TIGER CHALLENGE  
K – 6th GRADE

TIGER SCHOLAR  
7th – 8th GRADE

TIGER U  
9th – 12th GRADE

REGISTER BY MAY 3 & SAVE!

$50 OFF FULL DAY  
(Includes Residential Camps)

SIGN UP TODAY!

outreach.lsu.edu/precollege  
225-578-2500  
precollege@outreach.lsu.edu

SUMMER CAMPUS AT LSU  
THINK SUMMER FUN!
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ACKNOWLEDGEMENTS

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Southwestern Cheerleading Association (SCA)
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outreach.lsu.edu | 225-578-2500 | precollege@outreach.lsu.edu
Information in this catalog is correct at the date of publication, but is subject to change.
# 2019 Calendar of Camps & Courses

Tiger Challenge courses meet Monday–Friday, 8 a.m.–4:30 p.m. Location details are included in the registration confirmation.

## Tiger U Course Schedules and Meeting Times

- Tiger U course schedules and meeting times vary. Refer to the course description for details.

## TIGER CHALLENGE

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<td>Mad Scientists</td>
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<td></td>
<td>Pets &amp; Vets</td>
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<td>The Great Escape</td>
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<tr>
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<td>ABC’s of Survival Skills</td>
<td>Guinness World Records: Can You Break It?</td>
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<td>Space Detectives</td>
<td>The Human Body</td>
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<td>Tiger Techies</td>
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<td>7th–8th</td>
<td>Intro to Kinesiology</td>
<td>Vet Medicine</td>
<td>Tiger Chef</td>
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<tr>
<td></td>
<td>Explore Microbiology</td>
<td>STEAM Explorers</td>
<td>Tiger Challenge &amp; Harry Potter</td>
</tr>
<tr>
<td></td>
<td>Architecture &amp; Environmental Design</td>
<td>Digital Journalism &amp; Broadcasting</td>
<td>Engineering &amp; Innovation</td>
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<td>LeadeShip U (June 16–21)</td>
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<td>Academic Success Strategies</td>
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<td>LSU STEM Pathways: Intro to Engineering (June 9–28)</td>
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<td>LSU College Readiness Program: Calculus &amp; College Mathematics (June 9–28)</td>
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<td>LeaderShip U (July 7–12)</td>
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</tbody>
</table>

## Residential Camps 10th–12th

- LSU STEM Pathways: Intro to Engineering (June 9–28)
- LSU College Readiness Program: Math Circle (June 9–28)
- LSU College Readiness Program: Calculus & College Mathematics (June 9–28)

For more information and to register: outreach.lsu.edu/precollege or call 225-578-2500

Registration Office: 1225 Pleasant Hall, LSU Campus | Monday–Friday 8 a.m.–4:30 p.m.
If you are entering grades 9–12, join us this summer at Tiger University! Learn in a college-like environment that is academically engaging and builds college readiness. Interact with LSU faculty and field experts, and enjoy unique resources of the LSU campus as you meet new people. Hands-on interactive courses are the perfect chance to investigate your favorite subjects or find something new to explore.

**SPECIALTY & TECHNOLOGY CAMPS**

**DESIGNED FOR STUDENTS ENTERING GRADES 9–12**

**ACT Test Prep: Summer Institute**
The LSU ACT test preparation Summer Institute program covers skills needed for success on the ACT. Real test questions show just how these skills are tested, and our instructors are committed to providing individualized attention to the needs of each student. The program consists of 20 hours of classroom instruction from an experienced instructor, together with additional practice with access to online resources, four online hours of review sessions, and open office hours. All sessions are held on the LSU campus. Test-taking strategies and question formats are covered, along with all ACT test components: Quantitative subjects (equations, fractions, ratios, geometry), and Verbal subjects (analogies, sentence completion, and critical reading). Course fee includes all sessions and course materials.

