



Dear Bioscience Program Applicant:

The faculty members of the Bioscience program at Athens Technical College (ATC) are pleased you have expressed interest in pursuing the Associate of Applied Science degree in Bioscience!

Enclosed you will find an application checklist and some general information about the program. What you specifically will need to submit by the **May 15th deadline** depends upon your student status at ATC (see the “Bioscience Program Application Checklist” included in this packet).

All **Application Materials** must be submitted by May 15th to:

Admissions Coordinator for Bioscience
Technical College
800 US Hwy 29N
Athens, GA 30601

The Bioscience program will conduct two day and evening information sessions per semester. Documented attendance is **required** by all Bioscience program applicants. All applicants must present a government-issued driver’s license at the orientation session attended. Applicants must attend one of the information sessions prior to the May 15th deadline of the year that application is being submitted. Attendance to a mandatory information session for a previous year’s application does **NOT** carry over to the next year’s application process.

Official transcripts (must be sent directly to Athens Technical College from the institution at which you earned course credit).

All transcripts from colleges you attended previously must be official and it is your responsibility to request that they be sent to Athens Technical College such that they will arrive well before the application deadline. Once you have been accepted into the college, the Director of Registration and Records will evaluate your transcripts to determine if credit will be granted for previous coursework and will inform you by letter or ATC student email address of the credit awarded for previous college-level study. Applicants transferring from other colleges must have official transcripts sent directly to the ATC Office of Admissions. It is the student’s responsibility to confirm transferability of equivalent coursework with the ATC Director of Registration and Records *before the May 15th* application deadline.

Students who seek financial aid to help fund their college education should contact the Athens Technical College Financial Aid Office at (706) 355-5009 to speak to a financial aid counselor.

If you have any questions, do not hesitate to visit the college website at www.athenstech.edu to learn more about the college, the Bioscience program, the admission process, and financial aid. You may also contact the program chair Dr. Nicole Parker at niparker@athenstech.edu if you have additional specific questions about the program.

We wish you success in the application process.

Sincerely,

Nicole Parker, Ph.D.
Program Chair, Bioscience

04.25.2024

PROGRAM CHAIR and INSTRUCTOR:



The Program Chair, Dr. Nicole Parker received her Bachelor's degree in Biology from Shorter College and her Ph.D. in Cell and Molecular Biology from the University of Arkansas. Dr. Parker has taught a range of Biology and Chemistry courses in Higher Education over the past 13 years and is very excited to lead the Bioscience Department here at Athens Technical College. Dr. Parker is originally from Peachtree City, Georgia and currently resides in Monroe, Georgia.

APPLICATION PROCESS:

The Bioscience program cannot admit all qualified applicants. Program enrollment is limited to 12 students. Only students meeting the minimum requirements will be presented to the admissions committee. The 12 applicants with the highest total score will be admitted to the program. Candidates will be scored using the following criteria. GPA in College Algebra (MATH 1111) OR Precalculus (MATH 1113), in addition to Biology I with Lab (BIOL 1111 and BIOL 1111L), and Chemistry I with Lab (CHEM 1211 and CHEM 1211L). Coursework must be completed within the last 5 years as of the application deadline for selection consideration. If a course has been repeated, only an average of the first two attempts will be considered for admission.

LENGTH OF PROGRAM:

After the pre-application courses have been successfully completed and a student has been accepted into the program, the curriculum can be completed in five consecutive semesters. Students should attempt to complete most if not all of the general education courses prior to enrolling in program-specific courses. Program-specific courses are taught in a strict sequence that begins each fall. Students are awarded an Associate of Applied Science degree upon program completion.

ACADEMIC RIGOR:

Some students *who have prior college credit for the general education courses* required in the Bioscience curriculum *may* enroll on a part-time basis while enrolled in the program during *some* semesters of study. Each course in the curriculum is offered only once per year in a very strict course sequence. Even when students have completed most or all of the general education courses in the curriculum, many students find that to be successful in the program academically they must make a full-time commitment to the program. Students are expected to be *ACTIVE* participants in the learning process. Successful completion requires dedicated, hard-working students who can conduct themselves in a professional manner during the learning process.

GENERAL PROGRAM INFORMATION:

The program combines general liberal arts courses with science and technical courses to prepare students for work in a wide range of fields including cell-based therapies, research, pharmaceutical applications, environmental science, and genetics. The Bioscience degree prepares graduates to perform a number of biotechnology-related careers including laboratory research and skills to work in sophisticated biomanufacturing settings.

