

# FERRIS STATE UNIVERSITY

## COLLEGE OF PHARMACY

### *Application Guide: For Pharmacy Professional Program (Pharm.D)*

## Grand Valley State University

Pre-Pharmacy Requirements for entry into the Doctor of Pharmacy Program for those applying for the entry in Fall, 2020 and beyond.

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**Please read this information in its entirety. The information contained here supersedes any information leaflets or brochures provided by other colleges and universities and previous editions of the application or transfer guides.**

Completion of the pre-requisites does not guarantee admissions to the College of Pharmacy. Recommended courses and requirements are subject to change without notice. Similar or more advanced courses may be acceptable. Applicants should ascertain the availability of remaining prerequisites prior to application to ensure all of the required pre-pharmacy coursework can be completed prior to entry into the Doctor of Pharmacy program (if granted). Consult our admissions website for complete information on requirements, deadlines, course completion timeframe, PCAT, AP/CLEP credit, etc at:

<http://www.ferris.edu/HTMLS/colleges/pharmacy/admissions/homepage.htm>

Pre-Pharmacy Requirements Applicable to Fall 2020 and beyond	Semester Hours Required	Recommended Courses
General Biology with laboratory	8	BIO120 or CMB155/156, BIO121
Anatomy & Physiology with laboratory	7	BMS208, BMS290, BMS291
Microbiology with laboratory	3-4	BMS212, BMS213
Inorganic Chemistry with laboratory	8-10	CHM115, CHM116
Organic Chemistry with laboratory	8-10	CHM241, CHM242 or CHM 245/246, CHM 247/248
Calculus	3-4	MTH125 or MTH201
Biochemistry	3-4	CHM232 or CHM461
Genetics	3	BIO355 or BIO375
Statistics	3	STA215
Physics	4	PHY220 or PHY230
English Composition	9	WRT150, WRT200 or WRT150 + 2 SWS Courses, WRT305 or Bachelor's degree
Economics (macroeconomics preferred)	3	ECO210 or ECO211
Public Speaking	3	COM201 or COM301
Psychology or Sociology	3	PSY101 or SOC101
Cultural Enrichment (see General Education on next page.)	9	9 semester credit hours including a 200 level or higher

**No grades lower than a C (2.0) will be accepted for meeting the Pre-Pharmacy Requirements**

## **General Education – Cultural Enrichment**

The University's general education program requires a minimum of 9 semester credit hours from the following subject areas/courses: Architecture, Art, Art History, Creative Writing, Foreign Language, History, Humanities, Literature, Music and Theater. Religion, ethics and philosophy courses may satisfy this requirement. One of these courses must transfer into FSU at a 200 level or higher. (Note: No more than 5 hours of Music/Theater activity courses can count toward fulfillment of this requirement).

The information contained in this application guide is only intended to provide additional guidance and course recommendations for the college/university listed above. It is not intended to provide all admission policies or criteria. Visit our website (<http://www.ferris.edu/HTMLS/colleges/pharmacy/admissions/homepage.htm>) for complete information about the application process and admission criteria.

Ferris State University College of Pharmacy is accredited by the American Council on Pharmaceutical Education to offer the Doctor of Pharmacy (Pharm. D.) program.

### **For further information contact:**

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### **College of Pharmacy Website:**

<http://www.ferris.edu/colleges/pharmacy>