

2023-2024 Summary of Course Prerequisites

The 2023-2024 AACP Course Prerequisite Summary is intended to help applicants more easily determine how the course prerequisites for Doctor of Pharmacy (Pharm.D.) degree programs overlap across colleges and schools of pharmacy in the United States. The Summary reflects the total number of semester hours pharmacy applicants must complete per subject area, as captured in the [PharmCAS School Directory](#). Some colleges and schools of pharmacy offer more than one program, pathway, or campus for Pharm.D. degree students and are represented in the Summary more than once. The Summary generally reflects the minimum number of course prerequisites per program. Pharmacy schools may have additional requirements, recommended courses, preferences, or policies that are not reflected in the Summary. Schools may also allow applicants to substitute courses or choose different prerequisite tracks. Applicants should not rely solely on this Summary to determine the course prerequisites for a particular pharmacy school. Visit the [PharmCAS School Directory](#) for program-specific details and contact schools directly to determine whether a particular college course will fulfill a prerequisite.

Course Subject Descriptors:

The following descriptors are only intended to provide general guidance. Not all course subjects are described, and no school requires prerequisite courses in every subject. Schools may require specific or advanced courses in a particular subject area. Visit the [PharmCAS School Directory](#) for program-specific details.

- **Anatomy, Physiology, and Anatomy & Physiology:** Schools often accept separate anatomy and physiology courses OR combined anatomy & physiology (A&P) I and II courses. Lab requirements vary.
- **Biochemistry:** Lab requirements vary.
- **Biology/Biological Science:** General biology I & II are commonly required. Genetics or cell biology may also be required. Lab requirements vary.
- **Chemistry:** General chemistry I & II and organic chemistry I & II are commonly required. Lab requirements vary.
- **Communication/Speech (Verbal):** Public speaking or speech may be preferred or required.
- **Humanities:** General or specific courses in history, languages, literature, philosophy, the arts, or religion may be required.
- **Microbiology:** Lab requirements vary.
- **Physics:** Lab requirements vary.
- **Psychology:** General psychology is most commonly required. See also social/behavioral science.
- **Math:** Calculus (non-business) is most commonly required.
- **Social/Behavioral Science:** Psychology and/or sociology may be preferred or required.
- **Statistics:** Biostatistics may be preferred or required.

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|--|-----------|--------------|------------------------|--------------|----------------------------|-----------|---------------------------------|------------------|-----------|-------------------------------|--------|------------------|------------|------|--------------|---------|------------|--------------------------|---------------------------|------------|---------------------|-------|-------------|
| LECOM - FL | | | | | 8 | 16 | | | 3 | 6 | | | | 3 | | 3 | | | 3 | 3 | 9 | | 54 |
| LECOM - Online | | | | | | 16 | | | 3 | 6 | | | | 3 | | 3 | | | 3 | 3 | 9 | | 46 |
| LECOM - PA | | | | | 8 | 16 | | | 3 | 6 | | | | 3 | | 3 | | | 3 | 3 | 9 | | 54 |
| Lipscomb U | | | | | 8 | 16 | 3 | | | 6 | | | | 3 | 4 | | | | | 3 | 18 | | 61 |
| Loma Linda U | | | | | 8 | 16 | | | | 6 | | | 12 | | | 4 | | | 12 | | | | 58 |
| Long Island U | | | 8 | | 8 | 16 | 3 | | 3 | 6 | | | 6 | 4 | 4 | 4 | 3 | | | 3 | | 1 | 69 |
| Manchester U | | | 3 | | 3 | 12 | 3 | | 3 | 3 | | | | 3 | 3 | | | | | 3 | 9 | 12 | 57 |
| Manchester U-Distance | | | 3 | | 3 | 12 | 3 | | 3 | 3 | | | | 3 | 3 | | | | | 3 | 9 | 12 | 57 |
| Marshall B Ketchum U | 3 | 3 | | | 6 | 12 | 3 | | 3 | 3 | | | | 3 | 3 | | 3 | | | | | | 42 |
| Marshall U | 4 | 4 | | | 8 | 16 | | | | 6 | | | | 3 | 4 | 4 | | | 3 | 3 | | | 55 |
| MCPHS - Boston BS/BA Holders | | | 3 | | 7 | 15 | | | | 6 | | | | 3 | 4 | 3 | 3 | | 3 | 3 | 15 | | 65 |
| MCPHS - Boston Early Assurance | | | 3 | | 7 | 15 | | | | 6 | | | | 3 | 4 | 3 | 3 | | 3 | 3 | 15 | | 65 |
| MCPHS - Boston Transfer Students | | | 3 | | 7 | 15 | | | | 6 | | | | 3 | 4 | 3 | 3 | | 3 | 3 | 15 | | 65 |
| MCPHS - Manchester | | | 3 | | 7 | 15 | | | 3 | 6 | | | | 6 | 3 | 3 | 3 | | 3 | 3 | 12 | | 67 |
| MCPHS - Worcester | | | 3 | | 7 | 15 | | | 3 | 6 | | | | 6 | 3 | 3 | 3 | | 3 | 3 | 12 | | 67 |
| Med C Wisconsin | | | | | 12 | 15 | 3 | | | 3 | | | | 3 | | | | | | 3 | 12 | | 51 |
| Med U South Carolina | 3 | 3 | | | 8 | 16 | 3 | | | 6 | | | | 3 | 3 | 3 | 3 | | | 3 | 9 | | 63 |

