

# Teachers College Nevada

## Content Evaluation Guidelines: Evaluation of Eligibility

### Master of Arts in Teaching or Post-Baccalaureate in Science Education

A transcript evaluation is completed once official transcripts from all previously attended institutions have been received by WGU. Please note that transcripts must be sent to WGU directly from the issuing institution to be considered official. WGU does not perform unofficial evaluations or accept unofficial transcripts. The guidelines below will provide a good indication of the content area requirements needed for admission into the Master of Arts in Teaching or Post-Baccalaureate programs. Transcripts must be received prior to your initial term start date.

To be eligible to begin the Master of Arts in Teaching or Post Baccalaureate program, you must meet the appropriate concentration content requirements listed below.

#### COURSES ACCEPTED:

- Must be college level from a regionally accredited institution in the United States.
- Students must present a grade point average of 2.0 (C) on all coursework submitted (**WGU TX requires a grade point average of 2.5 or better.**)
- May not be used to fulfill more than one course of study.
- Must meet the competency unit and content equivalency requirements.

<i>Science Education (5-9) Content Requirements</i>	
COURSE OF STUDY	CONTENT REQUIREMENT
Life Science	Two courses in biology.
Chemistry	Two courses in chemistry with at least one course including a laboratory.
Physics	Two courses in physics.
Earth and Space Science	Two courses in earth or space science covering the following topics: <i>geology, astronomy, or meteorology.</i>
Mathematics	One course in college algebra, statistics, pre-calculus or calculus.

## Biology (5-12) Content Requirements

COURSE OF STUDY	CONTENT REQUIREMENT
Integrated Physical Science	One course in physical science covering topics in physics, chemistry and earth and space science
Earth and Space Science	One course, equivalent to 3 units, in earth or space science covering the following topics: <i>geology, astronomy or meteorology</i> .
Chemistry	Two courses, equivalent to 6 units, in chemistry with at least one course including a laboratory.
Physics	One course in physics.
Introduction to Biology	One general biology course
Human Anatomy and Physiology	One course in anatomy and/or physiology
Molecular and Cellular Biology	One course in cell and/or molecular biology
Heredity and Genetics	One course in heredity/genetics
Zoology	One course in organismal biology
Ecology and Environmental Science	One course in ecology
Evolution	One course in biological evolution
College Algebra	One course in algebra, precalculus or calculus
Probability and Statistics I	One course in statistics
Additional Biology Courses	Total number of units, including top Life Science section, must equal 32. Courses may include: botany, environmental science, physiology, zoology, etc., not to repeat courses above.

## *Geo Science (5-12) Content Requirements*

COURSE OF STUDY	CONTENT REQUIREMENT
Integrated Physical Science	One course in physical science covering topics in physics, chemistry and earth and space science
Geology I: Physical	One course in geology with a focus on historical and physical geology
Geology II: Earth Systems	One course in geology with a focus on earth systems and meteorology
Ecology and Environmental Science	One course in ecology
Astronomy	One course in astronomy
The Ocean Systems	One course in oceanography
Chemistry	Two courses, equivalent to 6 units, in chemistry with at least one course including a laboratory.
Physics	Two courses, equivalent to 6 units, in physics.
Introduction to Biology	One course, equivalent to 3 units, in general biology.
College Algebra	One course in algebra
Trigonometry and Precalculus	One course in pre-calculus or calculus

## *Physics (5-12) Content Requirements*

COURSE OF STUDY	CONTENT REQUIREMENT
Integrated Physical Science	One course in physical science covering topics in physics, chemistry and earth and space science
Introduction to Biology	One course, equivalent to 3 units, in general biology.
Geology	One course, equivalent to 3 units, in geology
Earth and Space Science	One course, equivalent to 3 units, in earth and space science from the following topics: <i>geology, astronomy, meteorology, electronics, or engineering.</i>
Chemistry	Two courses, equivalent to 6 units, in chemistry with at least one course including a laboratory.
Conceptual Physics	One course in general physics
Physics: Mechanics	One course in physics covering mechanics
Physics: Waves and Optics	One course in physics covering waves and optics
Physics: Electricity and Magnetism	One course in physics covering electricity and magnetism
Space, Time and Motion	One course in physics covering modern physics
Trigonometry and Precalculus	One course in precalculus
Calculus I and II	Two courses in calculus

## Chemistry (5-12) Content Requirements

COURSE OF STUDY	CONTENT REQUIREMENT
Integrated Physical Science	One course in physical science covering topics in physics, chemistry and earth and space science
Introduction to Biology	One course, equivalent to 3 units, in general biology.
Geology	One course, equivalent to 3 units, in geology
Earth and Space Science	One course, equivalent to 3 units, in earth and space science from the following topics: <i>geology, astronomy, meteorology, electronics, or engineering.</i>
Physics	Two courses, equivalent to 6 units, in physics.
Chemistry	Five courses in chemistry including general chemistry and organic chemistry with at least one course including a laboratory.
General Chemistry I and II	Two courses in general chemistry with at least one including a laboratory.
Physical Chemistry	One course in physical chemistry including a laboratory.
Inorganic Chemistry	One course in inorganic chemistry
Organic Chemistry	One course in organic chemistry
Biochemistry	One course in biochemistry
Trigonometry and Precalculus	One course in precalculus
Calculus I	One course in calculus.

Effective September 1, 2017