

# MEMORANDUM

**Date:** December 2, 2009

**To:** Agriculture Teachers

**From:** William L. Deimler, State Specialist  
Agricultural Education, State FFA Advisor

**Subject:** Biological Science Endorsement

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If you teach the Biology-Agricultural Science course for **Biology credit** you **must** have a Secondary Education License and endorsements in Agriculture (CTE/General) or Agricultural Science (Career & Technical) **AND** an endorsement in **Biological Science**.

If you do not have a **Secondary Education License** you can obtain the license through a university program or you can pursue the license through the Alternative Route to Licensing (ARL) Program. James Schindler is in charge of the ARL Program at USOE. James can be reached at [james.schindler@schools.utah.gov](mailto:james.schindler@schools.utah.gov) or 801-538-7730. Minimum qualifications to participate in the ARL Program can be found at this website [http://www.schools.utah.gov/cert/APT/ARL/eligibility\\_secondary.htm](http://www.schools.utah.gov/cert/APT/ARL/eligibility_secondary.htm).

If you do not have an **endorsement in Biological Science** you can obtain the endorsement through a university program or by completing the "Application for a Secondary Science Endorsement". The application can be found at this website <http://www.schools.utah.gov/curr/Sci/teacher/documents/2009%20Endorsement%20Form.pdf>. Applicants that meet all requirements listed on page 2 (minimum requirements for Biological Science) will be awarded the endorsement.

Applicants that **do not** meet the requirements for the endorsement must apply for a State Approved Endorsement Plan (SAEP). The applicant must meet the following minimum qualifications to be eligible for the SAEP; must have a current Secondary Education license, must be currently teaching in the endorsement area, and must have 9 semester credits toward the endorsement. The application will be reviewed by the State Science Specialist, Shannon Buchanan. Shannon can be reached at [shannon.buchanan@schools.utah.gov](mailto:shannon.buchanan@schools.utah.gov) or 801-538-7808.

Attached to this email is a copy of the Suggested Utah State University Courses for Biology Endorsement for Agriculture Education Majors. Please use this document to determine which USU College of Agriculture courses will meet the minimum requirements as listed on the Science Endorsement Application.

If you need help or have questions please contact me at [william.deimler@schools.utah.gov](mailto:william.deimler@schools.utah.gov) or 801-538-7856.

**CC:** District CTE Directors  
Shannon Buchanan, Science Specialist, USOE