Biological Sciences at Florida Tech!

Olin Life Sciences Building

Julia E. Grimwade, Ph.D.
Chair, Biological Science programs
Department of Biomedical and Chemical Engineering and Sciences
Our Programs

• *Biochemistry
• *Biomedical Science
• *Genomics and Molecular Genetics

• All three of these programs have foundation coursework in Biology, Chemistry, and Physics in the first two years.
• The last two years have specialization coursework.

* part of our Premedical Studies programs
FastTrack MS – Finish in Five (Fi5)

MS – Biotechnology

MS-Biochemistry

MS-Cell and Molecular Biology
What we offer…

• *Individualized attention from faculty.*

• Small class sizes (70 max, 30 average)-acquire knowledge in field

• Foundation in critical thinking & natural sciences

• Lots of hands-on laboratory components-lets you acquire technical skills

• **The opportunity to engage in cutting-edge research-gives you experience in your field**

• Dedicated Advisors: academic and career advice. Separate Premedical Advisor. Our students know what to do and when to do it
Faculty in the Biological Science Programs

Dr. Andrew Palmer
Dr. Julia Grimwade
Dr. Eric Guisbert
Dr. David Carroll
Dr. Shoahua Xu
Dr. Alan Leonard
Dr. Karen Kim-Guisbert
Dr. Charles Polson
Dr. Kenia Nunes
Research!

Research areas

- Alzheimer’s Disease
- Antibiotic Discovery
- Cancer
- Bioinformatics
- Cardiovascular Disease

Get involved! Publish your work! Get experience! We love to have undergraduate students work in our labs. Earn up to 12 credits toward your degree.
Student Organizations

American Society for Biochemistry and Molecular Biology (ASBMB)

American Chemical Society (ACS)

Biological Honors Society Sigma Psi Chapter

Premed-Club
Success rates

• 67% acceptance rate to medical school: Dartmouth, Johns Hopkins, Buffalo, FIU, UCF, etc.
• 80% acceptance rate to postgraduate programs in allied health professions
• 93% acceptance rate to graduate research programs
• Employment in field
Questions?

Please ask!

Email Dr. Grimwade: grimwadefit.edu