

Neuroscience Undergraduate Major, Pre-Med (NEUR 04250/0425M/0425B)

Updated 04/04/2022 *Pre-Med students should contact the Health Professions Advising Office at prehealth.umd.edu*

Name: _____

UID: _____ Date: _____

| Benchmarks |
|--|
| <p>Benchmark 1 Requirements:</p> <ul style="list-style-type: none"> - MATH135 or 140 - BSCI160/161 - BSCI170/171 - CHEM131/132 - CHEM231/232 <p>* Must earn a C- or higher in all Benchmark courses * Minimum 2.0 cumulative GPA</p> <p>NOTE: Benchmark 1 must be completed by 45 UMD credits for students directly admitted as a Neuroscience freshman. Internal and external transfer students will already have completed Benchmark 1 upon admission into the Neuroscience major.</p> <p>Benchmark 2 Requirements:</p> <ul style="list-style-type: none"> - NEUR200 - PSYC100 - CHEM241/242 - Supporting MATH course <p>* Must earn a C- or higher in all Benchmark courses * Minimum 2.0 cumulative GPA</p> <p>NOTE: Benchmark 2 must be completed by 75 UMD credits for students directly admitted as a Neuroscience freshman. Internal and external transfer students should discuss benchmark requirements with a Neuroscience academic advisor.</p> |

| Notes |
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| <p>Approved Statistics Courses: BIOM301 or EPIB315 or PSYC200 or STAT400 or STAT464</p> <p>All students must take two Distributive Studies courses that will also count for the I-Series requirement.</p> <p>Understanding Plural Societies and Cultural Competence courses may also fulfill Distributive Studies categories.</p> |

| YEAR 1 | Fall Courses | Gen Ed | Credits | Spring Courses | Gen Ed | Credits |
|--------|--------------------|------------|-----------|-------------------------------|--------|-----------|
| | MATH135 or MATH140 | FSAR, FSMA | 4 | MATH135 or MATH136 or MATH141 | | 4 |
| | BSCI160 & BSCI161 | DSNL | 4 | BSCI170 & BSCI171 | | 4 |
| | CHEM131 & CHEM132 | DSNL | 4 | CHEM231 & CHEM232 | | 4 |
| | ENGL101 | FSAW | 3 | PSYC100 | DSHS | 3 |
| | UNIV100 | | 1 | | | |
| | Total | | 16 | Total | | 15 |

| YEAR 2 | Fall Courses | Gen Ed | Credits | Spring Courses | Gen Ed | Credits |
|--------|----------------------|--------|-----------|----------------------------|--------|-----------|
| | NEUR200 | | 3 | NEUR305 | | 3 |
| | CHEM241 & CHEM242 | | 4 | CHEM271 & CHEM272 | | 4 |
| | BSCI222 (Neur Track) | | 4 | BSCI330 (NEUR Track w/Lab) | | 4 |
| | Gen Ed (SOCY100*) | DSHS | 3 | Gen Ed | | 3 |
| | Elective | | 3 | | | |
| | Total | | 17 | Total | | 14 |

| YEAR 3 | Fall Courses | Gen Ed | Credits | Spring Courses | Gen Ed | Credits |
|--------|---------------------------------|--------|-----------|---------------------|--------|--------------|
| | ENGL39X | FSPW | 3 | NEUR306 | | 3 |
| | PHYS131 | | 4 | Approved Statistics | | 3 |
| | BSCI450 (NEUR Track) | | 3 | PHYS132 | | 4 |
| | BCHM461 or BCHM463 (NEUR Track) | | 3 | GenEd (BSCI223*) | | 3-4 |
| | Elective | | 3 | | | |
| | Total | | 15 | Total | | 13-14 |

| YEAR 4 | Fall Courses | Gen Ed | Credits | Spring Courses | Gen Ed | Credits |
|--------|----------------|--------|-----------|-------------------|--------|-----------|
| | NEUR 405 (Lab) | | 3 | NEUR Track Course | | 3 |
| | GenEd | | 3 | GenEd | | 3 |
| | GenEd | | 3 | GenEd | | 3 |
| | GenEd | | 3 | Elective | | 3 |
| | Elective | | 3 | Elective | | 3 |
| | Total | | 15 | Total | | 15 |

*Recommended course for pre-med students

Designates pre-requisite course for medical school

| | |
|----------------------|----------------|
| Total Credits | 120-121 |
|----------------------|----------------|