BioMEMS: The Art of Biochips

EELE 418-001: An Introduction to BioMEMS
EELE 509-001: Solving Healthcare Problems with BioMEMS

- 3 credits / blended -

M-W-F: 10:00 a.m. – 10:50 a.m.

Topics:

Bio Micro Electro Mechanical Systems (BioMEMS):
- Soft photolithography,
- Hydrogel-based devices,
- Microfluidics,
- Cell-based tissue engineering,
- Implantable microdevices

Course material:

Textbook:
- Journal articles (Lab-on-a-Chip, Small)

How to sign up:

Undergraduate and Graduate students:
- Undergraduates should enroll in ELEE 418
- Graduate students should enroll in EELE509 via DegreeWorks, co-convened with EELE 418
- Contact the Instructor for questions / syllabus

Instructor:

Dr. Anja Kunze
anja.kunze@montana.edu
www.montana.edu/akunze/
www.anyakunze.com
@TheKunzeLab