

BME LA Application Form Preview - Fall 2023

Welcome to the BME Learning Assistant application form!

My name is Dr. Mansy, I'm the Director of the LA program, and I'm very happy you are considering becoming a Learning Assistant (LA) for one of our BME courses or labs.

The application form has four parts and will require some preparation. Therefore, please allocate at least 45 minutes to complete the application in one sitting. Alternatively, you may close the form and return to it at any later time as long as you use the same browser and desktop device. The application form requires a desktop device. In Part 1, you will tell us a bit about what motivated you to become an LA. Part 2 will help determine workload and assignment feasibility. It would be a good idea to have your Fall 2023 course schedule accessible for Part 2. Part 3 is the application's core and will gather data that will guide the matching process, i.e., the process of assigning an LA to a BME LA-supported course. To make the matching process as efficient and fruitful as possible, Part 3 will also require you to share some personal perspectives and ideas about the BME LA-supported courses that interest you. You will do this by writing a brief Opportunity for Innovation/Improvement Statement (OIS). Opportunity Statements are the industry standard for identifying a problem and pitch a solution. The provided template (text entry fields in this survey) will help you focus your thoughts on what is essential and facilitate the matching process. Please read this brief guide for some quick tips about how to write an efficient OIS. You may submit 2 OISs per course while maintaining a word limit of 200 words for each part of the OIS (see guide for more info). Here, too, having your Fall 2023 course schedule handy will inform your course selection process. Last but not least, Part 4 will request standard demographic information - all of it being optional. Feel free to skip it if you don't feel comfortable sharing this kind of information. A full preview of this application form is available in the BME LA handbook.

So, let's get started! Please provide your full name and your UF email address.

What is your name?

- First Name _____
- Last Name _____
- UF- email address _____

Part 1 | Interest & Experience

Hi! Tell us a bit about yourself and why you are here.

Why are you interested in serving as an LA? [write 1-2 sentences]

Please don't mention particular courses or problems here. Focus on your interest only.

What qualities do you think would make you a good LA? [write a bullet list]
Focus on your academic and soft skills, don't mention GPA or grades.

What are you looking to get out of the LA experience? [write a bullet list]

Do you have previous experience with other LA programs?

- Yes, I served as an LA with a different department.
- Yes, I attended an LA-supported class in a different department.
- No, I don't have previous LA experience.

What is the name of the LA-supported class you attended?

Have you taken a pedagogy course before?

- Yes
- No

Select the pedagogy course(s) you have taken.

- BOT4935/ZOO4926 (Biology department)
- PHY4905 (Physics department)
- EGS6065 (Engineering Education department)
- other, please specify _____

OK! We are done with Part 1 of the application. Let's move on to Part 2 and assess your academic bandwidth.

Part 2 | Workload & Feasibility

As outlined in the BME-LA handbook, all LAs must enroll in a **1-credit** Special Topics Pedagogy course, *BME4931 Educational Methods for BME LAs*. LAs are also expected to attend the BME-LA supported class and meet ~1hr per week with the course instructor, accounting to an estimated workload of ~10hrs per week. ****If you have taken the Pedagogy Course in Spring 2023, then you don't need to re-take it****. Based on that,

How many credits are you enrolled in in Fall2023?

▼ less than 12 ... 15 < credits

How many hours per week can you dedicate to LA-ing?

▼ less than 4 hrs ... more than 10 hrs

Will the Special Topics Pedagogy course, *BME4931 Educational Methods for BME LAs*, that meets Friday at 4:05-4:55pm in JG32 fit in your schedule? [* You will have to drop BME4931 if you can't attend due to a scheduling conflict, after Drop/Add week.]

- Yes
- No

Now that we know a bit about your fall schedule, let's move on to Part 3 and see if we can match your skills to one of our BME LA-supported courses.

Part 3 | The Matching Process

Provided is a list of BME courses that are participating in the BME LA program in Fall 2023. Please drag and drop the course numbers to rank the courses such that the top 3 would be the ones you feel most confident about and that would **not conflict with your Fall 2023 course schedule**.

****You must attend the course you want to LA. If you end up having a scheduling conflict after Drop/Add week, then you will have to forgo the LA role for the term.****

BME4503L is a special case as it meets 3 times for 3 hours per week. If it is one of your choices, then please indicate at the end of the survey which section(s) (T, W, or R) you are interested in.

BME1008	Introduction to BME	R 12:50 - 1:40 pm
BME3012	Clinically-Inspired Engineering Design	T 1:55 - 2:45 pm & R 1:55 - 3:50 pm
BME3053C	Computer Applications for BMEs	M 10:40 – 11:30 am & T 9:35 – 10:25 am
BME3060	Biomedical Fundamentals	T 3:00 - 4:55 pm & R 4:05 - 4:55 pm
BME3508	Biomedical Signals and System	MWF 1:55 – 2:45 pm

BME4409	Quantitative Physiology	MWF 9:35 - 10:25 am
BME4503	Biomedical Instrumentation	MWF 3:00 - 3:50 pm
BME4503L	Biomedical Instrumentation Lab	TWR 9:35 am - 12:35 pm
BME4531	Medical Imaging	T 11:45 am - 1:40 pm & R 12:50am - 1:40 pm
BME4621	Biomolecular Thermodynamics & Kinetics	MWF 12:50 – 1:40 pm
BME4632	Biomedical Transport Phenomena	MWF 1:55-2:45pm
BME4931	Special Topics in BME: Medical AI	MWF 9:35 – 10:25 am

For the top 3 courses you selected in the previous question, when did you complete each course, and what grade did you achieve?

	Choice 1	Choice 2	Choice 3
Term of completion (eg. Fall 2021)			
Grade (e.g.: A, 92.5%)			

Now it is time to share your thoughts/ideas. Tell us why you think the courses you chose would benefit from being LA-ed by writing an Opportunity for Innovation/Improvement Statement (OIS). **Please read [this brief guide](#) for some quick tips about how to write an efficient OIS.** As shown in the guide, the template will help you focus your thoughts on what is essential and inform the matching process. **You will fill out the template three times; one time for each of your top 3 choices.** Start by selecting your top choice from the drop-down menu, then fill out the OIS text boxes on the next page. Hit the next button to select your second choice and write its OIS. Repeat for your third choice.

This Opportunity for Innovation/Improvement Statement (OIS) is for

▼ choice1, choice 2, or choice 3

The current problem in *choice 1* is...

Your word count is 0/200(max)

The effect of this current problem on the students is ...

Your word count is 0/200(max)

The suggested solution is ...

Your word count is 0/200(max)

The effect of the suggested solution on the students is

Your word count is 0/200(max)

Please indicate if there another issue about *choice 1* that you would like to share.

- Yes, I want to submit a second OIS for *choice 1*.
- No, I'm done. Let's move on to *choice 2*.

[The OIS template will be repeated for *choice 2* and *choice 3* in the actual application form]

Part 4 | Demographic data

We are almost done! The next couple of questions are optional. We understand if you prefer to skip this part, and it will not affect your application.

Please write the term(s) that you choose to describe your racial or ethnic identity.

optional

Please write the term(s) that you choose to describe your academic identity (Scientist, engineer, first generation student, transfer student, Florida resident, international student,..etc.)

optional

Do you identify as any of the following? Select all that apply.

optional

- Asian
- Black
- Hispanic/Latinx
- Middle Eastern
- Native American/Alaskan Native
- Native Hawaiian/Pacific Islander
- White
- None of the Above _____

Please leave any additional information that you would like us to know in the space provided below. optional
