

**TOPS University Louisiana Transfer Degree Associate of Science: Concentration in Biological Science**  
*Postsecondary: Nunez Community College*

**Overview**

The Louisiana Transfer Degree Program is designed to provide students with an opportunity to complete the first 60 hours of course work toward a baccalaureate degree at a 2-year or community college. Graduates are eligible to enter a 4-year Louisiana public university as a junior, with all 60 (non-developmental) credits transferring to the receiving university. The Transfer Degree Guarantee refers to a guaranteed and easy transfer for students from a 2-year community college to a public university in Louisiana. Concentrations will be in Biological Science.

**Capstone Credentials**

| Regional (Emerging) | Basic | Advanced | Fast Forward Advanced Plus   |
|---------------------|-------|----------|--|
|                     |       |          | -Louisiana Transfer Degree Associate of Science: Concentration in Biological Science |

*\*Core Academic Course, \*\*Jump Start CTE Course*

| Grade 9              |                              |                                |  |
|----------------------|------------------------------|--------------------------------|--|
| Semester 1           |                              | Semester 2                     |  |
| Postsecondary Course | LDOE Course/Code             | Postsecondary Course           | LDOE Course/Code   |
|                      | *English I 120331            |                                | *English II 120332   |
|                      | *Algebra I 160321            |                                | *Algebra II 160322   |
|                      | *Physical Education I 190105 | *American Government POLI 1100 | *American Government, POLI 1100 Government: DE-CPOL 2013<br>Introduction to American Govt 220514 |
|                      | *Biology I 150301            |                                | Elective TBD by course selected  |

| Grade 10                 |  |   |  |
|--------------------------|--|---|--|
| Semester 1               |  | Semester 2                                |  |
| Postsecondary Course     | LDOE Course/Code   | Postsecondary Course                      | LDOE Course/Code   |
| *World History HIST 1500 | *World History: DE-CHIS 1113 World Civilization I 220450 | *General Biology I & Lab BIOL 1100 & 1110 | *Biology I: DE - CBIO 1033 General Biology I (Sci Majors) 150322 |
|                          | Math Essentials 160351                                   |   | *Geometry 160323   |

|                           |  |  |  |
|---------------------------|--|--|--|
| *English Comp I ENGL 1010 | *English Comp I, ENGL 1010<br>English III: DE-CENL 1013 English Composition I 120601 |  | *1/2 Physical Education II 190106, ½ Health Education 190500 |
|                           | Elective TBD by course selected  |  | *U.S. History 220403   |

Additional and/or equivalent TOPS core aligned courses can be found in Bulletin 741.

| Grade 11  |  |  |   |
|---|--|--|---|
| Semester 1  |  | Semester 2   |   |
| Postsecondary Course  | LDOE Course/Code   | Postsecondary Course   | LDOE Course/Code  |
| *English Comp II ENGL 1020  | *English IV: DE-CENL 1023 English Composition II 120607            | *College Algebra MATH 1300   | *Algebra III: DE-CMAT 1213 College Algebra, 160500  |
| *Elementary Spanish I SPAN 1010<br><i>(Humanities Elective)</i>           | *Spanish: DE-CSPN 1013/1014 Elementary Spanish I 122511            | *Elementary Spanish II SPAN 1020<br><i>(Humanities Elective)</i>                                 | *Spanish: DE-CSPN 1023/1024 Elementary Spanish II 122512  |
| *Introduction to Psychology PSYC 1100<br><i>(Social Science Elective)</i> | *Psychology: DE CPSY 2013-Introduction to Psychology 225011        | *General Chemistry I & Lab CHEM 1100 & 1110  | *Chemistry I: DE-CCEM 1103 Chemistry I 150414   |
| *General Biology II & Lab BIOL 1200 & 1210                                | *Biology II: DE - CBIO 1043 General Biology II (Sci Majors) 150326 | *Music Appreciation, MUSC 1013<br>or<br>Art Appreciation FIAR 1200<br><i>(Fine Art Elective)</i> | *Fine Arts Survey: DE-CMUS 1013 Music Appreciation 030590 or Art History: DE-CART 2103 Art History I 030595 |
| <i>Concentration Required Course</i>                                      | TBD by course selected   | <i>Concentration Required Course</i>   | TBD by course selected  |

| Grade 12  |   |                                      |  |
|---|---|--------------------------------------|--|
| Semester 1  |   | Semester 2                           |  |
| Postsecondary Course  | LDOE Course/Code  | Postsecondary Course                 | LDOE Course/Code   |
| *College Trigonometry MATH 1400   | *Adv Math-Pre Calc: D-CMAT 1223 Trigonometry 160501             | *World Lit I ENGL 2600               | *English IV: DE-CENL 2203 World Literature I 120611      |
| *General Chemistry II & Lab CHEM 1200 & 1210                            | *Chemistry II: DE-CCEM 1113 Chemistry II 150421                 | Microbiology & Lab BIOL 2000 & 2010  | Microbiology: DE-BIOL 2102 - General Microbiology 149995 |
| *World Regional Geography GEOG 1200<br><i>(Social Science Elective)</i> | *World Geography: DE-CGRG 2113 World Regional Geography, 220312 | <i>Concentration Required Course</i> | TBD by course selected                                   |

|                                      |                        |                                      |                               |
|--------------------------------------|------------------------|--------------------------------------|-------------------------------|
| <i>Concentration Required Course</i> | TBD by course selected | <i>Concentration Required Course</i> | TBD by course selected        |
| <i>Concentration Required Course</i> | TBD by course selected | <i>Concentration Required Course</i> | <i>TBD by course selected</i> |

*This pathway framework is an outline of how the approved courses can be implemented. Schools may opt to rearrange the order of course sequencing in order to meet local scheduling requirements. Additionally, Fast Forward pathways are dynamic and the Jump Start Review Panel will consider course equivalents on an as needed basis.*