

LOUISIANA SCHOOL FOR MATH, SCIENCE, AND THE ARTS



Summer School
June 1 — June 25, 2010

THE LOUISIANA SCHOOL FOR MATH, SCIENCE AND THE ARTS IS PLEASED TO ANNOUNCE SUMMER SCHOOL 2010

The summer school program is designed to enable incoming sophomores, juniors, and seniors, new to the Louisiana School experience, to become acquainted with the Louisiana School level of academic expectation in a more relaxed and less stressful environment. Summer school offerings, such as American History to 1865, offer rising seniors the opportunity to improve grades in courses taken. (Please see the Louisiana School Forgiveness Policy in the Academic Performance section of the *Academic and Residential Life Handbook*.) These required courses also offer all students an opportunity to take courses that they may otherwise be required to take in the fall or spring semester, thereby freeing up their schedules for other required or elective courses.

ELIGIBLE STUDENTS

Each summer school student must be currently enrolled in the Louisiana School, either as a rising junior or senior or as an incoming junior, sophomore, or senior.

To reserve a space in any of the offered classes, students should send a completed application as well as a \$100 partial payment made payable to the **Louisiana School**. The Louisiana School Summer School depends in large part upon enrollment numbers, curricular needs and fees paid. Should any of the offered classes fail to enroll sufficient numbers of students for any reason, all monies paid by students in that course will be refunded. If the course is officially enrolled with the

required number of students but a student elects to withdraw, the \$100 partial payment will be forfeited as a non-refundable deposit. All deposits for classes must be received no later than Monday, May 3, 2010. Applications and the \$100 partial payment should be mailed to:

LSMSA Summer School
Attn: Dr. Jim Findley
715 University Parkway
Natchitoches, LA 71457

Returning students attending summer school should arrive at the Louisiana School between 1:00 and 3:00 p.m. on Monday, May 31, 2010, and report to the first floor lobby of Prudhomme Hall. New students who register to attend summer school will have already arrived on campus for New Student Orientation. Classes will begin on Tuesday, June 1st and continue Monday through Friday until final examinations are completed on Friday, June 25th. Students are subject to the rules and regulations set out in the *Academic and Residential Life Handbook*. All students will attend a briefing on the handbook and special summer school regulations on the first evening of summer school.

FEES

The room and board fee for summer school is \$400, to which the \$100 partial payment is applied. New students must also make a \$150 security deposit for the 2010-2011 school year. (Rising seniors and juniors must make a \$10 security deposit for the 2010-2011 school year.) All fees are non-refundable once the course offering has been officially enrolled. Security deposits may be refundable in part. Please refer to the *Academic and Residential Life Handbook*.

Final payment of all fees is due upon arrival on May 31, 2010. Please be prepared to present one check, payable to The Louisiana School for Math, Science, and the Arts.

IMPORTANT PHONE NUMBERS

Louisiana School High School Building (318) 357-3174, ext. 105
(8:00 a.m. to 4:30 p.m., Monday – Friday)

Prudhomme Dormitory Desk (318) 357-3181

NSU University Police (318) 357-543

MEDICAL

All incoming students must return completed medical forms (included in the acceptance package) before May 31st, as well as a copy of the appropriate insurance card, back and front, to be added to his or her medical folder along with a current immunization record. If the student does not have insurance coverage, the parent must purchase a Summer School Injury Policy for his/her child upon arrival (cost: \$5.00). If there are any questions, please call the school nurse, Mrs. Mary Teekell at (318)357-3174 ext. 173, or e-mail MTeekell@lsmsa.edu.

COURSE OFFERINGS

The courses listed and described in this booklet will be offered during summer school of 2010. All courses earn a half unit of credit except Latin I, which will earn a full unit.

Accelerated Chemistry I (CH 101L) This is the first semester of the lowest level of chemistry offered at LSMSA. Topics to be covered will include measurements, atomic theory, reactions, the concept of energy, and quantum chemistry. This course is designed for returning students who need to repeat the fall semester of Chemistry I as well as for new students who may wish to begin studies at LSMSA with the first half of this two semester lab science course. The second semester course (CH 102L) is offered in the fall.

American History to 1865 (AH 111) This course is designed to explore U.S. history from the period of colonization through Reconstruction. The course looks at how the different and divided colonies grew into the United States and how major events, both foreign and domestic, shaped the nation during the eighteenth and nineteenth centuries. Major themes to be explored include the development of a national identity, increasing democratization, the market revolution, and sectionalism.

Calculus I (MA 303) Topics include limit of functions, continuity, differentiation (including formal definition, derivative rules, implicit derivatives, derivatives of trig and inverse trig functions), curve sketching, max/min and related rate problems, introduction to integration and the Fundamental Theorem of Calculus. Prerequisite: Trigonometry and Precalculus (A or B recommended or consent of the department chair.)

