



Auburn University

2021 Summer Science Institute

Application Packet

What is the AU Summer Science Institute?

The Summer Science Institute at Auburn University is a summer science program for rising 11th-12th grade students with a high aptitude and interest in the fields of **science and mathematics**. The program, supported by the College of Sciences and Mathematics (COSAM) at Auburn University, partners students with experienced AU Science and Math research faculty to explore topics more advanced than what is typically taught in a public or private high school environment. In 2021, the program will occur **June 6-12**.

**Students who are particularly interested in engineering should consider applying to attend the Auburn University Senior Tigers Engineering Camp for rising 11th and 12th graders instead of the Summer Science Institute.*

Cost:

There is a \$700 registration fee per student for program administration. However, the Summer Science Institute is offered at **NO COST** to its participants due to registration fees being financed by grants and other sponsoring organizations at Auburn University. All educational and recreational programming, meals, and lodging are provided free of charge to the chosen participants. Students may wish to bring some 'pocket money' for items such as souvenirs and extra snacks. You do NOT need to submit any fees with registration packet.

Eligible Applicants:

- Must be entering 11th or 12th grade in the fall of 2021.
- Superior academic proficiency in sciences courses is required.
- Minimum ACT score of 28, or SAT combined score of 1850.
- Must demonstrate leadership abilities and social maturity through (1) personal essay, (2) involvement in school and community activities, and (3) teacher/adult recommendations.

Application Components: *All components are required for a complete application. Only students with complete applications will be considered for participation in the program.*

1. Typed, completed, and signed "Basic Applicant Information Form"
 - This form is page 3 of the SSI Application Packet
2. Resume detailing qualifications and extra-curricular activities
 - Students may use our form found on pages 4 – 5 of the SSI Application Packet OR
 - Students may submit a separately typed document which includes all required information
3. High School Math and Science Plan
 - This form is page 6 of the SSI Application Packet
4. Typed, 1 – 2 page essay
 - Students must answer questions 1 – 6 found on page 6 of the SSI Application Packet.
 - Essays should be typed and submitted with the complete Application Packet.
5. Copy of at least one standardized assessment score sheet (ACT, SAT, PLAN, PSAT)
 - Standardized assessment scores (ACT, SAT, PLAN, PSAT) must be included on the High School Math and Science Plan signed by the counselor.

- Students should also send copies of their scores as a component of the application.
 - Qualified applicants should have a minimum 28 ACT score or minimum 1850 SAT score (reading, writing, and mathematics combined)
6. Headshot photograph
 - A professional-looking headshot should be included as a component of the application. These photos do not have to be taken by a professional photographer, but student should be “professional in nature” (no cell phone selfies please!)
 7. Two recommendation forms
 - One form should be completed by a teacher (non-relative)
 - One form should be completed by an adult other than a teacher (non-relative)

Submission:

1. Staple items 1 – 6, described above
2. Submit the stapled application (items 1 – 6) **postmarked by February 8, 2021** to:

COSAM Outreach
Summer Science Institute
131 Sciences Center Classrooms Building
Auburn University, AL 36849
Ph: 334-844-5769, fax: 334-844-7449, email: vlm0015@auburn.edu

3. Recommendation forms must be completed and returned to the address above by the recommender. **All recommendation forms must be postmarked by February 8, 2021 or emailed to vlm0015@auburn.edu by 5:00pm on February 8, 2021.**
4. Candidates will be notified by **March 27, 2021** of acceptance or non-acceptance into the program.

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Applicant Information

Please Print.

Name: _____ Preferred name for name tag purposes: _____
Last First Middle I.

Address: _____
Street City State Zip

Home Phone: (____) _____ Cell phone: (____) _____

Student Email Address: _____ Parent Email: _____

Upcoming grade (Fall 2021): _____ Birth Date: _____

Gender: _____ Race (optional): _____ T-Shirt size: _____

School currently attending: _____

State and County of residence: _____
State County

Application Checklist:

- × Completed & signed Basic Applicant Information Page (pg. 3)
- × A résumé detailing qualifications and extracurricular activities (pg. 4)
- × High School Math and Science Plan (pg. 5)
- × Standardized assessment scores (ACT, SAT, PLAN, PSAT)
- × A 1-2 page essay (pg. 6)
- × A headshot photograph
- × 2 completed recommendation forms
 - 1 form to be completed by a teacher (non-relative)
 - 1 form to be completed by an adult other than a teacher (non-relative)

Student commitment:

If selected, it is my intent to fully commit to the **Summer Science Institute** at AU by attending all 6 days of the program. If I am unable to commit, I will contact the Auburn University COSAM Outreach Office by May 1st to cancel so a student alternate will have the opportunity to attend.

Student signature: _____

Parent/Guardian Support:

I have read the program details packet and program requirements. The above student has my approval, support, and encouragement to participate in the **Summer Science Institute** at Auburn University.

