

Advanced Biomedical and Translational Sciences (ABTS)

ABTS-414 1 week

Updated March 2021

The Advanced Biomedical and Translational Sciences (ABTS) is a mandatory 1-week course for fourth year medical students. The format of the ABTS course is unique and designed to reinforce understanding of the basic mechanisms of disease with the insight of clinical experiences gained in Years 3-4. Teaching is in small groups and emphasizes self-directed learning and peer interaction, teaching and feedback. The ABTS course was designed to afford medical students both the freedom to select a disease area of interest coupled with a dedicated block of time for focused, self-directed study. The ultimate goal is to not only lead to a greater understanding of a particular scientific area but to provide students with additional tools necessary for continued self-education throughout their careers.

After the ABTS course, the MS4 will be able to:

- Apply cutting edge science to clinical care, problem-solving and patient communication (Physician as Scientist, Clinical Problem Solver, and Communicator)
- Analyze current literature in the student's field of interest (Physician as Scientist, Clinical Problem Solver, and Person)
- Participate in peer teaching and learning (Physician as Scientist, Clinical Problem Solver, Communicator, Professional and Person)

Assessment: Assessment of students is ongoing throughout the 1-week course including mandatory attendance. Specific assessment includes: Class participation, interaction with other students, completion of assignments per section leader, and oral presentations.

Course co-leaders

Eric Mick, ScD

Jessica Kilham, MLIS AHIP