Year 1

| Fall | Hr | Spring | Hr | Summer |
|---|-----------|--|-----------|---|
| BIOL 1111: Biology I★ BIOL 1111L: Biology I Lab★ | 4 | CHEM 1211: Chemistry I★ CHEM1211L: Chemistry I Lab★ | 4 | Program Admission and Orientation |
| MATH 1111: College Algebra★ | 3 | ENGL 1101: Composition and Rhetoric** | 3 | |
| FSSE 1000: First Year Seminar** | 3 | Area II Elective** | 3 | |
| | | Area IV Elective** | 3 | |
| Totals | 10 | | 13 | |

Year 2

| Fall | Hr | Spring | Hr | Summer | Hr |
|---|-----------|---|-----------|---|-------------|
| BTEC 2191: Fundamental Microbiology BTEC 2191L: Fundamental Microbiology Lab | 4 | BTEC 2192: Applied Biotechnology Methods BTEC 2192L: Applied Biotechnology Methods Lab | 5 | Bioscience Elective: Recombinant DNA Methods and Lab BIO 2203/L | 5 |
| CHEM 1212: Chemistry II CHEM 1212L: Chemistry II Lab | 4 | BTEC 2130: Basic Laboratory Calculations | 2 | Bioscience Elective: Biochemistry and Lab BIOC 2100/L | 5 |
| CHEM 2211: Organic Chemistry CHEM 2211L: Organic Chemistry Lab | 4 | BTEC 2221: Regulatory Compliance | 3 | | |
| | | Bioscience Elective Biology II or Organic II | 4 | | |
| Totals | 12 | | 14 | | 5-10 |

Year 3

| Fall | Hr |
|--|------|
| Bioscience Elective: Industrial Cell Culture and Immunology and Lab BTEC 2211/L | 4 |
| CHEM 2300: Quantitative Analysis CHEM 2300L: Quantitative Analysis Lab | 5 |
| BTEC 2500: Applied Bioscience Internship | 3 |
| Totals | 8-12 |

- ★Biology I with lab, College Algebra, and Chemistry 1 with lab are required prerequisites prior to entering the program.
- Choose two out of three
- ** These are co-requisite courses but it is highly recommended that the courses be completed prior to entering the program.
- All prerequisites and co-requisite courses must be completed with a C or better.

Bioscience Program Application Checklist

All Applicants – submit all items in the following list plus Option A, B or C depending upon your status:

- _____ Verification of Lawful Presence in the United States and applicant age (submit a photocopy of your passport, driver’s license or state-issued photo identification card).
- _____ [Bioscience Program Intent Form](#) - this form is to be submitted electronically.
- _____ Documented attendance at one **REQUIRED** Bioscience program information session. Times and dates are available online.
- _____ Documentation of valid (less than 5 years old) completion of College Algebra (MATH 1111) OR Precalculus (MATH 1113), AND Biology I with Lab (BIOL 1111/L) and Chemistry I with Lab (CHEM 1211/L) or equivalent courses with final course grades of C or better. If a course has been repeated, only an average of the first two attempts will be considered for admission selection.
- _____ Applicants transferring from other colleges must have official transcripts sent directly to the ATC Office of Admissions. It is the student’s responsibility to confirm transferability of equivalent coursework with the ATC Director of Registration and Records *before the May 15th* application deadline.
 - Applicants currently/previously enrolled at ATC should submit copies of their on-line academic transcript.

Option A - New students (not currently or previously enrolled at Athens Technical College):

- _____ Completed and signed Application for Admission to Athens Technical College (available on-line at [ATC Application](#) - Select *Admissions, Apply Now*) and the required application fee.
 - Indicate “Bioscience” on the application form as your intended program of study.
- _____ Official transcripts from every college attended previously (if applicable) **OR** Official transcripts from the high school from which the applicant graduated (or GED documentation) if no prior college-level coursework has been completed. (College and University Transcript Request forms are available online at [Transcript Request](#) – Select *Current Student, Registration & Records, Transcript Requests*).

Option B - Currently enrolled ATC students:

- _____ Completed and signed Program Change Form (available on-line [Program Change Form](#) - Select *Current Students, Academic Resources, Student Services Forms, Program Change Form*) indicating “Bioscience” as your intended program of study.

Option C - Former Students (not enrolled at ATC within the last two consecutive semesters of application):

- _____ Completed Application to the College (available on-line [Online Application](#) - Select *Admissions, Apply Now, Returning Students, Application for Admissions* indicating “Bioscience” as your intended program of study.
- _____ Placement Test Results (required if your scores on file at Athens Technical College are more than FIVE years old).

Candidates will be ranked using the following criteria: GPA in College Algebra (MATH 1111) OR Precalculus (MATH 1113), Biology I with lab (BIOL 1111/BIOL 1111L), and Chemistry I (CHEM 1211/CHEM 1211L). Students can typically expect to receive written notification regarding their standing by early/mid June.

