

Computational Mathematics Typical First Semester Schedule		
<u>Course</u>	<u>Course Title</u>	<u>Credits</u>
<i>Please register for the following courses.</i>		
EGR 115HYB or CS 223	Introduction to Computing for Engineers <i>(Student must place into MA 241 to take this course)</i> or Scientific Programming in C	3
PS 150	Physics I <i>(Student must place into MA 241 to take this course)</i>	3
UNIV 101	College Success	1
COM 18, COM 20, COM 122 or COM 122NNS	Communication course based on results of CompEval	3
MA 143 or MA 241 (4 credits)	Math course based on results of ALEKS PPL	3 or 4
<p><i>Please Note:</i> You will not be able to register for communication or math classes without completing the CompEval and the ALEKS PPL unless you already have credit through Advanced Placement, International Baccalaureate, dual enrollment, or transfer credit <u>and</u> that credit has already been posted to your academic record.</p> <p><i>It is suggested that you take the CompEval and ALEKS PPL placements while you wait for your AP, IB, or other credit to post. Once new credit is added to your academic record you can self-register for the higher class or you can contact your academic advisor for assistance.</i></p>		
<i>Unless enrolled in MA 241, please register for one of the following courses.</i>		
Lower Level Social Science course	EC 200 An Economic Survey or EC 210 Microeconomics or EC 211 Macroeconomics or PSY 101 Introduction to Psychology or SS 110 World History or SS 115 Introduction to International Relations or SS 120 U.S. History	3
Total Credits for semester		14-16

See notes on scheduling classes on page 2.

If you need assistance with scheduling classes, contact First Year Programs at dbfyprog@erau.edu or 386-226-7073. You may also contact Mary Chilson directly at chilsonm@erau.edu or 386-226-4964.

Notes on scheduling classes

Students can register for classes using the Class Search and Enroll screen in Campus Solutions. They can also use the Schedule Planner tool found through Campus Solutions to assist in the scheduling process. Step by step directions for using either tool can be found at:

daytonabeach.erau.edu/admissions/applied-students/register/index.html

To be on track to graduate in four years, you should consider taking 14-16 credits per semester. While a student only needs to take a minimum of 12 credits to be considered a full time student during the fall or spring, any student can take up to 16 credits at the same tuition cost as taking 12 credits.

If you placed in COM 20 Fundamentals of Communication, MA 4 Basic and Intermediate Algebra, MA 6 Intermediate Algebra, or MA 143 Precalculus Essentials, you can consider taking one of these courses for free during the Summer B term (which runs from June 30th through August 12th including orientation and final exams) as part of the Think SumMER program. A student would need to be registered for at least six credits during Summer B to be able to take one of the courses listed above for free.

If you are unable to attend classes during the Summer B term and placed into MA 4, MA 6, or MA 143 on the ALEKS PPL placement exam, you are encouraged to use the interactive learning modules on the ALEKS website prior to retaking the placement exam. If you place into a higher course on the second or third attempt at the placement exam, you will be able to register for that higher course for the fall instead.

Taking one or more summer courses and/or using ALEKS PPL to retest for math is encouraged because the courses listed above are designed to prepare students for the first required Communication and Mathematics courses in the Computational Mathematics major.

You can find information about the Bachelor of Science in Computational Mathematics at:

catalog.erau.edu/daytona-beach/arts-sciences/bachelors/computational-mathematics/

You can find information about Think SumMER at:

daytonabeach.erau.edu/thinksummer