

High School Mathematics Course Offerings

and

Sample Pathway Course Options

**Muscogee County School District
Secondary Education**





Discrete Pathway Course Offerings and Integrated Pathway Course Options

Discrete Pathway Course Code	Discrete Pathway Mathematics Course Name	Integrated Pathway Course Name	Integrated Pathway Course Code
27.0410019	GPS Algebra Support	Mathematics I Support	27.0440019
27.0621019	GPS Algebra	Mathematics I: Algebra/Geometry/Statistics	27.0810019
27.0420029	GPS Geometry Support	Mathematics II Support	27.0450019
27.0622029	GPS Geometry	Mathematics II: Geometry Algebra II/ /Statistics	27.0820029
27.0430039	GPS Advanced Algebra Support	Mathematics III Support	27.0460039
27.0623039	GPS Advanced Algebra	Mathematics III: Advanced Algebra/Statistics	27.0830039
27.0624049	Pre-Calculus	Mathematics IV: Pre-Calculus-Trigonometry/Statistics	27.0840039
27.0870049	*Mathematics of Finance (not approved by Board of Regents)	*Mathematics of Finance (not approved by Board of Regents)	27.0870049
27.0940039	Accelerated GPS Algebra/Geometry	Accelerated Mathematics I: Geometry Algebra II/ /Statistics	27.0910049
27.0950049	Accelerated GPS Geometry/Advanced Algebra	Accelerated Mathematics II: Advanced Algebra/Geometry/Statistics	27.0920049
27.0960049	Accelerated GPS Pre-Calculus	Accelerated Mathematics III: Pre-Calculus-Trigonometry/Statistics	27.0930049
27.074003939	AP Statistics	AP Statistics	27.0740039
27.072004949	AP Calculus AB	AP Calculus AB	27.0720049
27.073004949	AP Calculus BC	AP Calculus BC	27.0730049

BOR – Board of Regents, governing body of Georgia Colleges and Universities

* **Modules will be selected for alignment with specific CTAE pathways, but NOT appropriate for STEM** (science, technology, engineering, mathematics) major in college.

** Courses are usually offered by colleges and universities, but may be offered by adjunct faculty on college and high school campuses.



Fourth Mathematics Course Offerings and Pathway Options

Course Code	FOURTH Mathematics Course Name	Approved by BOR as 4 th Math	Approved as 4 th Course for Graduation	CAUTION	Suggested Prerequisite Courses	Considerations for Course Enrollment
27.0820029	Mathematics II Rule changed by GaBOE	NO	Intervention #2: only for entering freshmen of 2008-09, 2009-10 and 2010-11	V E R Y LIMITED post-secondary options	(suggested sequence: Math I Support, Math I, Math II Support, Math II)	<i>Struggling Students Graduate with Diploma Join the Work Force Enter the Military Some Technical Schools</i>
27.0830039	Mathematics III Rule changed by GaBOE	NO	Intervention #1: only for entering freshmen of 2008-09, 2009-10 or 2010-11	LIMITED post-secondary options	Mathematics Support III for core credit (suggested sequence: Math I, Math II, Math III Support, Math III)	Struggling Students <ul style="list-style-type: none"> ▪ failed Math I ▪ failed EOCT Technical College or small College Pursuit
27.0840039	Mathematics IV (Pre-Calculus)	yes	yes		Mathematics I, II, III or Accelerated Mathematics I, II	University Pursuit
27.0870049	*Mathematics of Finance	NO	yes	LIMITED post-secondary options	LEA Flexibility	Technical College or small College Pursuit
27.0740039	AP Statistics	yes	yes		Mathematics I, II, III or Accelerated Mathematics I, II	University Pursuit
27.0720049	AP Calculus AB	yes	yes		Mathematics I, II, III, IV or Accelerated Mathematics I, II, III	University Pursuit
27.0730049	AP Calculus BC	yes	yes		Accelerated Mathematics I, II, III	University Pursuit