Bioscience Program Fee Schedule

| Prior to Program Entry | | | |
|------------------------------------|--------------------|-------------------------|--------------------------|
| Bioscience Program Application Fee | \$25.00 | | \$25.00 |
| Total | \$25.00 | | \$25.00 |
| First Semester (Fall) | Georgia (\$107/hr) | Out of State (\$214/hr) | Program Cr Hrs /semester |
| 12 credit hours | \$1284.00 | \$2568.00 | 12 |
| Accident Insurance Fee | \$6.00 | \$6.00 | |
| Instructional Fee | \$60.00 | \$60.00 | |
| Parking Fee | \$45.00 | \$45.00 | |
| Registration Fee | \$65.00 | \$65.00 | |
| Student Activity Fee | \$45.00 | \$45.00 | |
| Technology Fee | \$110.00 | \$110.00 | |
| Campus Safety Fee | \$40.00 | \$40.00 | |
| Campus Supply Fee | \$40.00 | \$40.00 | |
| Total for First Semester | \$1695.00 | \$2979.00 | |
| Second Semester (Spring) | | | 14 |
| 14 credit hours | \$1498.00 | \$2996.00 | |
| Accident Insurance Fee | \$6.00 | \$6.00 | |
| Instructional Fee | \$60.00 | \$60.00 | |
| Parking Fee | \$45.00 | \$45.00 | |
| Registration Fee | \$65.00 | \$65.00 | |
| Student Activity Fee | \$45.00 | \$45.00 | |
| Technology Fee | \$110.00 | \$110.00 | |
| Campus Safety Fee | \$40.00 | \$40.00 | |
| Campus Supply Fee | \$40.00 | \$40.00 | |
| Total for Second Semester | \$1909.00 | \$3407.00 | |
| Third Semester (Summer) | | | 5 |
| 5 credit hours | \$535.00 | \$1070.00 | |
| Accident Insurance Fee | \$6.00 | \$6.00 | |
| Instructional Fee | \$60.00 | \$60.00 | |
| Parking Fee | \$45.00 | \$45.00 | |
| Registration Fee | \$65.00 | \$65.00 | |
| Student Activity Fee | \$45.00 | \$45.00 | |
| Technology Fee | \$110.00 | \$110.00 | |
| Campus Safety Fee | \$40.00 | \$40.00 | |
| Campus Supply Fee | \$40.00 | \$40.00 | |
| Total for Third Semester | \$946.00 | \$1481.00 | |
| Total First Year | \$4550.00 | \$7867.00 | |

| Fourth Semester (Fall) | | | Program Cr Hrs /semester |
|----------------------------------|------------------|--------------------|-----------------------------|
| 12 credit hours | \$1284.00 | \$2568.00 | 12 |
| Accident Insurance Fee | \$6.00 | \$6.00 | |
| Instructional Fee | \$60.00 | \$60.00 | |
| Parking Fee | \$45.00 | \$45.00 | |
| Registration Fee | \$65.00 | \$65.00 | |
| Student Activity Fee | \$45.00 | \$45.00 | |
| Technology Fee | \$110.00 | \$110.00 | |
| Campus Safety Fee | \$40.00 | \$40.00 | |
| Campus Supply Fee | \$40.00 | \$40.00 | |
| Total for Fourth Semester | \$1695.00 | \$2979.00 | |
| Total Second Year | \$1695.00 | \$2979.00 | |
| ENTIRE PROGRAM FEES | \$6245.00 | \$10,846.00 | |

**Subject to change without notice.*

**Third and Fourth Semesters may look different depending on elective choices, but the overall total will remain the same.*

Student is also responsible for purchasing required textbooks for each course

Athens Technical College
Bioscience Program
 Admission Criteria Evaluation Sheet

Name: _____ Student ID: _____ Total Score (Max of 100 Points) _____

Mandatory Bioscience Orientation Session: Y or N

Bioscience Program Core Courses

| Course | Credits | Grade | Grade Points | Quality Points |
|--------|---------|-------|--------------|----------------|
|--------|---------|-------|--------------|----------------|

| | | | | |
|-------------------|---|--|--|--|
| BIOL 1111 | 3 | | | |
| BIOL 1111L | 1 | | | |
| CHEM 1211 | 3 | | | |
| CHEM 1211L | 1 | | | |
| MATH 1111 OR 1113 | 3 | | | |
| | | | | |

GPA = Total Quality Points / 11

- I. Grade Point Average of Bioscience Program Core Courses
 (BIOL 1111/L, CHEM 1211/L, and MATH 1111 or MATH 1113)
 (Maximum of 100 points): _____

| | |
|-------------|-----|
| 3.75 - 4.00 | 100 |
| 3.50 - 3.74 | 90 |
| 3.25 - 3.49 | 80 |
| 3.00 - 3.24 | 70 |
| 2.50 - 2.99 | 60 |
| 2.25 - 2.49 | 50 |
| 2.00 - 2.24 | 40 |

Tie Breakers:

1. Bioscience Program Admission Criteria Evaluation Sheet Score
2. Overall GPA
3. Individual Core and General Education Course Grades
 - CHEM 1211
 - CHEM 1211L
 - MATH 1111 or 1113
 - BIOL 1111
 - BIOL1111L
 - ENGL 1101
 - Social and Behavioral Sciences Elective
 - Humanities and Fine Arts Elective
 - FSSE 1000