



DEPARTMENT OF
HIGHER EDUCATION &
WORKFORCE DEVELOPMENT

New Program Report

Date Submitted:

02/10/2022

Institution

Evangel University

Site Information

Implementation Date:

8/23/2017 12:00:00 AM

Added Site(s):

Selected Site(s):

Evangel University, 1111 N. Glenstone, Springfield, MO, 65802

CIP Information

CIP Code:

511103

CIP Description:

A program that prepares individuals for admission to a professional program in pharmacy.

CIP Program Title:

Pre-Pharmacy Studies

Institution Program Title:

Pre-Pharmacy

Degree Level/Type

Degree Level:

Bachelor's Degree

Degree Type:

Bachelor of Science

Options Added:

Collaborative Program:

N

Mode of Delivery

Current Mode of Delivery

Classroom

Student Preparation

Special Admissions Procedure or Student Qualifications required:

None which exceed regular university admissions and standards.

Specific Population Characteristics to be served:

n/a

Faculty Characteristics



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New Program Report

Special Requirements for Assignment of Teaching for this Degree/Certificate:
All faculty are required to have earned the appropriate doctoral or master degree.

Estimate Percentage of Credit Hours that will be assigned to full time faculty:
70%

Expectations for professional activities, special student contact, teaching/learning innovation:
Not applicable.

Student Enrollment Projections Year One-Five

Year 1	Full Time: 1	Part Time: 0	
Year 2	Full Time: 1	Part Time: 0	
Year 3	Full Time: 2	Part Time: 0	Number of Graduates: 0
Year 4	Full Time: 3	Part Time: 0	
Year 5	Full Time: 3	Part Time: 0	Number of Graduates: 1

Percentage Statement:

n/a

Program Accreditation

Institutional Plans for Accreditation:
This program is already accredited by the Higher Learning Commission.

Program Structure

Total Credits:

124

Residency Requirements:

At least 30 credits of the last 40 credits prior to graduation must be taken at Evangel University.

General Education Total Credits:

53

Major Requirements Total Credits:

74

Course(s) Added

COURSE NUMBER	CREDITS	COURSE TITLE
CHEM 112	5	GENERAL CHEMISTRY 2
PHYS 211	5	GENERAL PHYSICS 1
CHEM 111	5	GENERAL CHEMISTRY 1
BIOL 200	4	GENERAL BIOLOGY
MATH 231	3	CALCULUS 1
BIOL 341	4	MARINE BIOLOGY
BIOL 312	4	HUMAN ANATOMY AND PHYSIOLOGY 2
BIOL 437	3	CELL BIOLOGY



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WORKFORCE DEVELOPMENT

New Program Report

CPSC 101	3	PERSONAL COMPUTING
CHEM 375	4	BIOCHEMISTRY
CHEM 272	4	ORGANIC CHEMISTRY 2
BIOL 496	1	SENIOR SEMINAR
BIOL 343	4	ENV. BIOLOGY
BIOL 342	4	ECOLOGY
BIOL 202	4	BOTANY
PHYS 212	5	GENERAL PHYSICS 2
CHEM 271	4	ORGANIC CHEMISTRY 1
BIOL 338	4	GENETICS
BIOL 311	4	HUMAN ANATOMY AND PHYSIOLOGY 1
BIOL 201	4	ZOOLOGY
BIOL 335	4	MICROBIOLOGY

Free Elective Credits:

0

Internship or other Capstone Experience:

None.

Assurances

I certify that the program will not unnecessarily duplicate an existing program of another Missouri institution in accordance with 6 CSR 10-4.010, subsection (9)(C) Submission of Academic Information, Data and New Programs.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

Contact Information

First and Last Name: Connie

Cross

Email: crossc@evangel.edu

Phone: 417-865-2815

Pre-Pharmacy Track (Biology)

The Biology curriculum is designed to assist students who wish to prepare for professional work in health care, research, teaching, or the graduate work leading to a professional degree in biology, or a Ph.D. in biology. Graduates are prepared for careers in medicine, dentistry, optometry, pharmacy, veterinary medicine, physical therapy, or physical therapy, or to attend a graduate program in one of these disciplines at a leading research university.

Suggested Course Sequencing: Recommend 15 – 18 semester hours;
however, attending summer school will reduce semester hours.

Freshman year

Semester 1	Cr
BIOL 200 General Biology	4
CHEM 111 General Chemistry I [a]	5
MATH 231 Calculus I or MATH 129	4(3)
BIBL 111 Essential Christianity	3
GSCI 100 University Seminar	1
EXER 101 Lifetime Health Awareness	1

18

Semester 2	Cr
BIOL 201 Zoology	4
CHEM 112 General Chemistry II	5
BIBL 115 Old Testament Literature	3
CPSC 101 Introduction to Personal Computing	3
ENGL 111 Composition	3

18

Sophomore year

Semester 1	Cr
BIOL 202 Botany	4
CHEM 271 Organic Chemistry I	4
BIBL 116 New Testament Literature	3
Historical Inquiry Option	3
Reading and Imagination Option	3

17

Semester 2	Cr
BIOL 335 Microbiology	4
CHEM 272 Organic Chemistry II	4
ENGL 341 Technical Writing	3
MATH 210 Statistics	3
PSYC 138 Psychology of Healthy Relationships	3

