GENERAL REQUIREMENTS FOR STUDENTS MATRICULATING IN ACADEMIC YEAR: 2016-2017

DEGREE: BACHELOR OF SCIENCE

TOTAL CREDITS: 120

MAJOR: NEUROSCIENCE

MINIMUM CUMULATIVE GRADE POINT AVERAGE: 2.0
MINIMUM MAJOR GRADE POINT AVERAGE: 2.0

<table>
<thead>
<tr>
<th>Area Curriculum Requirements</th>
<th>Core Curriculum Major Requirements</th>
<th>54-60 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Writing</td>
<td>Neuroscience Required Courses – 12 credits</td>
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<tr>
<td>4</td>
<td>NEUROSCIENCE Required Courses – 12 credits</td>
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<tr>
<td>1-1.5</td>
<td>Neuroscience Electives – minimum of 6 credits</td>
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<tr>
<td>Foreign Language – Competence at 1020-Level (1-2 courses depending on placement and language)</td>
<td>Laboratory courses – minimum of 3 labs total</td>
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<td>3-8</td>
<td>Neuroscience Laboratory Courses – minimum of 1 lab</td>
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<tr>
<td>Cultural Knowledge – 1 Humanities</td>
<td>Neuroscience Laboratory Courses – minimum of 1 lab</td>
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<tr>
<td>6</td>
<td>Neuroscience Laboratory Courses – minimum of 1 lab</td>
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<tr>
<td>Cultural Knowledge – Social Science</td>
<td>Neuroscience Laboratory Courses – minimum of 1 lab</td>
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<tr>
<td>6</td>
<td>Neuroscience Laboratory Courses – minimum of 1 lab</td>
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<tr>
<td>Quantitative Reasoning 2 Math courses</td>
<td>Elective Lecture Courses – minimum of 3 credits</td>
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<tr>
<td>8</td>
<td>Elective Lecture Courses – minimum of 3 credits</td>
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<tr>
<td>Scientific Inquiry – 1 Lab Science 1 Science or Math</td>
<td>Co-Requisite Courses</td>
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<tr>
<td>7-8</td>
<td>Co-Requisite Courses</td>
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<tr>
<td>Writing Intensive</td>
<td>Consult Major</td>
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<tr>
<td>4</td>
<td>Consult Major</td>
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<tr>
<td>Public Service – 1st Tier 2nd Tier</td>
<td>Study Abroad: Copenhagen, Denmark; Dunedin, New Zealand; Perth, Sydney, &amp; Melbourne, Australia</td>
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<tr>
<td>1000-3000-Level 3000-Level or above</td>
<td>Study Abroad: Copenhagen, Denmark; Dunedin, New Zealand; Perth, Sydney, &amp; Melbourne, Australia</td>
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<tr>
<td>Western Traditions</td>
<td>Refer to Undergraduate Core Curriculum Guide</td>
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<tr>
<td>3</td>
<td>Refer to Undergraduate Core Curriculum Guide</td>
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<tr>
<td>Outside Western Traditions Or Comparative Cultures Intl. Perspectives</td>
<td>Refer to Undergraduate Core Curriculum Guide</td>
<td></td>
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<tr>
<td>3</td>
<td>Refer to Undergraduate Core Curriculum Guide</td>
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</tr>
</tbody>
</table>

There is no minor for Neuroscience.

- 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 PreProfessional advisors.
GENERAL INFORMATION
• Gaining relevant experience through part-time and summer jobs, volunteering or internships will help you explore career options and also increase your marketability.
• Develop skills by obtaining a leadership role in student government or a school or community organization.
• Excellent verbal and written communication skills are important in all fields.
• Neuroscience combines many traditional fields of study including psychology, biology, chemistry, physics, anatomy and physiology. If you have identified a field of interest, select your coursework and internship experiences to support your career objective.
• A degree in Neuroscience fulfills the standard requirements of a premedical curriculum, which is recommended or required for admission to graduate study in Neuroscience or related graduate programs, as well as medical school.

SKILLS
• High proficiency in written/oral communications
• Ability to operate scientific equipment
• Report writing
• Ability to conduct experimental design
• Knowledge and application of research techniques
• Group interaction and teamwork skills
• Statistical analysis skills
• Interpersonal skills
• Time management skills
• Ability to apply and integrate fundamental scientific principles
• Strong quantitative skills
• Attention to detail
• Effective communicator – present information clearly and effectively
• Analytic thinking and complex problem solving ability

CAREER AREAS

GOVERNMENT
• Research

INDUSTRY/BUSINESS
• Research
• Product management

HEALTHCARE ORGANIZATIONS
• Research

EMPLOYERS
• Government agencies (Center for Disease Control, Food and Drug Administration, National Institute of Drug Abuse, National Institutes of Health, National Institute of Mental Health)
• Research facilities
• Research foundations
• Chemical manufacturers
• Consulting firms
• Food manufacturers
• Healthcare producers
• Pharmaceutical companies
• Scientific journals
• Clinics
• Hospitals
• Testing labs

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: Explore.Tulane.edu

If you are interested in information about Law Professions, please go to: LawProfessions.Tulane.edu

If you are interested in information about Health Professions, please go to: HealthProfessions.Tulane.edu
# What Can I Do with a Major in… Neuroscience

## SALES
- Account management
- Sales support
- Chemical manufacturers
- Healthcare producers
- Pharmaceutical companies

## EDUCATION
- Teaching
- Research
- Administration
- 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.cognitive神经系统.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

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

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

- Hire Tulane Grads.com
- Success.Tulane.edu
- advising.TULANE.edu