

2022 Cardea Fellows Application

This application takes approximately one hour to complete. If you have not done so, please preview the PDF version of this application on our [Apply](#) page in order to work on your responses before beginning. While partial responses are saved, it's best to play it safe and finish in one sitting so that you do not lose your work.

Contact Information

- First Name _____
 - Last Name _____
 - E-mail Address _____
 - Duke Student ID _____
 - Duke Unique ID _____
 - Duke NetID _____
 - Cell Phone Number, including area code (xxx-xxx-xxxx) (4)

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The 2022 Cardea Fellows Selection Timeline is as follows:

Sunday May 1, 2022 – Applications available online, admission is rolling, early applications are encouraged

Wednesday, May 11, 2022 (7-8 pm): Zoom Info Session/Q&A with Cardea Director, Dean Marritt, and current fellows

Tuesday, May 31, 2022 (11:59 PM) – Final application deadline

Tuesday, June 1, 2021 (afternoon) – Final notification of acceptance

Wednesday, June 2, 2021 (2 PM) – Decisions due from students

Will you have access to email on **June 1** to accept an offer of admission to the Cardea Fellows

Program? If not, what is the best way to contact you? (Include phone or email address details as needed)

Yes

No

Provide your highest SAT Math score (skip this question if you do not have SAT scores):

Provide your highest SAT Critical Reading score (skip this question if you do not have SAT scores):

If you have any ACT scores to report, especially if you did not take the SAT, please list Math, then Reading here:

Indicate the last math course you took in high school:

- Algebra
- Geometry
- Precalculus
- Calculus (not AP)
- AP Calculus AB
- AP Calculus BC
- IB Standard Level
- IB Higher Level
- Integrated math course
- Other. If you selected other, please type the name of the math course (do not include statistics). _____

Please list the courses you have taken in high school in the following subject areas:

	Highest Level Taken in High School	Did this course have a lab?		Number of years you studied this subject
	Fill in the blank with honors, AP, IB or name of course (e.g., Env Science, Anatomy and Physiology,	No (1)	Yes (2)	Fill in the blank (1)

	Chemistry II etc.) (1)			
Biology (1)		<input type="radio"/>	<input type="radio"/>	
Chemistry (2)		<input type="radio"/>	<input type="radio"/>	
Physics (3)		<input type="radio"/>	<input type="radio"/>	
Other natural science courses (4)		<input type="radio"/>	<input type="radio"/>	

In High School did you take *more than one year* of any of the following courses: Biology, Chemistry or Physics? If yes, please describe the courses and indicate whether they were honors, AP, IB, etc. For instance, with three years of biology you might have taken honors biology, AP biology II, and anatomy and physiology.

One of the Cardea Fellows' first learning community experiences will be in Chemistry 99D. Is Chemistry 99D is an appropriate course for you? Explain why.

Before answering, read the chemistry placement guidelines:

<https://chem.duke.edu/undergraduate/placement-guidelines>. The Chemistry Department advises students with math SAT scores higher than 650 (or 27 on the ACT math section) and/or who have one year or more of high school chemistry to take another course. If you fit either of these situations, please address explicitly why Chemistry 99D is an appropriate course for you.

The Cardea Fellows Program requires a strong commitment to become a doctor, dentist, physical therapist, nurse, vet, physician assistant, pharmacist, biomedical researcher or other healthcare professional. Briefly describe why you are interested in a career in healthcare and what experiences have supported this interest. (Limit your answer to 250 words or less)

Many health professions programs require several college-level science courses as requirements. Please describe your experience with and performance in your high school science courses. Were they enjoyable, challenging, did you do well or struggle, etc? (Limit your answer to 250 words or less)

Select the most important trait or experience that influences your commitment to taking challenging science courses at Duke:

- You are intensely interested in learning the material
- You enjoy the challenge of problem solving
- You will bring pride to your family by becoming a health professional
- You have earned high grades in a previous science course
- You have a deep desire to understand how the natural world works
- You think that studying a challenging subject will give you a competitive edge when applying to health professional schools

Discuss how the trait or experience you selected in the previous question influences your commitment to taking challenging science courses at Duke.

In the Cardea Fellows Program, students will be asked to collaborate as members of a learning community. What have you done in high school to demonstrate collaborative effort(s)? (Limit your answer to 250 words or less)



A career in healthcare will require you to face challenging personal situations. Describe a time when you were faced with an academic, ethical, social, financial, or other type of dilemma and how you handled it. (Limit your answer to 250 words or less)

From the choices below, please rank the top three activities in which you spent the most time during your last academic year of high school. You can drag and drop to rank the activities in the box below.

Top 3 activities by time spent in High School

- _____ Not applicable
- _____ Academic club or academic competition team
- _____ Caring for siblings or other relatives
- _____ Community service or service club
- _____ Music, dance, or visual arts
- _____ Religious or spiritual activities
- _____ Sport(s)
- _____ Student government or other leadership activities
- _____ Youth groups (e.g. Scouts, 4H)
- _____ 0-5 hours of paid employment per week
- _____ 6-10 hours of paid employment per week
- _____ 11 or more hours of paid employment per week

Briefly describe each of these activities and your involvement. Use this space to describe the activity, your leadership role, if any, and approximate number of hours per week you spent on this activity. Report on activities during the school year and not summer.

Final Question: Are you applying for or already involved in another program which requires a significant time commitment (i.e. Focus, ROTC, varsity athletics)? If so, please be aware that the Cardea Fellows Program requires a significant time commitment and you may be asked to choose between programs due to time constraints and scheduling conflicts. If you are already committed to another program, you cannot also be a Cardea Fellow.

Yes (please indicate the program)

No
