

| <b>COMMON CORE (20 hours)</b>                                                                                                                                       |                                                              | <b>Credit Hours</b> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
| All students take the following courses.                                                                                                                            |                                                              |                     |
| Note: Students are expected to transfer in six hours of credit that will count toward the Common or Flexible Core requirements. CORE 1043 and 2243 are recommended. |                                                              |                     |
| CORE 1002                                                                                                                                                           | OBU Connections†                                             | 2                   |
| CORE 1023                                                                                                                                                           | The Contemporary World                                       | 3                   |
| CORE 1043                                                                                                                                                           | Composition I                                                | 3                   |
| CORE 1113                                                                                                                                                           | Survey of the Bible                                          | 3                   |
| CORE 1123                                                                                                                                                           | Interpreting the Bible                                       | 3                   |
| CORE 2233                                                                                                                                                           | World Literature                                             | 3                   |
| CORE 2243                                                                                                                                                           | History of World Societies                                   | 3                   |
| CORE 2334                                                                                                                                                           | Scientific Inquiry (Satisfied by major)                      | 0                   |
| CORE 3023                                                                                                                                                           | Scientific Connections (Satisfied by major)                  | 0                   |
| <b>FLEXIBLE CORE (14-15 hours)</b>                                                                                                                                  |                                                              |                     |
| Choose as indicated from each of the seven categories.                                                                                                              |                                                              |                     |
| <b>Analytic &amp; Quantitative Reasoning (Satisfied by Additional Area Requirements)</b>                                                                            |                                                              |                     |
| MATH 1003                                                                                                                                                           | College Algebra                                              | 0                   |
| MATH 1033                                                                                                                                                           | Mathematics for the Liberal Arts                             |                     |
| PHIL 1003                                                                                                                                                           | Introduction to Philosophy                                   |                     |
| PHIL 1023                                                                                                                                                           | Logic                                                        |                     |
| <b>Applied Skills (Choose one)</b>                                                                                                                                  |                                                              |                     |
| COMM 1003                                                                                                                                                           | Fundamentals of Public Speaking                              | 0                   |
| FINN 2003                                                                                                                                                           | Personal Finance (Satisfied by Additional Area Requirements) |                     |
| <b>Artistic Engagement (Choose one)</b>                                                                                                                             |                                                              |                     |
| May be satisfied by participation in the European Study Program.                                                                                                    |                                                              |                     |
| FINA 3113                                                                                                                                                           | Fine Arts: Art                                               | 3                   |
| FINA 3123                                                                                                                                                           | Fine Arts: Music                                             |                     |
| FINA 3133                                                                                                                                                           | Fine Arts: Theatre                                           |                     |
| <b>Civic Engagement in America (Choose one)</b>                                                                                                                     |                                                              |                     |
| PSCI 2013                                                                                                                                                           | American National Government                                 | 3                   |
| HIST 2003                                                                                                                                                           | United States History to 1877                                |                     |
| HIST 2013                                                                                                                                                           | United States History Since 1877                             |                     |
| <b>Intercultural Appreciation and Communication† (Choose two)</b>                                                                                                   |                                                              |                     |
| Two semesters of credit in the same foreign language. May also be satisfied by approved language-intensive study-abroad experience.                                 |                                                              | 6                   |
| <b>Physical Well-being (One course)</b>                                                                                                                             |                                                              |                     |
| KIN 1002                                                                                                                                                            | Concepts of Wellness                                         | 2-3                 |
| KIN 2073                                                                                                                                                            | Health and Safety                                            |                     |
| KIN 2013                                                                                                                                                            | Outdoor Leisure Pursuits                                     |                     |
| <b>EXPERIENTIAL CORE (1 hour)</b>                                                                                                                                   |                                                              |                     |
| CHAP 1000                                                                                                                                                           | Chapel (7 credits required)                                  | 0                   |
| FINA 4011                                                                                                                                                           | Arts Engagement Series                                       | 1                   |
| <b>Total Core Requirements</b>                                                                                                                                      |                                                              | <b>35-36</b>        |

† For more detail, refer to the School of Interdisciplinary Studies section of the catalog.

| <b>GENERAL GRADUATION REQUIREMENTS</b>                               |  |
|----------------------------------------------------------------------|--|
| 7 Chapel Credits, or 1 per semester for transfer students            |  |
| 2.000 minimum GPA (overall, OBU, major, and minor)                   |  |
| At least 24 hours with grades of C or higher in the major            |  |
| Jr./Sr. Hours: At least 39 total, 12 in the major and 6 in the minor |  |

| <b>CRITERIA FOR ADMISSION TO BIOMEDICAL SCHOLARS PROGRAM</b>                                                                                                                                                                                                                                                 |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Students beginning their first semester at Ouachita:                                                                                                                                                                                                                                                         |  |
| <ul style="list-style-type: none"> <li>• ACT score of at least 30 or equivalent SAT score</li> <li>• At least 6 hours of incoming college credit</li> <li>• Completion of a student application.</li> </ul>                                                                                                  |  |
| Students beginning their third semester at Ouachita:                                                                                                                                                                                                                                                         |  |
| <ul style="list-style-type: none"> <li>• Minimum 3.5 GPA in BIOL 1014 &amp; 1024</li> <li>• Minimum 3.5 GPA in CHEM 1004 &amp; 1014</li> <li>• Minimum 3.6 overall GPA</li> <li>• Satisfactory completion of BIOL 1201 and one Honors CORE course</li> <li>• Completion of a student application.</li> </ul> |  |
| Refer to the Biomedical Sciences section of the catalog for policies involving substitutions for AP credit and requirements for transfer students.                                                                                                                                                           |  |