Parent/Guardian name (please print): _____

Parent/Guardian signature: _____

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Résumé

Please submit a typed résumé highlighting your experience in the following areas:

- **Work Experiences/Internships**

List all work/internship experiences you have had to date. Be sure to include 2-3 bullet points under each indicating what duties you performed at each work/internship experience.

- **Volunteer Experiences**

List any volunteer experiences you have had, in high school, to date. Be sure to include 2-3 bullet points under each indicating what duties you performed for each volunteer experience.

- **Extracurricular Activities**

List all extracurricular (both in and out-of-school) activities/programs you have been actively involved in during high school. Be sure to indicate any leadership roles you performed in said activities.

- **Special Awards and/or Recognitions**

List any special awards and or recognitions you have received since being in high school. Be sure to include both academic and non-academic awards/recognitions.

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Math and Science Plan

Student Name: _____

ACT/SAT/PLAN/PSAT Score: _____

Note: Applicant should have minimum 28 ACT or 1850 SAT (combined score for Reading, Writing, and Math)

Class Rank: _____ / _____
(Number of students in your class)

Current High School GPA – Non-Weighted: _____ Weighted: _____

List the math and sciences courses you have taken with the letter grade you received in the course. Please list the courses you also plan to take or have not completed. Mark all planned course grades as “NA” (Not Applicable).

Freshman Year:

Math Course(s)	Grade	Science Courses	Grade

Sophomore Year:

Math Course(s)	Grade	Science Courses	Grade

Junior Year:

Math Course(s)	Grade	Science Courses	Grade

Senior Year:

Math Course(s)	Grade	Science Courses	Grade

Administrator/Advisor: I certify that the above student’s grades and GPA are listed correctly.

Signature **Date**

Print name **Title/Position**

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Essay Questions

Please compose a 1-2 page essay in response to the following questions. Type and submit the essay with your Application Packet.

1. Why do you want to participate in this program?
2. What do you think you could contribute to the program?
3. What do you hope to gain from this program?
4. What do you consider to be your best personal qualities?
5. What do you consider to be your areas of weakness?
6. Address **one of the following questions** in your essay:
 - A. In your opinion, what is the most important scientific discovery in the past 100 years?
 - B. How do you think scientific discovery and innovation in the field of sciences/mathematics will impact society during your lifetime?
 - C. What scientific discovery has made the most impact on your life?

Please direct any questions regarding the application process to:

Dr. Veronica Morin
Assistant Director of STEM Outreach
College of Sciences and Mathematics
vlm0015@auburn.edu
334-844-5769



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Confidential Recommendation Form

The Summer Science Institute at Auburn University is a summer science program for rising 11th-12th grade students with a high aptitude and interest in the fields of science and math. The program, supported by the College of Sciences and Mathematics at Auburn University, partners students with experienced AU Science and Math research faculty to explore topics more advanced than what is typically taught in a public or private high school environment. Eligible students are those that exhibit academic proficiency in mathematics and/or science courses, demonstrate leadership and social maturity, and have an innate curiosity and eagerness to explore many and varied topics.

We would appreciate your candid responses concerning this applicant and would like to assure you that all of the information provided will be kept confidential. If you have any questions regarding the program, please feel free to contact Mary Lou Ewald, Director of Outreach, at (334) 844-5745 (ewaldml@auburn.edu). Thank you for your time and assistance. Please return your responses to the address listed below no later February 8, 2021. This program is very important to us and your comments aid us in selecting a diverse and committed group of students.

Mary Lou Ewald
COSAM Outreach (SSI)
131 Sciences Center Classrooms Building
Auburn University, AL 36849
Fax: 334-844-5740, email: ewaldml@auburn.edu

Name of Applicant: _____

How do you know the applicant? _____

For how long have you known the applicant? _____

Please explain why you are recommending this applicant for the SSI program (attach additional sheets if desired):

Please appraise this student on each of the following traits to the best of your ability.

	Outstanding (top 1%)	Excellent (top 5%)	Good (top 10%)	Average	Below Average	Not able to appraise
1. Ability to follow instructions						
2. Shows respect for peers (able to work in groups)						
3. Shows respect for adults						
4. Self motivated (able to work independently)						
5. Demonstrates responsibility (directs energies toward tasks)						
6. Demonstrates enthusiasm in performing assigned tasks						
7. Strives for excellence						
8. Punctual						
9. Mentally alert (organization skills/problem-solving skills)						
10. Demonstrates proper etiquette and manners						
11. Demonstrates integrity/honesty						
12. Demonstrates optimism and self-respect						
13. Capacity to try new ideas and increase knowledge						
14. Attitude toward constructive criticism						
15. Ability to adapt to change						
16. Demonstrates innate curiosity						

Do you recommend this applicant for the AU Summer Science Institute?

Yes

No

Can we contact you for additional information?

Yes

No

email: _____

Print Name

Phone #

Signature

Date