**LSU-Baton Rouge**
- Session I: June 3–6; 9:00 a.m.–3:00 p.m. (Monday–Thursday)
- Session II: July 8–11; 9:00 a.m.–3:00 p.m. (Monday–Thursday)
- Session III: July 29–August 1; 9:00 a.m.–3:00 p.m. (Monday–Thursday)
- Session IV: August 5–8; 9:00 a.m.–3:00 p.m. (Monday–Thursday)

**Course Fee: $499**

**Slidell**
- Session I: July 8–11; 9:00 a.m.–3:00 p.m. (Monday–Thursday)

**Course Fee: $499**

**CGI Modeling & Animation for Beginners**
*In partnership with LSU Digital Media Arts & Engineering and LSU School of Art*

In this week-long camp, learn basic techniques for creating and animating CGI models. Explore the history of animation and where 3D computer animation is today. Investigate topics like creating materials and textures for computer models as well as how to light them. Practice some entry-level techniques, and create some simple CGI animations on your own. Anticipate campus activities and tours as well.

**June 10–14; 9:00 a.m.–4:00 p.m., Monday–Friday**

**Course Fee: $450**
College Major & Career Boot Camp
Designed for students entering grades 11 & 12 or graduating seniors
Answer the question, “Who am I?” and use what you learn to make smart college and career decisions. If you are a rising high school sophomore, junior, or senior in fall 2019 or are a 2019 graduate who wants to make excellent decisions about college majors to prepare for a meaningful and enjoyable career, this camp is for you. Using ability, aptitude, and personality testing, thoroughly explore your abilities, interests, personality, and values. Identify occupations that seem to be the best fit for you, and explore a plethora of information about these careers to help you make sound decisions about majors and college curricula. By the end of the week, you’ll have a personalized college and career action plan and specific next steps to move forward in the decision-making process.

Special Instructions: Bring ear buds or headphones.
June 17–21; 1:00 p.m.–4:00 p.m., Monday–Friday
Course Fee: $375

Introduction to Computer Science & Programming
In partnership with LSU Division of Computer Science & Engineering and Louisiana Economic Development
Designed for students entering grades 9–12
Do you want to get a head start learning about computer science and programming? Computer science is one of the fastest-growing fields in today’s job market. It plays a crucial role in our IT infrastructure, supporting all kinds of applications from scientific computing to engineering, from game development to social media, from business administration to healthcare, and many other domains. In this camp, develop problem-solving skills in programming and learn key concepts in major areas of computer science (such as technology systems, networks, algorithms, data structures, data analytics, visualization, artificial intelligence, robotics, and cybersecurity). Explore cutting edge labs and interact with computer science faculty and students
June 17–21, 9:00 a.m.–4:00 p.m., Monday–Friday
Course Fee: $375
(Limited financial assistance scholarships available)
Camp will be held in Patrick Taylor Hall

A Beginner’s Guide to Using Unity for Video Games
In partnership with LSU Digital Media Arts & Engineering and LSU School of Art
Unity is one of the leading video game engines. It’s free to download and easy to learn with great online tutorials. Learn the basic building blocks that go into creating your first video game using Unity. Prior CGI experience is not required, but you can get an excellent introduction to CGI by taking “CGI Modeling and Animation for Beginners” (see page 2). Anticipate campus activities and tours as well.
July 8–12; 9 a.m.–4 p.m., Monday–Friday
Course Fee: $450

Digital Art & Design
In partnership with LSU Digital Media Arts & Engineering and LSU School of Art
Do you find yourself with a designer’s eye and a creative itch? Scratch it by developing technical skills you need to thrive in today’s digital arena. Expand your horizons and accelerate your progress by exploring Adobe Photoshop and Adobe Illustrator. Use digital photography, vector artwork, and typography across multiple platforms. Create your own brand, design a poster, and receive guidance on a self-selected personal piece to start your portfolio. Top it all off with a primer on motion graphics in Adobe After Effects to add versatility and some heft to your new bag of tricks. Anticipate campus activities and tours.
July 15–19; 9 a.m.–4:00 p.m., Monday–Friday
Course Fee: $450

Academic Success Strategies
In partnership with LSU Center for Academic Success
Learn scientifically proven, easy-to-use approaches for studying, learning, and retaining information. Determine the strategies that work best for you based on your individual preferences in order to learn more efficiently and at higher levels. Discover how to balance fun with study time and get the most out of your day through goal setting, time management, motivational techniques, and procrastination-busting tips. Additionally, explore test preparation, test taking, and stress reduction strategies to help you improve your exam performance.
July 15–19; 12:30 p.m.–4:30 p.m., Monday–Thursday
Course Fee: $375

Knowledgeable and patient instructor. Great way to learn more about yourself and narrow down college major options to best fit my career path.