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|--|-----------|--------------|------------------------|--------------|----------------------------|-----------|---------------------------------|------------------|-----------|-------------------------------|--------|------------------|------------|------|--------------|---------|------------|--------------------------|---------------------------|------------|---------------------|-------|-------------|----|
| Mercer U | | | 6 | | 8 | 16 | 3 | | 3 | 6 | | | 6 | 3 | 3 | | | | 6 | 3 | | | | 63 |
| Midwestern U - AZ | 3 | | | | 8 | 16 | 3 | | 3 | 6 | | | | 3 | | 3 | | | 6 | 3 | 8 | | | 62 |
| Midwestern U - IL | 3 | | | | 8 | 16 | 3 | | 3 | 6 | | | | 3 | | 3 | | | 6 | 3 | 8 | | | 62 |
| NEOMED U | | | 3 | 3 | 8 | 16 | | | | 6 | | | | 3 | 3 | 3 | | | | 3 | 12 | | | 60 |
| North Dakota St U | | | 8 | 6 | 8 | 15 | 3 | | 3 | 9 | | | 6 | 4 | 5 | 3 | | | 3 | 3 | | 8 | | 84 |
| Northeastern U - BS/BA Holders | | | 7 | 3 | 7 | 15 | | | | | | | 4 | 3 | | | | | | | | | | 39 |
| Northeastern U - Dual | | | 7 | 3 | 7 | 15 | | | | | | | 4 | 3 | | | | | | | | | | 39 |
| Northeastern U - Early Assurance | | | 7 | 3 | 7 | 15 | | | | | | | 4 | 3 | | | | | | | | | | 39 |
| Northeastern U - Transfer Students | | | 7 | 3 | 7 | 15 | | | | 4 | | | | 3 | | | 4 | | | | | | | 43 |
| Notre Dame Maryland U | | | 6 | | 8 | 16 | 3 | | | 6 | | | | 3 | 4 | 3 | | | | 3 | | | | 52 |
| Nova Southeastern U | | | 6 | | 8 | 16 | 3 | | | 6 | | | 3 | 3 | | 3 | | 6 | 3 | | 9 | | | 66 |
| Ohio Northern U | | | 8 | | 4 | 16 | | | | | | | | 3 | | 3 | | | | 3 | | | | 37 |
| Ohio St U, The | | 3 | | 3 | 3 | 17 | | | | | | | | 4 | 3 | | | | | 3 | | | | 36 |
| Oregon St U | | 4 | | 4 | 8 | 16 | | | 3 | | | | | 3 | 3 | | | | | 3 | | | | 44 |
| Pacific U Oregon | | | 8 | | 8 | 16 | 3 | | 3 | 6 | | | 3 | 3 | 3 | 3 | 3 | | 3 | | | | | 62 |
| Palm Beach Atlantic U | | | 8 | 3 | 8 | 16 | 3 | | | 6 | | | | 3 | 4 | | | | | 3 | 9 | | | 63 |
| PCOM - GA | | | 4 | | 8 | 16 | | | | 6 | | | 3 | 3 | | | | | 3 | | 17 | | | 60 |

