

## **SMSU College Now Instructor Qualifications for Biology:**

### **Demonstration of relevant and advanced content-area knowledge:**

Instructors may meet the minimum requirement for advanced content-area knowledge through any one of the following three methods<sup>1</sup>:

— 1. A graduate degree in Biology

OR

— 2. A graduate degree in any field and 18 graduate credit hours in Biology

OR

— 3. A graduate degree in any field plus two Biology graduate level courses and four relevant options from this list (a-l), subject to review and approval by the Biology program:

- \_\_\_\_\_ a. Graduate-level course(s) in biology or related fields. These need not have been taken as part of a graduate degree program. This item can be counted more than once for each additional course.
- \_\_\_\_\_ b. National Board Certification in Science, at Adolescent/ Young Adulthood level.
- \_\_\_\_\_ c. Fellowships or awards from school, district, state, regional, national or international organizations for recognition of high school or undergraduate teaching in biology.
- \_\_\_\_\_ d. Forty-five (45) hours of discipline-specific professional development in biology or biology education.
- \_\_\_\_\_ e. Additional five (5) years of successful and effective teaching experience in a course leading to undergraduate credit in biology including dual credit, Advanced Placement, International Baccalaureate, teaching undergraduates on a college/university campus, or teaching another College Now science course.
- \_\_\_\_\_ f. Active participation in a professional biology or biology education organization.
- \_\_\_\_\_ g. Discipline-specific leadership role in a secondary or postsecondary institution, such as department chair, or in professional organization such as MnSTA or NABT.
- \_\_\_\_\_ h. Relevant presentations at local, state, regional, or national workshops or conferences.
- \_\_\_\_\_ i. Participation in a grant-funded project with the goal of improving education in biology.
- \_\_\_\_\_ j. Published textbook, journal article or essay, or similar scholarly or creative work in the field of biology or biology education.

- \_\_\_\_\_ k. Participation in nationally normed assessment activity related to biology such as Advanced Placement test grading, writing items for AP or IB tests, or serving as a National Board Certification assessor in science.
- \_\_\_\_\_ l. Field test or review curriculum for publisher or serve on textbook review and selection committee for postsecondary or secondary institution.

*\*\*<sup>1</sup> Adapted from the University of Minnesota Physics Department*

Please provide a short explanation (on a separate sheet of paper) of how you have achieved each of the options indicated above.

**Completed by:**

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[HS Instructor]

Date

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**Reviewed by:**

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[SMSU Director of Concurrent Enrollment]

Date

Additional Comments:

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**Reveiwed by:**

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[SMSU Department Chair]

Date

Additional Comments: