

About Atria University

Atria University (<https://www.atriauniversity.edu.in/>) is blazing a trail in the higher education space through its interdisciplinary programs centered around active learning and project-based curriculum. Conceived and put together by acclaimed national and international advisors and faculty, Atria University is looking to hire faculty members committed to teaching, mentoring, and research. Value is given to the breadth of experience underpinned by diversity and inclusion.

Atria University's Life Sciences program aspires to train students in an integrative science program introducing modern biological sciences across the domains and disciplines that intersect with biology, and more broadly the science of life, in the 21st century.

The Life Sciences program is a distinctive interdisciplinary major combining basic sciences, computation, design, making, communication, and entrepreneurship to train technologists and scientists of the future.

General Role Description:

1. Train students to have core technical expertise in life sciences and technologies besides a broad exposure to the scientific, technological, business, entrepreneurship, and human landscape of systems operational in the biological sciences today.
2. Develop and teach courses for undergraduate students in one or more of molecular biology, biochemistry, genomics and systems biology coupled with foundational training in the natural sciences. While the specific subjects taught will depend upon your own training, we will value an openness to engaging with areas outside of your own specialization.
3. Develop innovative curricula based on interdisciplinary and hands-on project-based learning, often reimagining these from the ground up.

Qualification and Experience:

Fresh and experienced PhD candidates (including candidates who have submitted their dissertation and awaiting final defense) in the Biological Sciences and Technologies (Biology, Biotechnology, Bioengineering etc).

Faculty	Specific Role Requirements	Additional Role Requirements
Biochemistry	1. A Biochemist/Chemist with academic training and experimental experience and interest in the molecular constituents of living systems (such as proteins, lipids and nucleic acids), their	In addition to Biochemistry, expertise in or more of the following areas will be valued: Molecular Biology and/or Genetics, Cellular and Developmental Biology, Unicellular Organisms (Bacteria, Fungi, Phage etc),

	<p>interactions and functioning in their cellular as well as organismal context.</p> <ol style="list-style-type: none"> 2. The candidate will have experience in the separation of biological molecules (proteins and nucleic acids) in systems of academic and industrial interest. 3. The candidate will be required to set up basic experimental laboratory systems to teach the foundations of Biochemistry and Chemistry to students with varied backgrounds. 4. An interest in the foundations of Chemistry and Biochemistry as well as an excitement about conveying these ideas to students in a teaching environment will be valued. 	<p>Biochemistry, Ecology and Environment, Programming and Computing for Biology, and Data Science and Visualization for Biology.</p>
<p>Molecular Biology</p>	<ol style="list-style-type: none"> 1. A molecular biologist and/or a geneticist with academic training and experimental experience and interest in the molecular constituents of living systems (such as nucleic acids and proteins), their interactions and functioning in their cellular as well as organismal context. 2. The candidate will be required to set up basic experimental laboratory systems to teach the foundations of Molecular Biology and/or Genetics to students with varied backgrounds. 	<p>In addition to Molecular Biology and/or Genetics, expertise in one or more of the following areas will be valued: Cellular and Developmental Biology, Unicellular Organisms (Bacteria, Fungi, Phage etc), Biochemistry, Ecology and Environment, Programming and Computing for Biology, and Data Science and Visualization for Biology.</p>

	<p>3. An interest in the foundations of molecular biology and genetics as well as an excitement about conveying these ideas to students in a teaching environment will be valued.</p>	
<p>Bioinformatics</p>	<p>1. A bioinformatician/biological data scientist with academic training and computational experience and interest in the molecular constituents of living systems (such as nucleic acids and proteins), analysis of their sequence, structure, and function, and analysis of big data using statistics and AI/ML.</p> <p>2. Broad knowledge with the present genomics landscape and specialized knowledge of one or more pipelines will be appreciated.</p> <p>3. An interest in the foundations of bioinformatics, computational biology, basic mathematics and computing, biological data analysis as well as an excitement about conveying these ideas to students in a teaching environment will be valued.</p>	<p>In addition to Bioinformatics and/or Computational Biology, experience in Cellular and Developmental Biology, Unicellular Organisms (Bacteria, Fungi, Phage etc), Biochemistry, Ecology and Environment, Experimental Biology, and Data Science and Visualization for Biology will be valued.</p>

Compensation: is commensurate with experience.

To Apply:

If you are interested, please email your resume to facultyhiring@atria.edu with the subject: Application for the Role of Faculty in Life Sciences at Atria University.