GaBOE- Georgia Board of Education

BOR – Board of Regents, governing body of Georgia Colleges and Universities

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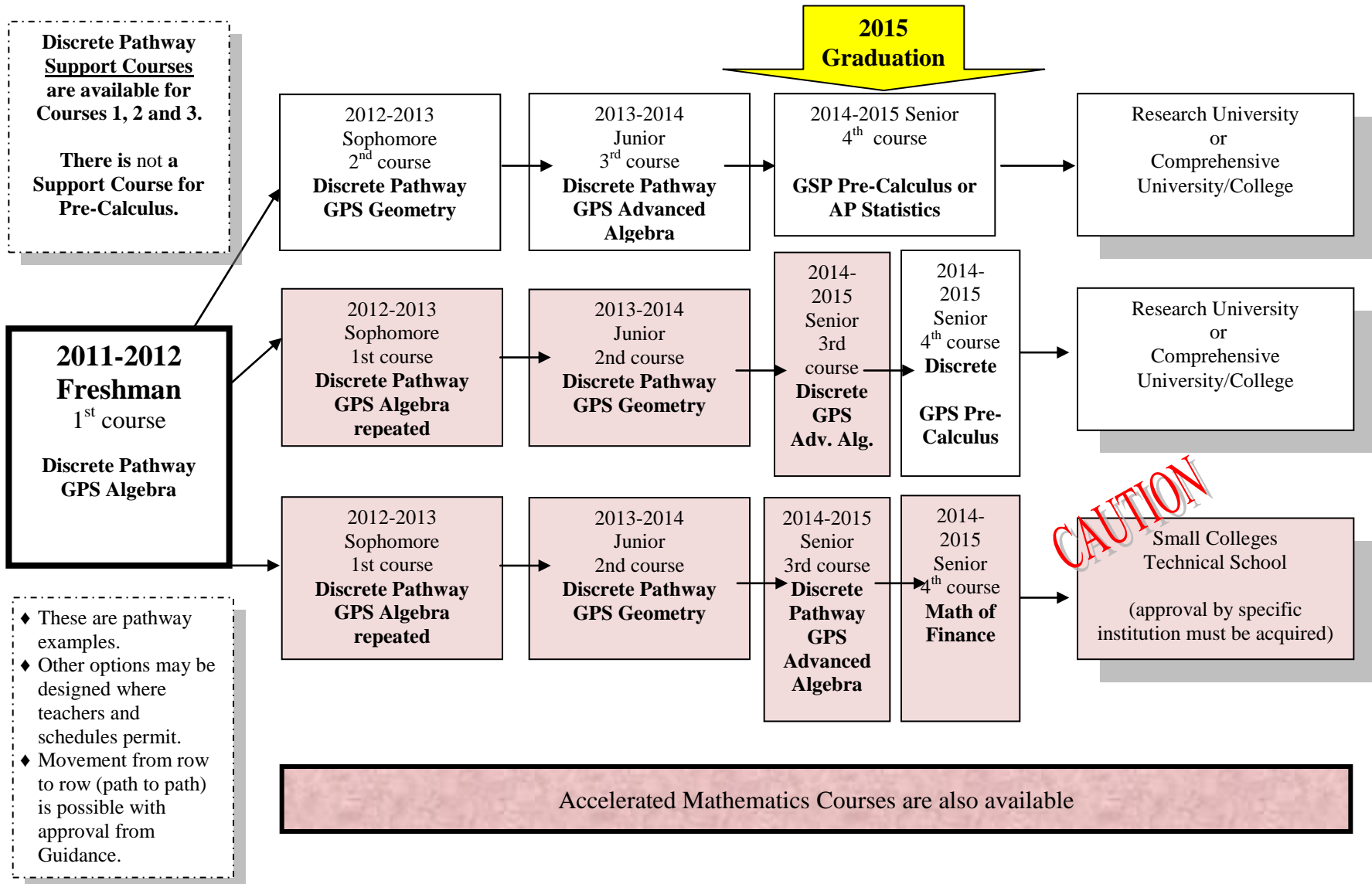
** Courses are usually offered by colleges and universities, but may be offered by adjunct faculty on college and high school campuses.

Possible Mathematics Pathway **SAMPLE** OPTIONS for 2011-2012 Entering Freshmen

(These are not the only options.)

APPROVED by SBOE and MCSD BOE

GaBOE state funded course decision on March 14, 2011



- ◆ These are pathway examples.
- ◆ Other options may be designed where teachers and schedules permit.
- ◆ Movement from row to row (path to path) is possible with approval from Guidance.