17

Junior year

Semester 1	Cr
BIOL 311 Human A&P I	4
BIOL 342 Ecology or BIOL 343 Env. Biology	4
CHEM 375 Biochemistry	4
PHYS 211 General Physics I	5

17

Semester 2	Cr
BIOL 312 Human A&P II	4
BIOL 437 Cell Biology	3
PHYS 212 General Physics II	5
ICST 350 Global Connections	3

15

Senior year

Semester 1	Cr
BIOL 338 Genetics	4
BIOL 496 Senior Seminar	1
BIOL Elective (recommended)	4
Artistic Expression Option	3
Behavioral and Social Sciences Option	3
BIBL 360-370 Book Study	3

18

Semester 2	Cr
BIOL 341 Marine Biology (if not taking BIOL 342/343)	4
BIOL Elective (recommended)	4
FIN 138 Personal Finance	3
Humanities Option	3
THEO 320 Pentecost	3

17

Total minimum to graduate 124

and must include at least 36 upper division credits

[a] Those not prepared for CHEM 111 should take CHEM 101 - Introduction to Chemistry.

[b] MATH 231 is a prerequisite for many pharmacy schools. Those not prepared for MATH 231 should take MATH 129 - Precalculus Algebra.

Graduation requires an overall GPA of at least 2.0, and 30 of the 40 final credits must be taken at Evangel. The listing above only represents a suggested course sequencing as required to graduate with this major. Students are ultimately responsible for their own degree program. An academic advisor is assigned to the student for guidance in these matters, but the responsibility for meeting the requirements belongs to the student.

Name: _____ Date: _____ Advisor: _____

Pre-Pharmacy Track (Biology Major)

University Writing Proficiency and Placement Information

Writing Proficiency earned by ... circle one: ENGL 111 ACT/SAT/CLT (Score:) AP CLEP IB

ACT English \geq 26 or SAT Writing/Language (W/L) \geq 33, CLT Writing/Grammar (W/G) \geq 32: Student is proficient. Enroll in Effective Communication option. Refer to each term's "Core Options" document for available choices.

If transfer student has ENGL 111 composition only, enroll in a 200-level Effective Communication course.

If transfer student has a 200-level (or above) composition course, check for Speech course. If no Speech listed, enroll in COMM 211.

If transfer student has a 200-level composition course AND a Speech course, he or she is proficient.

If student has no test scores, enroll in ENGL 102.

ACT English = 24-25, SAT W/L 31-32, CLT W/G 30-31: take Writing Step-Up Exam in first semester.

ACT English 20-23, SAT W/L 28-30, CLT W/G 24-29: ENGL 111	3	Wellness Proficiency	Cr	<input checked="" type="checkbox"/>
ACT English 16-19, SAT W/L 23-27, CLT W/G 19-23: ENGL 102	2	EXER 101 Lifetime Health Awareness	1	
ACT English \leq 15, SAT W/L \leq 22, CLT W/G \leq 18: ENGL 100	1			

Core Curriculum Requirements

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
GSCI 100 University Seminar	1		ENGL 341 Technical Writing - Required	3	
BIBL 111 Essential Christianity	3		MATH 210 Statistics	3	
BIBL 115 Old Testament Literature	3		Historical Inquiry Option*	3	
BIBL 116 New Testament Literature	3		Artistic Expression Option*	3	
BIBL 360 - 370 Book Study (WPR)*	3		Behavioral and Social Sciences Option*	3	
THEO 320 Pentecost	3		Humanities Option*	3	
ICST 350 Global Connections*	3		Healthy Relationships: PSYC 138 (Preferred) or 112	3	
Natural Science without Lab Option*	3	NA	Christian Stewardship: FIN 138 Personal Finance	3	
Natural Science with Lab Option*	4	NA	Reading and Imagination: ENGL 123*	3	
*Refer to each term's "Core Options" document for available choices. WPR = Writing Proficiency Required: ENGL 111 or ACT English \geq 26			**ENGL/COMM 205 or 341; ENGL 211, 212, or 236 If student has ENGL 201 in transfer, enroll in COMM 211.		

Program Requirements

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
BIOL 200 General Biology	4		Biol 311 Human Anatomy & Physiology I	4	
BIOL 201 Zoology	4		Biol 312 Human Anatomy & Physiology II	4	
BIOL 202 Botany	4		CHEM 111 General Chemistry I	5	
BIOL 335 Microbiology	4		CHEM 112 General Chemistry II	5	
BIOL 338 Genetics	4		CHEM 271 Organic Chemistry I	4	
BIOL 341 Marine Biology, BIOL 342 Ecology, or BIOL 343 Env. Biology (choose one)	4		CHEM 272 Organic Chemistry II	4	
			CHEM 375 Biochemistry	4	
BIOL 437 Cell Biology	3		MATH 231 Calculus I	3-4	
BIOL 496 Senior Seminar	1		CPSC 101 Personal Computing	3	
			PHYS 211 General Physics I	5	
			PHYS 212 General Physics II	5	

Minimum total credits to graduate 124

*Refer to each term's advising handbook for options

WPR = Writing Proficiency Required

Revised F20

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