College Major & Career Bootcamp Student

For more information and to register: outreach.lsu.edu/precollege or call 225-578-2500
RESIDENTIAL CAMPS

The camp was amazing, I had a great time and it helped me decide that I want this to be my career.

Architecture Camp Student

LSU Architecture Camp

In partnership with LSU School of Architecture
Designed for students entering grades 10–12
(Limited financial assistance scholarships available)

Do you think you might want to be an architect? This one-week residential camp is an exciting chance for high school students entering grades 10–12 to explore the world of design and architecture. Explore basic design principles and techniques to create hands-on building and model-making activities. Interact with faculty and LSU architecture students on real-life projects. Tour the unique architecture and landscape architecture of the LSU campus and visit construction sites and local architecture firms.

- Get a taste of college life—live on campus (includes residence hall accommodations and meals)
- Explore architectural ideas through hands-on studios and field trips
- Attend seminars and lectures, and participate in critiques
- Meet professional architects: learn how they work, and how they prepared for their careers

June 9–14, Sunday–Friday

Course Fee: $975 ($925 by May 3, 2019)
(includes full program, housing, meals and more!)

Register by May 3 & SAVE $50 OFF FULL DAY

Architecture Camp Student
LeaderShip U Residential Program

Designed for students entering grades 10–12 (Limited financial assistance scholarships available)

Prepare for success in college and beyond! This one-week residential camp on the LSU campus is designed to excite and inspire high school students entering grades 10–12. Learn about yourself and your impact on others, and explore your role in the world at large. Experience college life and put knowledge into practice through goal-setting, team-building, and leadership activities. Gain a sense of accomplishment and enjoy camaraderie during the program, and develop long-term friendships that extend beyond the program. We invite you to come and be challenged by a week of intensely fun learning and leadership!

Session I: June 16–21; Sunday–Friday
Session II: July 7–12; Sunday–Friday

Benefits of LeaderShip U:
- Improve your communication ability in any setting
- Generate motivation to go after your biggest dreams
- Develop self-management skills and an action plan to achieve your goals
- Explore your leadership potential
- Get serious about the college admissions process
- Develop a positive self-image and learn the power of positive beliefs
- Learn about developing networking opportunities and lifelong friendships

Eligibility Requirements:
- Must have 2.75 GPA or higher
- Complete online application and upload the following documents to application:
  - Grade report or transcript
  - Recommendation letter from a teacher, principal, advisor, mentor, employer, etc.

Registration is on a first-come, first-served basis as qualified applicants register.

Course Fee: $975 ($925 by May 3, 2019)
(includes full program, housing, meals and more!)

THE PROGRAM AT A GLANCE

Sunday
Check in and get to know your peers.
What’s this all about?

Monday
Who are you? Who is everyone else? Take a campus tour.

Tuesday
Communication and challenge course

Wednesday
Conflict resolution, successful interactions, managing me, and field trip/tour

Thursday
College admissions and campus scavenger hunt

Friday
Career exploration and mentor roundtable; commencement/awards ceremony

* Schedule is subject to change

Great opportunity to be a part of the LSU campus life, meeting new people. Best high school experience by far!

LeaderShip U Student
LSU Robotics Summer Residential Program

In partnership with LSU Department of Mechanical and Industrial Engineering
Designed for students entering grades 9–12
Limited financial assistance scholarships available

Do you think you might want to pursue a professional career in the STEM field? Robotics is at the intersection of mechanical engineering, electrical engineering, and computer science? Join us in this new summer camp to explore the basic principles behind the fascinating and growing world of robotics! While you’re on campus, you’ll get a sneak peek into life as an engineer at LSU. Learn about the essential components of robotic systems by using the VEX platform to build and program a functioning robot. The camp involves hands-on activities and the opportunity to interact with LSU faculty and students.

• Get a taste of college life—live on campus (includes residence hall accommodations and meals)
• Visit LSU facilities, attend field trips and participate in group activities
• Explore different robotic platforms being used for research and education at LSU.

June 23–28, Sunday–Friday
Course Fee: $1195 ($1145 by May 3, 2019)
(includes full program, housing, meals and more!)

