

2015-2016 Summary of
Pre-professional Course Requirements by Pharmacy Degree Institution

| AACPP Member Institutions | PharmCAS Scores* | | | | SOPH I | SOPH II | Math/Phys/Health | 2nd Yr | 3rd Yr | 4th Yr | Seminars or Courses in | Biology | Chemistry | Physics | Statistics | Computer | Foreign Lang | Writing | Art | Music | Social Science | Humanities | Languages | Other | Total | |
|---|------------------|-----------|-----------|-----------|--------|---------|------------------|--------|--------|--------|------------------------|---------|-----------|---------|------------|----------|--------------|---------|-----|-------|----------------|------------|-----------|-------|-------|--|
| | Total PCH | Total PCH | Total PCH | Total PCH | | | | | | | | | | | | | | | | | | | | | | |
| New Mexico, Univ. of | 128 | 91 | | | | | | | | | | | | | | | | | | | | | | | | |
| North Carolina Chapel Hill, Univ. of | 130 | 62-65 | | | | | | | | | | | | | | | | | | | | | | | | |
| North Dakota State Univ. | | 76 | | | | | | | | | | | | | | | | | | | | | | | | |
| North Texas, Univ. of | | 71 | | | | | | | | | | | | | | | | | | | | | | | | |
| Northeast Ohio (NEOMED) | 105 | 72 | | | | | | | | | | | | | | | | | | | | | | | | |
| Northeastern Univ. (MA) | | 59 | X | | | | | | | | | | | | | | | | | | | | | | | |
| Notre Dame of Maryland Univ. | 105 | 72 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nova Southeastern Univ. (FL) | | 66 | 64 | | | | | | | | | | | | | | | | | | | | | | | |
| Ohio Northern Univ. | | 119 | X | | | | | | | | | | | | | | | | | | | | | | | |
| Ohio State Univ. The | 180 | 120 | | X | | | | | | | | | | | | | | | | | | | | | | |
| Oklahoma, Univ. of | | 64 | | | | | | | | | | | | | | | | | | | | | | | | |
| Oregon State Univ. | | 99 | 66 | | | | | | | | | | | | | | | | | | | | | | | |
| Pacific, Univ. of the (CA) | | 98 | 64 | | | | | | | | | | | | | | | | | | | | | | | |
| Pacific, Univ. Oregon | | 93 | 62 | | | | | | | | | | | | | | | | | | | | | | | |
| Palm Beach Atlantic Univ. (FL) | | 66-67 | | | | | | | | | | | | | | | | | | | | | | | | |
| Philadelphia College of Osteopathic Medicine (GA) | | 91 | 60 | | | | | | | | | | | | | | | | | | | | | | | |
| Philadelphia, Univ. of the Sciences in (PA) | | 85 | X | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh, Univ. of (PA) | | 74 | 60-63 | | | | | | | | | | | | | | | | | | | | | | | |
| Presbyterian College (SC) | | 102 | 64 | | | | | | | | | | | | | | | | | | | | | | | |
| Puerto Rico, Univ. of | | 75-80 | | | | | | | | | | | | | | | | | | | | | | | | |
| Purdue Univ. (IN) | | 90 | 60 | | | | | | | | | | | | | | | | | | | | | | | |
| Regis Univ. (CO) | | 108 | 72 | | | | | | | | | | | | | | | | | | | | | | | |
| Rhode Island, Univ. of | | 119 | X | | | | | | | | | | | | | | | | | | | | | | | |
| Roosevelt Univ. (IL) | | 96 | 67 | | | | | | | | | | | | | | | | | | | | | | | |
| Rosalind Franklin Univ. (IL) | | 87 | 60 | | | | | | | | | | | | | | | | | | | | | | | |
| Roseman Univ. of Health Sciences | | 90 | 60 | | | | | | | | | | | | | | | | | | | | | | | |
| Rutgers, The State Univ. of NJ | | 102 | 69 | X | | | | | | | | | | | | | | | | | | | | | | |
| Saint Joseph, Univ. of (CT) | | 102 | 69 | X | | | | | | | | | | | | | | | | | | | | | | |
| Samford Univ. (AL) | | 64-67 | | | | | | | | | | | | | | | | | | | | | | | | |
