

Samford University  
**McWhorter School of Pharmacy**  
**Pre-Pharmacy Prerequisite Course Guide**  
for  
**CLEVELAND STATE COMMUNITY COLLEGE**

| <u>SUBJECT AREA</u>   | <u>COURSE #'s</u>                                |
|-----------------------|--|
| ENGLISH               | 1010, 1020                                       |
| LITERATURE            | 2000 level or above Literature course            |
| MATHEMATICS           | 1730   |
| MATHEMATICS SELECTIVE | <b>1530 (recommended)</b> or 1910                |
| BIOLOGY               | 1110, 2010, 2020                                 |
| BIOLOGY SELECTIVE*    | <b>2230 (recommended)</b>                        |
| CHEMISTRY             | 1110, 1111, 1120, 1121<br>2010, 2011, 2020, 2021 |
| HISTORY               | 1110 or 1120                                     |
| SPEECH                | 2310   |
| PHYSICAL EDUCATION    | HED 2010   |
| LIBERAL ARTS **       | 9 HOURS REQUIRED                                 |

**This course guide shows the minimum credits needed to apply to the school of pharmacy. Please be aware that matriculating students with <72 total credits are not eligible for full graduate level financial aid. Please discuss with our pre-pharmacy advisor for more information.**

*\*Biology selective course options (200/2000 level or higher): Foundations of Biology I, Microbiology, or Introduction to Pharmacology*

*\*\* Liberal Arts selective course options:*

- *one selective must be from a specific social science course; Psychology (PSYC 201), Sociology (SOC 101), Political Science, Geography, or Economics*
- *the other two liberal arts selectives can be any liberal arts, including social sciences or humanities/fine arts; History, Literature, Foreign Languages, Philosophy, Religion, and either Art, Music, or Drama Appreciation (no more than three credits may be in appreciation courses).*

**BOLDED** courses are the selective courses recommended by first year Pharmacy faculty.

For any questions or assistance please contact: [pharmacyadmit@samford.edu](mailto:pharmacyadmit@samford.edu)

[Request more information about McWhorter School of Pharmacy](#)

[Schedule a sit down with our recruiter or Director of Pharmacy](#)