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| Presbyterian C | | | 6 | | 8 | 16 | | | | 6 | | | 6 | 3 | 4 | 3 | | | 3 | 3 | | | | 58 |
| Purdue U | | | 8 | 3 | 11 | 16 | 3 | | 3 | 3 | | | | 3 | 4 | 4 | | | | 3 | | | 3 | 64 |
| Regis U | 3 | 3 | | | 12 | 16 | 3 | | | 3 | | | | 3 | | | | | 6 | | 6 | | | 55 |
| Roosevelt U | | | 5 | | 6 | 12 | 3 | | 3 | 6 | | | 9 | 3 | | 3 | | | | | 3 | | | 53 |
| Rosalind Franklin U Med Sci | | | 3 | | 6 | 12 | | | | 6 | | | | 3 | 3 | | | | | | 3 | 15 | | 51 |
| Roseman U Hlth Sci | 3 | 3 | | | | 16 | 3 | | | 3 | | | | 3 | 3 | | | | | | | 26 | | 60 |
| Rutgers U | | 3 | | | 9 | 18 | | | 3 | 6 | | | | 4 | | 7 | | | | 3 | 3 | 12 | | 68 |
| Saint Josephs U Philadelphia | | | 6 | | 8 | 16 | 3 | | 3 | 6 | | | 6 | 3 | 4 | 4 | | | | 3 | 3 | | | 65 |
| Samford U | | | 8 | | | 16 | 3 | | | 6 | | | 6 | 4 | 4 | | | | | 3 | 3 | 9 | 2 | 64 |
| Shenandoah U | | | 6 | | 14 | 12 | | | 3 | 6 | | | 3 | 3 | 3 | 3 | | | | 3 | 3 | | | 59 |
| Shenandoah U-Online | | | 6 | | 14 | 12 | | | 3 | 6 | | | 3 | 3 | 3 | 3 | | | | 3 | 3 | | | 59 |
| South College (TN) - On Campus | | | 8 | | 8 | 16 | 3 | | 3 | 6 | | | 9 | 3 | 4 | | | | | 6 | 3 | | | 69 |
| South College (TN) - Online | | | 8 | | 8 | 16 | 3 | | 3 | 6 | | | 9 | 3 | 4 | | | | | 6 | 3 | | | 69 |
| South Dakota St U | 4 | 4 | | | 3 | 16 | 3 | | 3 | 6 | | | | 5 | 4 | | | | | | 3 | | | 51 |
| South U - GA | | | 6 | | 4 | 16 | | | | 3 | | | | 3 | | | | 16 | | | | 12 | | 60 |
| Southern Illinois Edwardsville | | | 8 | | 8 | 16 | 3 | | 3 | 6 | | | | 4 | 3 | 4 | | | | 3 | 3 | 3 | | 64 |
| Southwestern Oklahoma St U | 4 | | | | 4 | 18 | 3 | 3 | 3 | 6 | | | 12 | 3 | 5 | 3 | 3 | | | | | | | 67 |

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|--|-----------|--------------|------------------------|--------------|----------------------------|-----------|---------------------------------|------------------|-----------|-------------------------------|--------|------------------|------------|------|--------------|---------|------------|--------------------------|---------------------------|------------|---------------------|-------|-------------|
| St. John Fisher C | | | | | 12 | 16 | 3 | | 3 | 6 | | | | 3 | | 4 | | | | 3 | 12 | | 62 |
| St. John Fisher C Online | | | | | 12 | 16 | 3 | | 3 | 6 | | | | 3 | | 4 | | | | 3 | 12 | | 62 |
| St. John's U | | | 3 | 5 | 3 | 12 | 3 | | | 3 | 3 | | 21 | 3 | | | | | | 3 | | 8 | 67 |
| Sullivan U | | | 3 | | 4 | 16 | 2 | | | 6 | | | | 3 | 4 | | | | | 3 | 21 | | 62 |
| Temple U | | | 6 | | 8 | 16 | | | 3 | 3 | | | 9 | 4 | | 4 | | | 9 | 3 | | | 65 |
| Texas A&M U | | | | | 11 | 16 | 3 | | | 6 | | | 3 | 3 | 4 | 4 | | | 3 | 3 | | 15 | 71 |
| Texas Southern U | | | 4 | | 8 | 16 | | | | 6 | | | | 10 | 4 | 4 | | | 3 | | | 30 | 85 |
| Texas Tech U HSC | | | | | 8 | 16 | 3 | | | 6 | | | 15 | 4 | 4 | 4 | | | | 3 | | 3 | 66 |
| Thomas Jefferson U | | | 8 | | 8 | 16 | | | | 3 | | | 9 | 3 | 4 | 4 | | | 9 | | 8 | | 72 |
| Touro C - NY | 4 | 4 | | 3 | 8 | 16 | 3 | | 3 | 3 | | | 6 | 3 | 4 | 4 | | | 6 | | | | 67 |
| Touro U - CA | | 3 | | | | 16 | | | | | | | | 3 | 4 | | | | | | | | 26 |
| U at Buffalo | 3 | 3 | | 3 | 8 | 16 | | | | 6 | | | | 3 | 3 | | | | 3 | 3 | | | 51 |
| U of Arizona, The | | | 8 | | 4 | 16 | | | | 6 | | | 9 | 3 | 4 | 3 | | | 6 | 3 | | | 62 |
| U of Arkansas Med Sci | | | | | 8 | 16 | | | | | | | | 3 | 4 | | | 9 | | | | 20 | 60 |
| U of California, Irvine | | 3 | | 3 | 3 | 16 | 3 | | 3 | 3 | | | | 3 | | | 3 | | | 3 | | | 43 |
| U of California, San Diego | | 3 | | | 8 | 16 | 3 | | 3 | 6 | | | | 3 | | 3 | | | 3 | | | | 48 |
| U of California, San Francisco | | 3 | | | 8 | 16 | 3 | | 3 | 5 | | | | 3 | 3 | | | | 3 | 3 | | 10 | 60 |