| Shenandoah Univ. (VA) | | 71 | 63 | | | | | | | | | | | | | | | | | | | | | | | |
| South Carolina COP | | 99 | 66 | | | | | | | | | | | | | | | | | | | | | | | |
| South College (TN) | | 104 | 73 | | | | | | | | | | | | | | | | | | | | | | | |
| South Dakota State Univ. | | 86 | | | | | | | | | | | | | | | | | | | | | | | | |
| South Florida, Univ. of | | 104 | 72 | | | | | | | | | | | | | | | | | | | | | | | |
| South Univ. (GA & SC) | | 63-68 | | | | | | | | | | | | | | | | | | | | | | | | |
| Southern California, Univ. of | | 119 | X | | | | | | | | | | | | | | | | | | | | | | | |
| Southern Illinois Univ. Edwardsville | | 70 | | | | | | | | | | | | | | | | | | | | | | | | |
| St. John Fisher College (NY) | | 93 | 62 | | | | | | | | | | | | | | | | | | | | | | | |
| St. John's Univ. (NY) | | 119 | X | | | | | | | | | | | | | | | | | | | | | | | |
| St. Louis COP (MO) | | 58 | X | | | | | | | | | | | | | | | | | | | | | | | |
| Sullivan Univ. (KY) | | 108 | 72 | | | | | | | | | | | | | | | | | | | | | | | |
| Southwestern Oklahoma State Univ. | | 67 | | | | | | | | | | | | | | | | | | | | | | | | |
| Temple Univ. (PA) | | 60-65 | | | | | | | | | | | | | | | | | | | | | | | | |
| Tennessee, The Univ. of | | 90 | | | | | | | | | | | | | | | | | | | | | | | | |
| Texas A&M Univ. | 108-112 | 72-75 | | | | | | | | | | | | | | | | | | | | | | | | |
| Texas Southern Univ. | | 80 | | | | | | | | | | | | | | | | | | | | | | | | |
| Texas Tech Univ. | | 72 | | | | | | | | | | | | | | | | | | | | | | | | |
| Texas Austin, Univ. of | 102-5 | 66 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thomas Jefferson Univ. (PA) | | 106 | 69 | | | | | | | | | | | | | | | | | | | | | | | |
| Toledo, Univ. of (OH) | | 63 | | | | | | | | | | | | | | | | | | | | | | | | |
| Touro Univ. (CA) | | 119 | X | | | | | | | | | | | | | | | | | | | | | | | |
| Touro College (NY) | | 119 | X | | | | | | | | | | | | | | | | | | | | | | | |
| Union Univ. (TN) | | 104 | 69 | | | | | | | | | | | | | | | | | | | | | | | |
| Utah, Univ. of | | 119 | | | | | | | | | | | | | | | | | | | | | | | | |
| Virginia Commonwealth Univ. | | 135 | 90 | | | | | | | | | | | | | | | | | | | | | | | |
| Washington, Univ. of | | 96 | 64 | | | | | | | | | | | | | | | | | | | | | | | |
| Washington State Univ. | | 60 | | | | | | | | | | | | | | | | | | | | | | | | |
| Wayne State Univ. (MI) | | 60 | | | | | | | | | | | | | | | | | | | | | | | | |
| West Coast University | | 64-5 | 63 | | | | | | | | | | | | | | | | | | | | | | | |
| West Virginia Univ. | | 100 | 65 | | | | | | | | | | | | | | | | | | | | | | | |
| Western New England Univ. (MA) | | 67 | | | | | | | | | | | | | | | | | | | | | | | | |
| Western Univ. (CA) | | 90 | 60 | | | | | | | | | | | | | | | | | | | | | | | |
| Wilkes Univ. (PA) | | 119 | | | | | | | | | | | | | | | | | | | | | | | | |
| Wingate Univ. (NC) | | 61-67 | | | | | | | | | | | | | | | | | | | | | | | | |
| Wisconsin, Univ. of | | 102 | 69 | | | | | | | | | | | | | | | | | | | | | | | |
| Wyoming, Univ. of | | 55 | 67 | | | | | | | | | | | | | | | | | | | | | | | |
| Xavier Univ. (LA) | | 63 | | | | | | | | | | | | | | | | | | | | | | | | |
| Total # REQUIRED | | | | | 9 | 9 | | | | | | | | | | | | | | | | | | | | |
| Total # CONDITIONALLY REQUIRED | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total # SUGGESTED | | | | | | | | | | | | | | | | | | | | | | | | | | |

