

Welcome to Biochemistry!

Your Biochemistry Advising Team

- **Heidi Fornes**

- Undergraduate Program
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- **Dr. Joe Ogas**

- Professor and Interim Department
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Presentation Outline

- Biochemistry Department Overview
- Foreign Language Placement
- High School vs. College
- BCHM – A challenging major
- Typical Fall Schedule
- Advising appointment
- Next Steps

Biochemistry Department

- Basic information you should know...
 - 24 faculty
 - Teach, do research, mentor graduate and undergraduate students
 - Located in Biochemistry Building
 - also Hansen, Whistler and Hockmeyer Research Buildings
 - About 160 undergraduates (~40 per class)
 - student to faculty ratio = 7:1
 - All students do undergraduate research
 - Undergraduate program is accredited by the ASBMB (American Society of Biochemistry and Molecular Biology)



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Biochemistry



Foreign Language Placement

- The College of Agriculture does NOT have a Foreign Language requirement; however, there is a 9-credit International Understanding requirement which may be met by language classes or cultural classes
- IF you have previously studied a language in high school (2 years or more), you MUST take a placement test before registering for a Purdue class in that language
- Information about the online placement exam:
<https://cla.purdue.edu/academic/slc/placement/index.html>

High School vs. College

- College is different from high school
- You will have a lot of “free” time between classes
- Much more is expected of you as an independent learner
- General rule: for every 1 hour in class, spend 2 hours studying on your own
- For 17 credit hours = 51hrs per week to academics
 - Sounds like a lot?
 - 168hrs per week -56 hrs for sleeping -51 hrs studying = still have 61 hrs “free” time



A Challenging Major

SAT scores	HS GPA	Average BCHM 100 grade	Average 1st semester GPA	Stayed in BCHM	Changed major	Left Purdue
1290-1590	3.94-4.00	3.52	3.62	71%	28%	2%
1200-1280	3.76-3.93	2.70	3.00	50%	39%	12%
1110-1190	3.49-3.75	1.96	2.50	36%	41%	23%
880-1100	2.70-3.48	1.57	1.96	11%	78%	11%

*Typical Fall Schedule**

- AGR 10100/11500 (1 credit) Orientation to College of Ag and Biochemistry Department (1st 8 weeks only)
- BCHM 10000 (2)– Introduction to Biochemistry
- BIOL 11000 (4) or 12100 (2) Biology I
- CHM 11500 (4) or 12901 (5) General Chemistry
- MA 16010 (3)– Calculus I (ALEKS score 75+ or SAT 620/ACT Math 26 or MA15800 or MA15400 (dual credit) grade of C)
- Optional: Social sciences/humanities course (3)

- Total = 14-17 credits

*This will look different if students have AP or dual credit in any of these subjects!

Advising Meeting

- Schedule an appointment in Boiler Connect when you receive a request to do so (this will be after you have completed Purdue 101).
- Be prepared to share a little about yourself (hobbies, interests, career goals, involvement/activities at Purdue, graduation timeline, etc)
- Review any transfer, AP, IB or dual credit you may have
- You will have the opportunity to ask individual questions
- Dr. Ogas will discuss courses with you and make recommendations for fall
- Heidi will help you plan a schedule and walk you through the course request process



Next Steps

- Check your Purdue email often!!!
- You will receive an email when your fall schedule is ready on July 20
 - Please do not make any changes without contacting us first!!!
 - If you drop a course that is at capacity, we cannot help you get back in!
- E-invoice will appear in myPurdue in late July
 - You must arrange a payment plan by August 28
- Boiler Gold Rush (BGR)
 - Sign up by July 31
 - Attend August 15-19
- Expect to hear from a “Biochem Buddy” (peer mentor)
- Classes start August 21, 2023

Have a great summer!

- Welcome Pizza Party– TBA in August
- We look forward to getting to know you better this fall!
- Questions?
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