Math 198: LC $X^2$: Women in Math and Science  
Faculty Sponsor: Petronela Radu  
Student Mentor: Katie Miller  
Fall 2014

Syllabus and course policies

Contact information: Petronela Radu, 239 Avery Hall, pradu@math.unl.edu, 402-472-9130

Class meetings: We will meet on Thursdays 4:00 pm – 5:00 pm in Avery Hall 111.

Expectations: You are expected to attend all class meetings and to participate in some of the recommended programs.

Essay: There will be a list of suggested reading (books, news articles) during the semester. Before the end of the semester you will need to write an essay about an aspect that concerns women in STEM (Science, Technology, Engineering and Mathematics) field from the book(s) and/or article(s) you have read. In particular, write about the impact of this particular aspect on your life and career.

Personal and professional development workshops: You are encouraged to participate in the workshops organized by the First-Year Experience and Transition Programs. The complete list can be found at http://success.unl.edu.

Schedule of class events (tentative):

• August 28: Why are careers in STEM different? Introductions and goals for the year.
• September 4: Invited speaker: Kiyomi Deards, Librarian, UNL
• September 11: Invited speaker: Joanna Pope - Public Affairs Officer at the USDA Natural Resources Conservation Service and State Earth Team Volunteer Coordinator
• September 19: Movie Night
• September 25: Networking Event (with the Office for First-Year Experience and Transition programs)
• Date TBA: Eileen Hebets, Associate Professor, School of Biological Sciences, UNL
• Date TBA: Charlene Maxey-Harris, UNL
• Date TBA: Game night
• December 11: Dinner with STEM professional women in Selleck Hall
Other events:

- Sept. 6, 13 - The rope course – UNL Adventure Center
- Sept. 20, 10:00 - 2:00 – Women in STEM Workshop (organized by Jenny May)
- Oct. 11 – Chemistry Day
- Nov. (Date TBA) – Math Day
- Nov. – Women in Physical Sciences conferences

Recommended reading (please share the books and articles on the topic of women on STEM that you found interesting with the class):

- *She Does Math! Real-Life Problems from Women on the Job*, by Marla Parker
- *Out of the Shadows: Contributions of Twentieth-Century Women to Physics*, by Nina Byers and Gary Williams
- *Math Doesn’t Suck: How to Survive Middle School Math Without Losing Your Mind or Breaking a Nail*, by Danica McKellar
- *The Ten Year Nap*, by Meg Wolitzer
- *How She Does It: How Women Entrepreneurs Are Changing the Rules of Business Success*, by Margaret Heffernan
- *How will you measure your life?,* by Clayton M. Christensen.