LSU College Readiness Program: Math Circle

In partnership with the LSU Department of Mathematics and the Gordon A. Cain Center for STEM Literacy
Designed for students entering grades 9–12

Do you want to expand your knowledge of mathematics? Want to prepare for university-level math classes? At Math Circle, take rigorous courses in number theory and combinatorics, as well as a choice of electives ranging from coding to statistics. You and other like-minded students will collaborate to solve challenging problems, communicate your findings, and gain a broader understanding of higher-level math and its applications.

• Learn from expert instructors about mathematics not taught in the high school curriculum
• Participate in fun all-day math activities like the Math Circle Casino and the campus-wide Cryptography Scavenger Hunt
• Get a taste of college life through tours and on-campus activities

June 9–28, Sunday–Friday (3 weeks)
Course Fees:
Commuters: $1,395 ($1,295 by May 3, 2019)
(includes lunch)
Residential:  $3,350 ($3,150 by May 3, 2019)
(includes full program, housing, and meals)

LSU STEM Pathways: Introduction to Engineering

In partnership with the LSU College of Engineering and the Gordon A. Cain Center for STEM Literacy
Designed for students entering grades 9–12

Do you have an interest in STEM but aren’t sure what you want to be when you grow up? Don’t worry...you aren’t alone! But we’re here to help you narrow it down by introducing you to ten possible college majors and career options in STEM fields. Through interactions with LSU engineering faculty, visits to real engineering labs, and hands-on projects related to ten primary engineering disciplines, you can immerse yourself in the field of engineering! Use your experience to help you make informed decisions about future elective choices in high school, find an interesting major in college, and eventually lead you to the career of your dreams!

June 9–28, Sunday–Friday (3 weeks)
Course Fees:
Commuters: $1,395 ($1,295 by May 3, 2019)
(includes lunch)
Residential:  $3,350 ($3,150 by May 3, 2019)
(includes full program, housing, meals and more!)

Great camp and a great way to introduce students to LSU Engineering!

Robotics Camp Student
REGISTRATION INFORMATION

Courses fill quickly, so we encourage you to register early. Registrations are accepted on a first-come, first-served basis. Please register no later than one week prior to your first class meeting. All documentation required for course admission must accompany the registration, including medical information.

It’s Easy to Register
Register for our programs online, by mail, telephone, or in person. All telephone and online registrations must be paid by credit card. We accept Visa, MasterCard, Discover Card or American Express. Please make all checks or money orders payable to LSU and include your driver’s license number.

Note: A returned check charge of $25 will be added to your registration fee if your payment is returned unpaid by your bank for insufficient funds.

Online Registration
Online registration is the easiest and fastest way to enroll your child in summer camps. Complete information on courses and camps can be found at www.outreach.lsu.edu/precollege

Telephone/Email
Phone: 225-578-2500
Fax: 225-578-3090
Email: precollege@outreach.lsu.edu
8:00 a.m.–4:30 p.m., Monday–Friday

Mailing Address/Walk-In Registration
Louisiana State University
Pre-College Programs
1225 Pleasant Hall
Baton Rouge, LA 70803-1520

Parent/Student Handbook
Our parent/student handbook contains information regarding policies and procedures such as: Students with Special Needs, Parking, Drop-Off and Pick-Up, Student Behavior, and more. We encourage you to read through the handbook, which can be found at www.outreach.lsu/precollege

Refund & Cancellation Policy
• A $20 processing fee is charged for all refunds.
• All refunds must be received in writing and can be emailed to precollege@outreach.lsu.edu.
• Full refunds (less the processing fee) will be granted for cancellations received 10 business days prior to course start date.
• For residential camps, a 50% refund (less the processing fee) is granted for cancellations received prior to 14 business days before camp begins.
• There are no refunds for cancellation requests received less than 10 business days prior to the course start date. You may transfer to another camp, but refunds will not be possible in the new registration.
• No refunds will be given after the first class meeting.
• LSU reserves the right to cancel courses. If the course is canceled, we can transfer you to another course or refund your entire payment.

Lunch
Tiger Challenge: Supervised lunch will take place at the LSU Lab School cafeteria from 12:00 noon–12:45 p.m. Students registered for a full-day program should bring a lunch and drink.
Tiger U: Students should bring lunch and a drink. Students are not allowed to leave campus during lunch, and are asked to stay in the vicinity of their building.

Questions? Call Us or Email Us!
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