

## Program Review Form

**Program Review Years:** 2017/2018-2019/2020

**Name of Program Being Reviewed:** Associate of Biology

**Degrees Covered by Review:** A. S. Biology

**Name of Department:** Arts and Sciences

**Department Chair:** Ian Hawkins

**Program Coordinator:** Ian Hawkins

Note: Pages 1-4 are to be completed yearly by each program. Pages 1-5 are to be completed according to the Cycle of Curricular Review

### Mission of the College

*The mission of Free Will Baptist Bible College is to educate leaders to serve Christ, His Church, and His world through Biblical thought and life.*

#### Strategic Initiative (from the strategic plan)

Strategic Initiative #1 – Integrating a Christian worldview.

The College will develop policies, programs, and activities which will enable students to develop a worldview that integrates the Christian faith with the academic disciplines in the whole of life.

#### Strategic Objective (from the strategic plan)

Strategic Objective 1.1 – Develop curricula that integrates the Christian worldview throughout all programs of study.

#### Program Objectives (from the College Catalog)

1. demonstrate significant proficiency in areas of science which support the field of nursing.
2. apply scientific knowledge and principles in the context of the field of nursing; synthesize Biblical values, general knowledge, and scientific principles to support a career in nursing.

#### Program Objectives link to Institutional Purpose/General Objectives of the College

The following college general objectives as per the catalog are directly linked to the program goals:

1. A Christian worldview, manifested in an awareness of its implications for thought and life.
2. An informed mind, manifested in critical thinking and intellectual honesty.
3. The knowledge and skills needed to function effectively in one's chosen vocation.

These college objectives are met in our program objectives by giving our students the tools and understanding to be competent in the field of biology, as well as to think critically with a Christian worldview, and to apply this knowledge in the career path of choice.

**Program Objectives link to Departmental Objectives**

1. Understand and use basic mathematical-scientific principles, especially as they relate directly to the environment
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**Courses Aimed to Accomplish Specific Program Objectives**

Program Objective	Courses
demonstrate significant proficiency in areas of science which support the field of nursing.	BIO 1001-1011, BIO 2401-2411, BIO 2502-2512, BIO 2106-2116, CHE 1004-1014
apply scientific knowledge and principles in the context of the field of nursing; synthesize Biblical values, general knowledge, and scientific principles to support a career in nursing.	IDS 1902, BIO 2401-2411, BIO 2502-2512

**Program Review: Assessment**

<b>Program Objective</b>	<b>Means of Assessment</b>	<b>Strategic Objective/Goal (2017-2018)</b>	<b>Results (2017/2018-2018/2019)</b>
What we want to do (general)	How we will know if we did it	Specific Goals	What actually happened
demonstrate significant proficiency in areas of science which support the field of nursing.	MFT	100% of students will score in the 35 <sup>th</sup> percentile or better on the Biology MFT	<b>1/10 or 10% scored at the 35<sup>th</sup> percentile but the average score 133.1 was higher than our average score for last 4 years</b>
apply scientific knowledge and principles in the context of the field of biology; synthesize Biblical values, general knowledge, and scientific principles to support a career in nursing.	Final Assessment in Anatomy and Physiology Lab	80% students will score C or better	<b>9/9 (100%) students scored a C or better</b>

**Program Review: Use of Results**

<b>Strategic Objective/Goal (2017-2018)</b>	<b>Results (2017/2018-2018/2019)</b>	<b>Use of Results Fall 2019 (2019/2020)</b>	<b>Results Revisited (2019/2020-2020/2021)</b>
What we wanted to happen	What actually happened	What we did to improve	How did this affect later assessments?
100% of students will score in the 35 <sup>th</sup> percentile or better on the Biology MFT	<b>1/10 or 10% scored at the 35<sup>th</sup> percentile but the average score 133.1 was higher than our average score for last 4 years</b>	With changes in curriculum due to introduction of Union University (see below) we are going to look at our goals again in light of these results. We are requesting our students take the ATI-TEAS, which is a national nursing school entrance exam. We want our students to	There were 3 graduates of the program but due to Covid-19, they were unable to take the exam.
80% students will score C or better	<b>9/9 (100%) students scored a C or better</b>	This class needs to be harder since all of our students made a C or better. We will work to make the assessment at the end of the lab tougher. This class was taken over by a new adjunct professor and the rigor was more difficult as seen in the overall grades for the class.	3 of 3 students scored a C or better on the Lab final assessment.

Note: This page is to be completed only in years of a complete program review according to the Cycle of Curricular Assessment. (Fall 2019)

Due to a new partnership agreement with Union University, we have made changes to the Associates in Biology curriculum

### **Program Review: Comparison with Other Similar Programs**

#### **Core Curriculum**

Sciences Courses	16 hours
CHE1002/1012 Fundamentals of Chemistry & Lab	4
BIO2106/2116 Microbiology & Lab	4
BIO2401/2411 Anatomy and Physiology I & Lab	4
BIO2502/2512 Anatomy and Physiology II & Lab	4
Related Social Science Courses	6 hours
PSY2401 Lifespan Development	3
SSC2008 Introduction to Sociology	3
General Education	20 hours
ENG1011 Basic English Grammar & Usage	3
ENG1022 Basic English Composition	3
MAT3011 Introduction to Statistics*	3
MUS1002 Music Introduction and Appreciation	3
IDS1001 Leadership and Calling	2
HIS1101 History of Western Civ I	3
ENG2111 World Literature I	3
BUS1150 Microcomputer Applications	0
Bible Core	14 hours
BIB1100 Intro to Biblical Studies	2
BIB1011 OT Survey Law and History	3
BIB2031 OT Survey Poetry and Prophecy	2
BIB1031 NT Survey Epistles and Revelation	3
BIB2062 NT Survey Gospels and Acts	2
BIB1250 Evangelism and Discipleship	2
Electives	8
Total	64

Suggested Electives for the following Nursing Programs

Electives for Belmont	
MAT 1100 College Algebra	3
BIO2307 Principles of Nutrition	3
IDS1902 Christianity Culture and Worldview	2
SP 100 Fundamentals of Speech	3
PSY2001 General Psychology	3
Total	14

Electives for Union University	
BIO3001 Pathophysiology	3
ENG2112 World Literature II	3
HIS1122 History of Western Civ II	3
PHE2100 Lifetime Fitness	2
PHE Activity Elective	1
PSY2001 General Psychology	3
Total	15

Electives for Cumberland University	
MAT 1100 College Algebra	3
BIO2307 Principles of Nutrition	3
IDS1902 Christianity Culture and Worldview	2
SP 100 Fundamentals of Speech	3
HIS1122 History of Western Civ II	3
BIO 1000/1010 Systems in Biology and Lab	4
Total	18

Total 70/71/74 hours