| <b>CRITERIA FOR RETENTION IN BIOMEDICAL SCHOLARS PROGRAM</b>                                                                                                                                                                 |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Maintain a minimum 3.6 overall GPA                                                                                                                                                                                           |  |
| Progress toward completion of the Honors Program.                                                                                                                                                                            |  |
| Failure to satisfy the retention requirements will result in a one-semester probation period, followed by a default to a four-year Biology degree. Refer to the Biomedical Sciences section of the catalog for more details. |  |

| <b>MAJOR</b>                 |                                                      | <b>Credit Hours</b> |
|------------------------------|------------------------------------------------------|---------------------|
| BIOM 1242                    | Freshman Research Experience <i>or</i>               | 2-5                 |
| BIOL 1014, 1201              | General Biology I & Freshman Research Experience     |                     |
| BIOL 2014                    | Human Anatomy & Physiology I                         | 4                   |
| BIOL 2024                    | Human Anatomy & Physiology II                        | 4                   |
| BIOL 3683                    | Bioinformatics                                       | 3                   |
| Choose two of the following: |                                                      | 7-8                 |
| BIOL 3014                    | Microbiology                                         |                     |
| BIOL 3163                    | Neurobiology                                         |                     |
| BIOL 4064                    | Cell and Molecular Biology                           |                     |
| BIOL 4054                    | Genetics (Prerequisite: MATH 2014 or 2063)           | 4                   |
| Choose one of the following: |                                                      | 2                   |
| BIOL 4002                    | Research Capstone                                    |                     |
| CHEM 4511+BIOL 4601          | Directed Chemistry Research + Senior Capstone        |                     |
| PHYS 4801+BIOL 4601          | Individual / Group Study, Research + Senior Capstone |                     |
| BIOM 4601                    | Biomedical Sciences Experiences                      | 1                   |
| <b>TOTAL</b>                 |                                                      | <b>27-31</b>        |
| <b>MINOR: PHYSICS</b>        |                                                      |                     |
| PHYS 2024, 2034              | College Physics I & II <i>or</i>                     | 8                   |
| PHYS 2054, 2064              | University Physics I & II                            |                     |
| PHYS 3004                    | Introduction to Modern Physics                       | 4                   |
| PHYS                         | PHYS electives to total at least 18 hours.           | 6                   |
| <b>TOTAL</b>                 |                                                      | <b>18</b>           |

| ADDITIONAL AREA REQUIREMENTS |                                      |     |
|------------------------------|--------------------------------------|-----|
| Choose one of the following: |                                      |     |
| CHMM 3403                    | World Religions                      | 3   |
| PHIL 3163                    | Death and Dying                      |     |
| PHIL 4013                    | Christian Ethics                     |     |
| Choose one of the following: |                                      |     |
| COMM 3033                    | Interpersonal Communication          | 3   |
| COMM/CHMM 4313               | Intercultural Communication          |     |
| MGMT 3043                    | Organization Behavior and Management |     |
| Choose one of the following: |                                      |     |
| MATH 2014                    | Calculus I                           | 3-4 |
| MATH 2063                    | Elementary Statistics                |     |
| BIOL 3083                    | Biostatistics                        |     |
| NSCI 2001                    | Health Professions Seminar           | 1   |
| NSCI 4002                    | Medical Terminology                  | 2   |
| PSYC 1013 <i>or</i>          | General Psychology <i>or</i>         | 3   |
| SOCI 1003                    | Introduction to Sociology            |     |
| Choose one of the following: |                                      |     |
| PSYC/SOCI 3013               | Social Psychology                    | 3   |
| PSYC 3093                    | Abnormal Psychology                  |     |
| SOCI 4073                    | Medical Sociology                    |     |
| SERV 2000                    | TranServe (three semesters required) | 0   |
| CORE 2053                    | Composition II                       | 3   |
| ENGL 3013                    | Technical & Professional Writing     |     |
| FINN 2003                    | Personal Finance                     | 3   |
| CHEM 1004                    | General Chemistry I                  | 4   |
| CHEM 1014                    | General Chemistry II                 | 4   |
| PHIL 1023                    | Logic                                | 3   |

| <b>Carl Goodson Honors Program (Required)</b>                                                                      |                                |              |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|
| Take three honors-designated CORE classes (or contracted course for honors credit) (Hours counted in Core summary) |                                | 0            |
| HNRS 3                                                                                                             | 1 Honors Seminar (taken twice) | 2            |
| HNRS 3001                                                                                                          | Honors Directed Studies        | 1            |
| HNRS 498                                                                                                           | Honors Thesis                  | 4            |
| <b>TOTAL</b>                                                                                                       |                                | <b>42-43</b> |

|                                                                                      |   |
|--------------------------------------------------------------------------------------|---|
| <b>ELECTIVES:</b> Choose courses to total 120 hours, including 39 Jr/Sr-level hours. | - |
|--------------------------------------------------------------------------------------|---|

| <b>ADDITIONAL EXPERIENCES (Not Coursework)</b>                                                 |  |
|------------------------------------------------------------------------------------------------|--|
| Study Abroad Experience (Taking courses at an international university is strongly suggested.) |  |
| 75 hours of clinical shadowing                                                                 |  |
| One on-campus and one off-campus research presentation                                         |  |

| <b>CREDIT HOUR SUMMARY</b>          |                |
|-------------------------------------|----------------|
| <b>CORE</b>                         | <b>35-36</b>   |
| <b>MAJOR</b>                        | <b>27-31</b>   |
| <b>MINOR</b>                        | <b>18</b>      |
| <b>ADDITIONAL AREA REQUIREMENTS</b> | <b>42-43</b>   |
| <b>ELECTIVES</b>                    | <b>-</b>       |
| <b>TOTAL</b>                        | <b>122-128</b> |