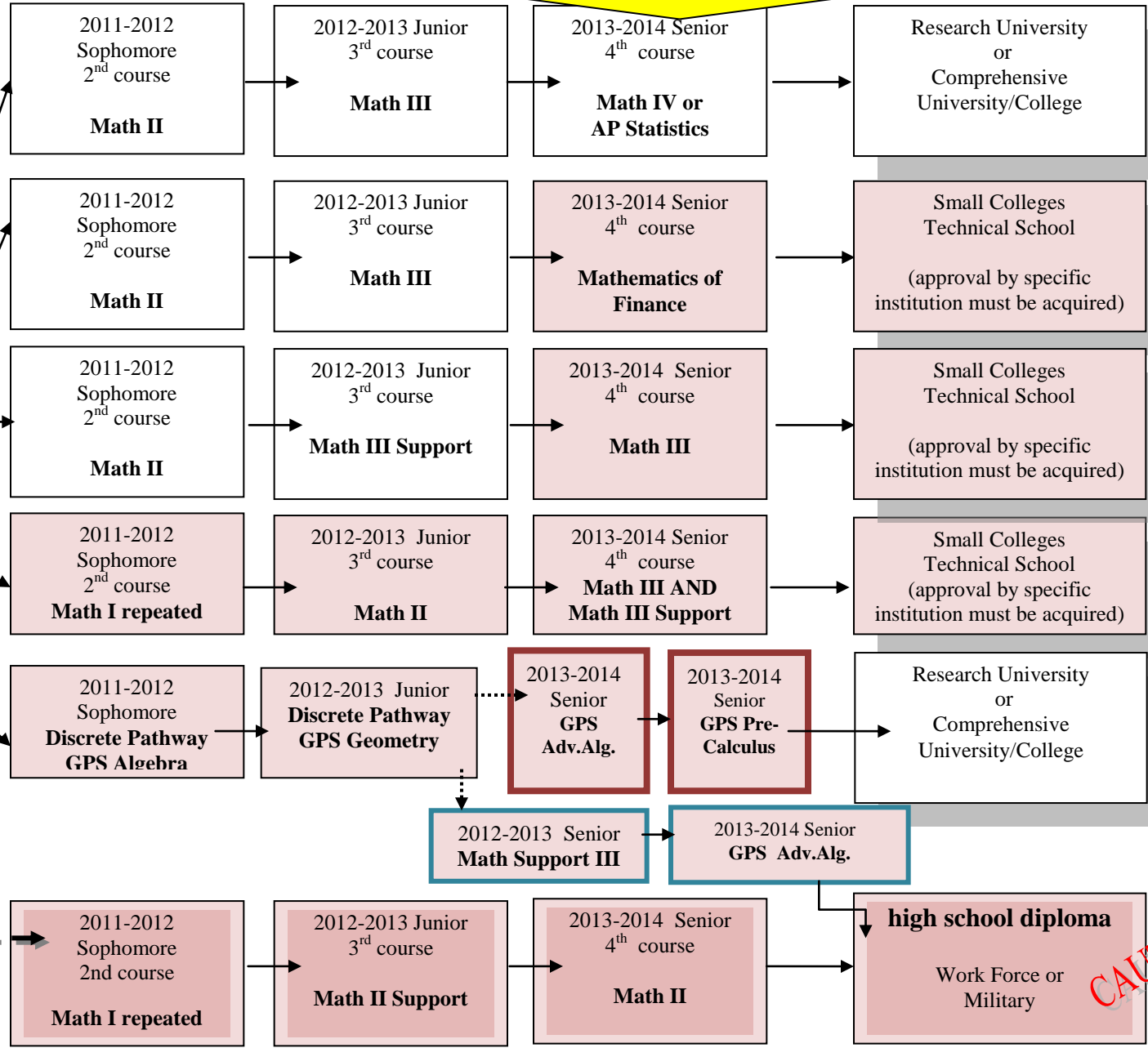
Possible Mathematics Pathway **SAMPLE OPTIONS** for 2010-2011 Entering Freshmen

**2014
Graduation**

- ◆ These are pathway examples.
- ◆ Other options may be designed where teachers and schedules permit.
- ◆ Math Support may be needed.
- ◆ Movement from row to row (path to path) is possible with approval from Guidance.

