

ROSALIND FRANKLIN UNIVERSITY OF MEDICINE AND SCIENCE

Program Planning Guide – College of Pharmacy - A.S. TO PharmD

Use in tandem with the Articulation Agreement on this webpage:

<http://www.clcillinois.edu/student-services/counseling-advising-transfer/transfer-planning/transfer-guides/guides-and-agreements>

For more information please contact Scott Hanes, Vice Dean and Associate Professor in the College of Pharmacy at Rosalind Franklin at 847-578-8763 or scott.hanes@rosalindfranklin.edu

The College of Pharmacy program gives priority status and considers admission to the Doctor of Pharmacy program for College of Lake County students who have met the following criteria:

- a. Successful completion of the pre-pharmacy prerequisites.
- b. Minimum cumulative grade point average of 2.75 out of 4.0. (all grades earned are calculated into GPA, including repeated courses).
- c. Minimum grade point average of 2.75 out of 4.0 in all prerequisite courses.
- d. A letter from the Dean of Biological & Health Sciences that identifies applicant as a student in good standing.

The College of Pharmacy will strive to offer up to ten (10) spots in the pharmacy program each year for students from College of Lake County. College of Lake County pre-pharmacy students requesting admission to the College of Pharmacy program will submit the appropriate Rosalind Franklin University of Medicine and Science College of Pharmacy application for admission, application fee, official transcript from College of Lake County, and any other necessary transcripts or credentials in support of his/her application, as required by university policy through PharmCAS. After submitting the required application materials, applicants will be evaluated as soon as possible (priority status) for early consideration for admission.

For more information on what you need to apply to Rosalind Franklin, please visit: <http://www.rosalindfranklin.edu/Degreeprograms/Pharmacy/apply.aspx>

Pre-Pharmacy Prerequisite Courses: (Note: courses below have prerequisites that must be met: consult catalog course descriptions).	CLC Semester Hours
Science Courses	
BIO 161 General Biology I and BIO 162 General Biology II	8
CHM 121 General Chemistry I and CHM 123 General Chemistry II	10
CHM 222 Organic Chemistry I and CHM 223 Organic Chemistry II	10
MTH 145 Calculus and Analytic Geometry I ¹	5
MTH 142 or 222 Statistics ²	3 or 4
BIO 244 Anatomy and Physiology I ³	4
BIO 246 Microbiology	4
General Education Courses	
CMM 121 Fundamentals of Speech	3
ENG 121 English Composition I and ENG 122 English Composition II	6
PSY 121 Introduction to Psychology	3

ECO 221 Macroeconomics or ECO 222 Microeconomics	3
Humanities: PHI 125 Introduction to Ethics (recommended as it fulfills I/M requirement) and Fine Arts Elective	6
Total	65 or 66

¹ MTH 145 has college level prerequisite: see catalog course description for prerequisite options

² The stats course option depends on the calculus sequence taken, since MTH 142 will not fulfill the A.S. General Education math requirement (whereas MTH 222 does). Therefore if both MTH 144 & 145 are taken, the math requirement is fulfilled and either stats course may be taken. If MTH 145 is taken without having to take the MTH 144 prerequisite, it is advised to take MTH 222 in order to fulfill the A.S. General Education math requirement.

³ BIO 244 is required for RFUMS, however some pharmacy programs require BIO 244 & 245 as prerequisites. If applying to additional programs, consider taking both at CLC. Also, PHY 121 & 122 are not required at RFUMS but may be elsewhere.

One possible plan for courses taken at CLC is shown below. All courses listed in Year 1, Summer 1 and Year 2 are required for admission to the College of Pharmacy with exception to BIO 245 (see footnote 3 below). The plan below meets the degree requirements for the Associate in Science degree from the College of Lake County.

Fall Semester**Spring Semester**

Year 1 at College of Lake County	
BIO 161: General Biology I (4 cr)	BIO 162: General Biology II (4 cr)
CHM 121: General Chemistry I (5 cr)	CHM 123: General Chemistry II (5 cr)
ENG 121: English Composition I (3 cr)	ENG 122: English Composition II (3 cr)
PSY 121: Introduction to Psychology (3 cr)	MTH 145: Calculus and Analytic Geometry ² (5 cr)
MTH 142 or 222 Statistics ¹ (3 or 4 cr)	
Summer 1 at College of Lake County	
Fine Arts elective ³ (3 cr)	
Year 2 at College of Lake County	
BIO 244: Anatomy and Physiology I (4 cr)	BIO 245: Anatomy and Physiology II ⁴ (4 cr)
CHM 222: Organic Chemistry I (5 cr)	CHM 223: Organic Chemistry II (5 cr)
CMM 121: Fundamentals of Speech (3 cr)	BIO 246 Microbiology (4 cr)
PHI 125: Introduction to Ethics ³ (3 cr)	ECO 221/222: Macro or Microeconomics (3 cr)
Total Hours: 69 - 70 semester hours	
<p>¹ The stats course option depends on the calculus sequence taken, since MTH 142 will not fulfill the A.S. General Education math requirement (whereas MTH 222 does). Therefore if both MTH 144 & 145 are taken, the math requirement is fulfilled and either stats course may be taken. If MTH 145 is taken without having to take the MTH 144 prerequisite, it is advised to take MTH 222 in order to fulfill the A.S. General Education math requirement.</p> <p>² MTH 145 has college level prerequisite: see catalog course description for prerequisite options.</p> <p>³ Must have at least one course from Humanities and one course from Fine Arts. One course must meet CLC's International/ Multicultural requirement, if you do not take PHI 125 in Year 2.</p> <p>⁴ BIO 245 is not required for admission to RFUMS, however many pharmacy programs require both BIO 244 & 245 as prerequisites. If applying to additional pharmacy programs it is recommended to take both courses at CLC.</p> <p>⁵ PHY 121 & 122 are not required for admission to RFUMS, however many pharmacy programs require PHY 121 & 122 as prerequisites. If applying to additional pharmacy programs consider taking both courses at CLC.</p>	

For more information on Rosalind Franklin University of Medicine and Science, please contact
 Grayslake Advising Center, Room B118 (847) 543-2060
 Transfer Guides can be viewed online at <http://www.clcillinois.edu/transferinfo>