KEY

General Guidelines: If applicable, courses should be for science majors and include a lab. Check the institution's web site for specific guidelines or clarification

R: Required for admission

CR: Conditional Requirement, subject may be substituted to fill prerequisite

S: Suggested/Recommended, not required for admission

^a Social Science requirement may include any of the following subjects: Psychology, Sociology, Anthropology, Political Science, Economics, Geography. Please contact individual school to determine how many hours/classes are required to fulfill their requirements.

^b Humanities requirement may include any of the following subjects: History, Civilizations, Fine Arts, Literature, Philosophy, Religious Studies, Ethics, Foreign Language, Cultural Diversity, Performing Arts, Visual Arts. Please contact individual schools to determine institution specific requirements.

^c Contact institution for specific course equivalencies

^d Contact schools with this requirement for course equivalencies

^f General Education requirement is often the non-science courses pre-requisites. Contact schools with Gen Ed requirement for courses.

** These colleges of pharmacy are not yet eligible to join AACP as institutional members. They participate in PharmCAS and have had an ACPE site visit approved but have no official ACPE status. All PharmCAS applicants that designate these schools are required to apply to another school with ACPE status (last updated on August 21, 2010)

[^] Units

^{^^} Two courses are required for subject

^{^^^} Three courses are required for subject

^{^^^^} Four courses are required for subject

¹ Microeconomics

² Macroeconomics

³ Core Fine Arts: Art Appreciation, Art History, Music Appreciation, or Theater Appreciation

⁴ Healthcare related ethics

⁵ American Government / Politics

⁶ U.S. History

⁷ Medical Microbiology

⁸ US and/or Texas Government/History: check school's requirements

⁹ Must meet the UW-Madison Communication "A" requirement

¹⁰ U.S. Society

¹¹ The United States Before 1877 or equivalent and The United States Since 1877 or equivalent

¹² Must be fluent, or near fluent, in Spanish. All patient interaction is conducted in Spanish.

¹³ American Culture

¹⁴ Performing and Fine Arts (including Music), Physical Education, Foreign Languages, Computers or similar courses will not meet this requirement.

¹⁵ Sophomore Level English Composition Course

¹⁶ Rhetoric and Composition Course

¹⁷ Calculus course must include Analytical Geometry component

¹⁸ Accounting

¹⁹ Introduction to Technical Communication

²⁰ World History

²¹ Professional / Technical Writing

²² Technical or Creative Writing

²³ Speech/Interpersonal Communications

²⁴ Statistics: Biostatistics

²⁵ General Biology I and II will no longer be required beginning with the class of 2008, see note 30

²⁶ Molecular Biology and Genetics will be required beginning with the class of 2008

²⁷ Physiology and lab not required

²⁸ Statistics - Must have a general statistics or biostatistics emphasis; a course in business statistics is not acceptable.

²⁹ Course for life sciences majors

³⁰ American Diversity

³¹ World Civilizations

³² Masterworks in Literature

³⁴ Physics: Calculus or Trigonometry based

³⁵ Mammalian or Human Physiology (Upper Division Required): 4-6 semester hours PLUS Human Anatomy & Physiology I and II: 8 semester hours

³⁶ Physics must include mechanics, thermodynamics, force, and motion. May be non-calculus based.

³⁷ Calculus with integration and differentiation

³⁸ Global and Historical Studies

³⁹ Calculus and Analytical Geometry

⁴⁰ Pathogenic Microbiology

⁴¹ Physiology upper division; not anatomy and physiology

⁴² Exclusively physiology, two courses may be required if taking combined anatomy and physiology

⁴³ US History and World History or World Cultural Geography

⁴⁴ Global Diversity

⁴⁵ Physics: with lab, including the study of electricity and magnetism

⁴⁶ Physiology: whole animal / human / mammalian physiology

⁴⁷ Physics: including thermodynamics and electromagnetism

⁴⁸ Functional Anatomy and Pathophysiology

⁴⁹ Physiology and Pathology

⁵⁰ Public Speaking must include at least 3 major individual speeches and 1 minor presentation for 50% of course grade. A course syllabus may be required to confirm course content if the course is not titled as Public Speaking.

⁵¹ Biological Sciences (8 hours are required, 12 hours are strongly recommended): Recommended: General Biology, Human Anatomy & Physiology, &/or Microbiology. Also Appropriate: Immunology, Cell Biology, Genetics, Medical Terminology, Biochemistry.

⁵² Pharmacy Calculations- Can be completed at Cedarville University during the summer prior to enrollment.

⁵³ World History