

## Biology Tested/Experience Rubric

An instructor with an advanced degree to practice medicine (such as an MD, DO, DDS, DPT, DVM, or PA), or a Master's degree in one of the following disciplines, or a Master's degree in any field plus 18 graduate credits from among the following disciplines, is qualified to teach biology: Biology, Biological Sciences, Biomedical Sciences, Biochemistry, Biophysics, Microbiology, Molecular Biology, Molecular Genetics, Anatomy, Physiology, Cellular Biology, Cancer Biology, Neurobiology, Neuroscience, Virology, Bacteriology, Mycology, Genetics, Immunology, Zoology, Botany, Ecology, Pathology, Pathophysiology, Biotechnology, Developmental Biology, Biomedical Engineering. NOTE: The degree must provide the foundation in the specific subject matter being taught.

An instructor with a Master's Degree in any field may be deemed qualified to teach **\*\***(BIO 1105 and 1111) if they are able to demonstrate a minimum of 6 points from the rubric below.

Tested Experience	0	1	2	3	4	5	6
Graduate Biology coursework or related disciplines as determined by the Executive Dean of SEM Division or Associate Dean of Life and Earth Sciences	A minimum of 9 credits of Biology graduate work is required.	10-14 graduate credit hours earned	15 graduate credit hours earned	[Hatched pattern]			
Documented full-time paid field or lab work experience in biology, related fields, or medical practice (pro-rated for PT experience) - # Years:	None	1	2	3	4	5	6 or more
Documented years of research experience in biology, clinical sciences, or related fields as a primary investigator- # years:	None	1	2	3	4	5	6 or more
Documented first or second author on published peer reviewed research article in recognized scientific journal in field of biology, clinical sciences, or related fields - # articles:	None	1	2	3	4	5	6 or more
Documented presentation of scholarly research in biology, clinical sciences, or related fields at recognized conferences in the field - # presentations:	None	1	2	3	4	5	6 or more
Documented recognized national or international honors or awards in biology, clinical sciences, or related fields - # awards:	None	1	2 or more	[Hatched pattern]			

**\*\***Labs at the high school must use the same specific lab activities and level of equipment that are used at the college. The same lab practicals, if applicable, and final exam must be used as the college. These can be reviewed at any point by the department chair to ensure compliance. These components will help ensure that the rigor matches what is occurring at the PPSC campus.