSCI/PSYC 3300 NSCI/CELL 3310 NSCI/CELL 3320</td>
</tr>
<tr>
<td>TIDES – 1 course in fall semester</td>
<td>1-1.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foreign Language – Competence at 1020-Level (1-2 courses depending on placement and language)</td>
<td>3-8</td>
<td>Arabic, Chinese, French, German, Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, or Spanish</td>
<td>NSCI/PSYC 3770 NSCI/PSYC 4060 NSCI/JUNG 4110 NSCI/CELL 4300 NSCI/PSYC 4330 NSCI/CELL 4340 NSCI/CELL 4370 NSCI/PSYC 4380 NSCI/CELL 4500 NSCI/PSYC 4510 NSCI/PSYC 4512</td>
</tr>
<tr>
<td>Cultural Knowledge – 1 Humanities</td>
<td>6</td>
<td>Courses designated Humanities and Fine Arts</td>
<td></td>
</tr>
<tr>
<td>Cultural Knowledge – 1 Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cultural Knowledge – Social Science</td>
<td>6</td>
<td>Courses designated Social Science</td>
<td></td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>8</td>
<td>MATH 1210 or equivalent and 1220 or 1230</td>
<td></td>
</tr>
<tr>
<td>Scientific Inquiry – 1 Lab Science</td>
<td>7-8</td>
<td>Courses from departments designated Science and Math</td>
<td>PSYC 3090 PSYC 3330 PSYC 3680 PSYC 6110 CELL 3030 CELL 3050 CELL 3210 CELL 3750 CELL 4010 CELL 4180 EBIIO 1010/1015 EBIIO 3330 NSCI/SCEN 3010 SCEN 4110</td>
</tr>
<tr>
<td>Scientific Inquiry – 2 Math courses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Writing Intensive</td>
<td>4</td>
<td>Consult Major</td>
<td></td>
</tr>
<tr>
<td>Public Service – 1st Tier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Service – 2nd Tier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Traditions</td>
<td>3</td>
<td>Refer to Undergraduate Core Curriculum Guide</td>
<td></td>
</tr>
<tr>
<td>Outside Western Traditions Or Comparative Cultures Intl. Perspectives</td>
<td>3</td>
<td>Refer to Undergraduate Core Curriculum Guide</td>
<td></td>
</tr>
</tbody>
</table>

### Major Requirements

<table>
<thead>
<tr>
<th>Area</th>
<th>Credits</th>
<th>To Be Selected From</th>
<th>Elective Courses (Min. of 12 credits, including min. of 3 labs)</th>
<th>Elective Neuroscience Lecture Courses (Min. of 6 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Writing</td>
<td>4</td>
<td></td>
<td>NSCI/PSYC 3300 NSCI/CELL 3310 NSCI/CELL 3320 NSCI/PSYC 3770 NSCI/PSYC 4060 NSCI/JUNG 4110 NSCI/CELL 4300 NSCI/CELL 4340 NSCI/CELL 4370 NSCI/PSYC 4380 NSCI/CELL 4500 NSCI/PSYC 4510 NSCI/PSYC 4512 NSCI/PSYC 4530 NSCI/CELL 4130 NSCI/CELL 4350 NSCI 4513 NSCI/CELL 6150</td>
<td></td>
</tr>
<tr>
<td>TIDES – 1 course in fall semester</td>
<td>1-1.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foreign Language – Competence at 1020-Level (1-2 courses depending on placement and language)</td>
<td>3-8</td>
<td>Arabic, Chinese, French, German, Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, or Spanish</td>
<td>NSCI/PSYC 3770 NSCI/PSYC 4060 NSCI/JUNG 4110 NSCI/CELL 4300 NSCI/PSYC 4330 NSCI/CELL 4340 NSCI/CELL 4370 NSCI/PSYC 4380 NSCI/CELL 4500 NSCI/PSYC 4510 NSCI/PSYC 4512 NSCI/PSYC 4530 NSCI 4130 NSCI/CELL 4350 NSCI 4513</td>
<td></td>
</tr>
<tr>
<td>Cultural Knowledge – 1 Humanities</td>
<td>6</td>
<td>Courses designated Humanities and Fine Arts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cultural Knowledge – 1 Fine Arts</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cultural Knowledge – Social Science</td>
<td>6</td>
<td>Courses designated Social Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>8</td>
<td>MATH 1210 or equivalent and 1220 or 1230</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scientific Inquiry – 1 Lab Science</td>
<td>7-8</td>
<td>Courses from departments designated Science and Math</td>
<td>PSYC 3090 PSYC 3330 PSYC 3680 PSYC 6110 CELL 3030 CELL 3050 CELL 3210 CELL 3750 CELL 4010 CELL 4180 EBIIO 1010/1015 EBIIO 3330 NSCI/SCEN 3010 SCEN 4110</td>
<td></td>
</tr>
<tr>
<td>Scientific Inquiry – 2 Math courses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Writing Intensive</td>
<td>4</td>
<td>Consult Major</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Service – 1st Tier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Service – 2nd Tier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Traditions</td>
<td>3</td>
<td>Refer to Undergraduate Core Curriculum Guide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outside Western Traditions Or Comparative Cultures Intl. Perspectives</td>
<td>3</td>
<td>Refer to Undergraduate Core Curriculum Guide</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### To complete the required 120 hours, you may choose to take additional courses:

1. In your major
2. Of interest to you
3. To satisfy another major (32 hours)
4. To satisfy another minor (16 hours)

---

- The Degree Plan and other information provided in this booklet serve only as advising tools. Newcomb-Tulane College advisors will help advise you on the core curriculum, decide on a major, and consult on any academic success issues.
- Your major advisors will advise you on major requirements.
- Students with multiple majors will have more than one advisor and will need to consult with the appropriate advisor.
- Minors are not assigned an advisor, but a faculty member in the department is designated to advise minors.
- Become familiar with your major! By declaring early, you have access to a major advisor, are able to enroll in “majors only” classes, and are included in list serves that allow you to receive information about events, internships, and other opportunities.
- Pre-med and Pre-law students should also consult with one of the Pre-Professional advisors.
If you think you might be interested in this major, but you are not absolutely sure, an exploratory advisor can help you explore major and career options, please go to:

[Image]

If you are interested in information about Law Professions, please go to:

[Image]

If you are interested in information about Health Professions, please go to:

[Image]
What Can I Do with a Major in...
Neuroscience

SALES
• Account management
• Sales support

EDUCATION
• Teaching
• Research
• Administration

• Chemical manufacturers
• Healthcare producers
• Pharmaceutical companies

• Teach for America
• Public and private elementary and secondary schools
• Colleges and universities

PROFESSIONAL ORGANIZATIONS

American Academy of Neurology
www.aan.com

American Physiological Society
www.the-aps.org

American Psychiatric Association
www.psych.org

American Medical Association
www.ama-assn.org

American Neurological Association
www.aneuroa.org

American Psychological Association
www.apa.org

American Association for the Advancement of Science
www.aaas.org

Cognitive Neuroscience Society
www.cognneurosociety.org

Society for Neuroscience
www.sfn.org

RELATED WEBSITES & ASSOCIATIONS

Tulane University Neuroscience Department
http://tulane.edu/sse/neuro

Neurology Channel
www.neurologychannel.com

Neurosurgery Today
www.neurosurgerytoday.org

Science Magazine
www.sciencemag.org

Jobs for Sciences
www.sciencejobs.com

For Jobs, internships, resume assistance, interviews, and self-assessments, please go to:

HIRE TULANE GRADS.COM

Success Tulane.edu

Tulane University is committed to your academic success and provide several services to assist.