

# Summer Course Information

If you don't expect to receive AP credit, IB credit, or other transfer credit for Writing, Math or Physics you can take course(s) this summer at a college near your home. Doing this will lighten the credit load of your first two semesters at Syracuse University.

**IMPORTANT: The course(s) need to be approved by the related SU department using the Transfer Course Petition.**

## Writing Department

Fax: 315-443-1220

Email: [writing@syr.edu](mailto:writing@syr.edu)

## Math Department

Fax: 315-443-1475

Email: [lvkovale@syr.edu](mailto:lvkovale@syr.edu)

## Physics Department

Fax: 315-443-9103

Email: [physics@syr.edu](mailto:physics@syr.edu)

The first of a 6-credit Writing requirement can be fulfilled with a course equivalent to:

### **WRT 105 Studio 1: Practices of Academic Writing- 3 Credits**

Study and practice of writing processes, including critical reading, collaboration, revision, editing, and the use of technologies. Focuses on the aims, strategies, and conventions of academic prose, especially analysis and argumentation.

The 3-credit Structures Prep (Math) requirement can be fulfilled with a course equivalent to one of the following:

### **MAT 221 Elementary Probability and Statistics I- 3 Credits**

First of a two-course sequence. For students in fields that emphasize quantitative methods. Probability, design of experiments, sampling theory, introduction of computers for data management, evaluation of models, and estimation of parameters.

### **MAT 285 Life Sciences Calculus I- 3 Credits**

Functions and their graphs, derivatives and their applications, differentiation techniques, the exponential and logarithm functions, multivariable differential calculus including constrained optimization.

### **MAT 295 Calculus I- 4 Credits**

Analytic geometry, limits, derivatives, maxima-minima, related rates, graphs, differentials, exponential and logarithmic functions, mean-value theorem, L'Hospital's rule, integration.

### **PHY 101 Major Concepts of Physics I- 4 Credits**

Explores the fundamental laws which govern the universe with emphasis on the concept of energy as a unifying principle. No science prerequisites. Knowledge of elementary algebra required. Includes Laboratory.

**If you have any questions about transferring credits or taking courses over the summer, please contact Dana Nowakowski at (315) 443-3464 or [dmnowako@syr.edu](mailto:dmnowako@syr.edu).**