

# Top 10 Reasons to Select the New Liberal Studies STEM Concentration

*You will....*

1. Learn how to integrate science, technology, engineering, and math (STEM) in a K-8 class!
2. Experience ways to bring science and math to life in the classroom!
3. Learn many ways to answer the question, "When and how will I ever use this?"
4. Have some of Fresno State's best science and engineering instructors!
5. Take 4 terrific courses that incorporate the new Next Generation Science Standards and the Common Core State Standards!
6. Receive free membership in mathematics and science education organizations!
7. Receive travel support to attend math and science education conferences!
8. Develop a love and passion for science that you'll be eager to share with your students!
9. Visit lots of schools (and perhaps some TV stations!) to do science demonstrations!
10. Deepen your content knowledge so that you'll be a highly confident and competent teacher of science and math in grades K-8! (Potential employers will love to see this STEM focus!)

**Requirements:** The concentration consists of the following courses: **NSCI 115 (Environmental, Earth, and Life Science)**—Multiple sections of this class); **ENGR 191T (Engineering Literacy—Spring Semester 2015—Class #36499: Wed. 7-9:50 p.m.)**; **NCSI 116 (Energy, Technology, and Society—Class #35455: Tue./Thur. 8-9:15 a.m.)**; and **PHYS 168S (Physics Pedagogy and Outreach—#35456: Thur. 6-7:50 p.m., plus lab/school visits)**. To avoid scheduling conflicts for those working in afterschool programs, classes aren't scheduled between 2 p.m. and 6 p.m. For more information, visit the following website: <http://tinyurl.com/fresnostate-STEM-LibStudies>

**BONUS!** Those earning a STEM Concentration can receive up to **\$1000.00** in scholarships from the Mathematics and Science Teacher Initiative (MSTI): **\$200 per course + \$200** if you earn a credential in **Foundational-Level ("middle school") Mathematics** or **Foundational-Level General Science** in addition to your Multiple Subject ("elementary school") credential! For more information about these credentials, visit <http://fresnostate.edu/kremen/teachmathscience>

**Are you interested?** If so, contact **Dr. Carol Fry Bohlin** ([carolb@csufresno.edu](mailto:carolb@csufresno.edu) or **559-278-0237**) or **May Lee** ([mayl@csufresno.edu](mailto:mayl@csufresno.edu) or **559-278-1082**) with any questions and to request to be added to the STEM Concentration database. *Join us for a STEMulating experience!* ☺



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