Calculus II (MA 403) Topics include indefinite integrals, definite integrals and the Fundamental Theorem of Calculus, area under a curve, area between curves, volumes by disks, washers and shells, length of a plane curve, surface area, average value of a function, numerical techniques, L'Hopital's rule, and transcendental functions. Prerequisite: Calculus I (A or B recommended or consent of the department chair.)

Latin I (FL 130) (One unit of credit) Students will be introduced to the reading of Latin prose and Latin prose composition. Emphasis is also on the study of ancient Roman history, culture, and classical mythology. There is also some study of English derivatives to assist in vocabulary building. Students pursuing Latin I will meet more class hours and have different requirements than the other summer school courses. In addition to the June class time, the students completing Latin I will be required to complete assignments during July, with the final examination to be taken during LSMSA's student orientation in August 2010.

Trigonometry (MA 223) Topics include a thorough treatment of the trigonometric functions, including graphs, radian measure, unit circle, identities, trig. equations, solving triangles, law of sines and cosines, area, vectors, and applications. Additional topics may include polar coordinates, DeMoivre's theorem and complex numbers. Prerequisite: Algebra II or College Algebra.

QUESTIONS FOR SUMMER SCHOOL

WHAT KIND OF SUPPLIES ARE NEEDED FOR THE RESIDENCE HALL?

Students will need to supply their own wastebasket, pillows, blankets, linens, mattress cover, hangers, towels, and wash cloths. Unfitted or extra long twin bed sheets work best on the beds.

WHAT SCHOOL SUPPLIES WILL BE NEEDED?

Students should bring a notebook and pen/pencil to their first class meeting. Faculty will inform students if there are special supplies needed for classes. In the event that particular supplies are needed, students may purchase these supplies on or off campus in Natchitoches. If the student is enrolled in a math course and has a graphing calculator, please bring it. If he/she does not, LSMSA has one for him/her to use.

WHAT KIND OF STORAGE OR DRAWER SPACE IS AVAILABLE IN PRUDHOMME DORMITORY?

Prudhomme Hall has two floors with three wings of rooms. Two students will be assigned to each room, therefore plan on having a roommate of the same gender. Each room has two built-in closets with shelves above the hanging space. Each room has two desks with drawers and two bookshelves. There is a bathroom for multiple users on each wing. The females and males will be housed in separate wings and/or floors.

WHAT ELSE MAY THE STUDENT BRING?

Refrigerators (no larger than 4 cubic feet).

Stereo

Personal Computer (Wireless internet access is available. For compatibility issues and network card requirements, contact Brent Bacon (318) 357-3174 ext. 147 or bbacon@lsmsa.edu).

Desk Lamp

Alarm Clock

OTHER QUESTIONS?

Please e-mail: jfindley@lsmsa.edu

SCHEDULE OF ACTIVITIES

May 31, 2010

Check-in Prudhomme Lobby	1:00-3:00pm
Free Time	3:00-5:00pm
Dinner	5:00-6:00pm
Dorm Meeting	6:00-8:00pm
Free Time	8:00-Lights Out

Typical Daily Schedule, Monday-Friday

Breakfast	8:00-8:50am
Class	9:00am-12 noon
Lunch	12 noon-1:00pm
Class	1:00-3:30pm
Free Time	3:30-5:00pm
Dinner	5:00-6:00PM
Evening Study	6:30-8:30pm
Free Time	8:30-Lights Out

Saturdays - Class for Latin I only: 9:00 - 12 noon

Sunday - No classes

Special Schedule ~ June 25, 2010

Breakfast	8:00-8:50am
Class	9:00am-12 noon
Lunch	12 noon-1:00pm
Final Exams	1:00-3:30pm
Partial Final for Latin I	1:00-3:30pm
Check-out Completed by	5:00pm

SUMMER SCHOOL APPLICATION

Student's Full Name (Please print or type)

First name	Middle name	Last name
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Gender: ___Female___Male

_____Sophomore _____Junior _____Senior (Rising) _____Senior (in-coming)

Home Address

Street number

City	State	Zip
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Daytime Telephone # (____)_____

Evening Telephone# (____)_____

Course you wish to take. (Course offerings are subject to enrollment numbers. If you wish to attend Summer School even if your first choice does not have sufficient enrollment, you should indicate alternate preferences.)

1st Choice _____

2nd Choice _____

3rd Choice _____

PARENT/GUARDIAN INFORMATION

Full Name

First name	Middle name	Last name
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Address if different from above

Street number

City	State	Zip
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Daytime Telephone # (____)_____

Evening Telephone# (____)_____

Parent Email Address _____

PLEASE REMEMBER TO INCLUDE \$100 PARTIAL PAYMENT WITH THIS APPLICATION

Mail to:

LSMSA Summer School
Attn: Dr. Jim Findley
715 University Parkway
Natchitoches, LA 71457

OFFICE USE ONLY

Date Received _____

Course _____

Check # _____