**2010-2011
Freshman
1st course
Mathematics I**

**2010-11 Freshman
Mathematics I
and
Mathematics I
Support (1st
course)
requirements
1. approval by PES
2. FOUR
mathematics
courses**



CAUTION

CAUTION

Accelerated Mathematics Courses are also available

Possible Mathematics Pathway **SAMPLE** OPTIONS for 2009-2010 Entering Freshmen

**2013
Graduation**

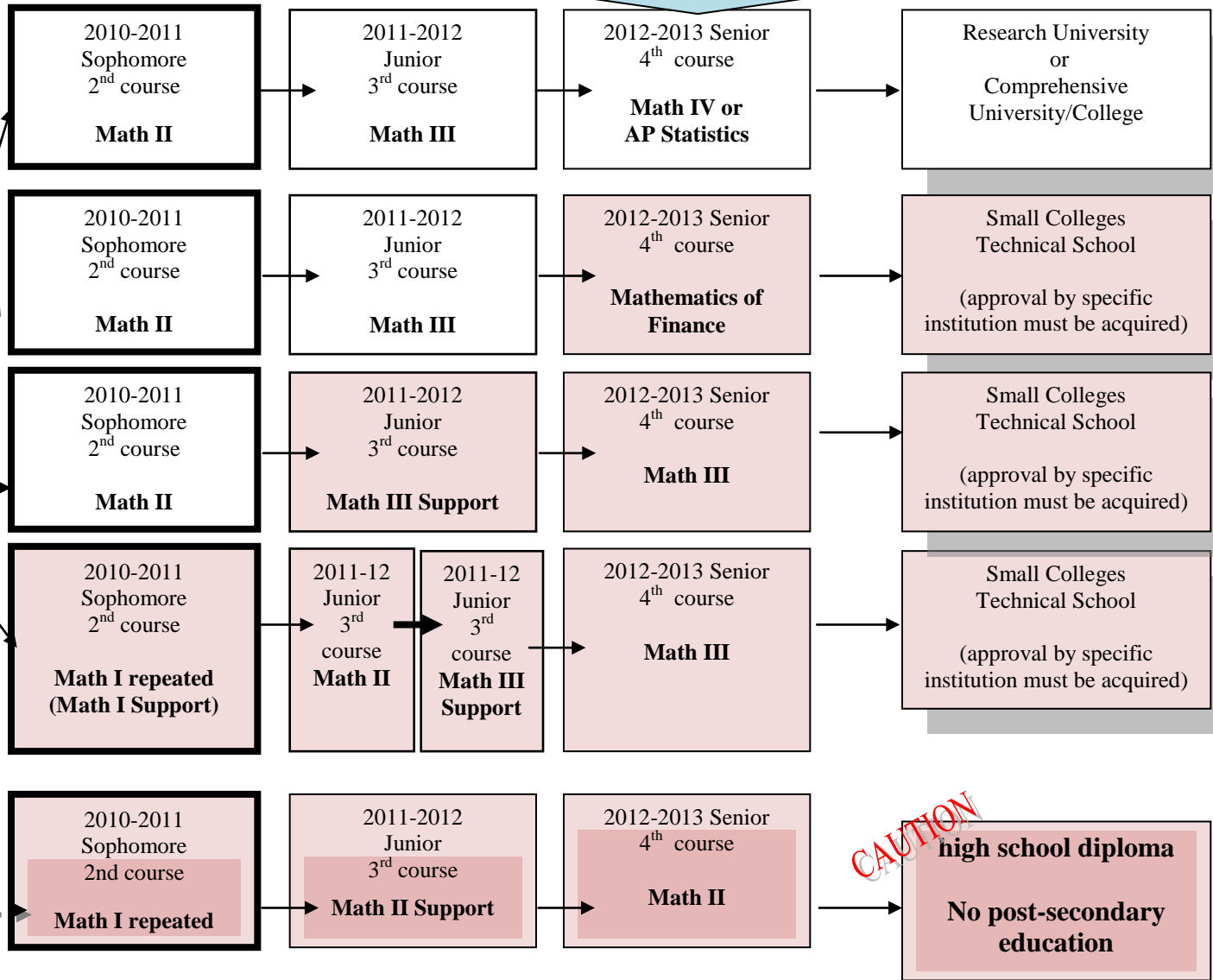
- ◆ These are pathway examples.
- ◆ Other options may be designed where teachers and schedules permit.
- ◆ Math Support may be needed.
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**2009 – 2010
Freshman
1st course**

Mathematics I

2009-10 Freshman
Mathematics I and
**Mathematics
Support (1st
course)**

requirements
1. approval by PES
2. **FOUR**
mathematics
courses



CAUTION

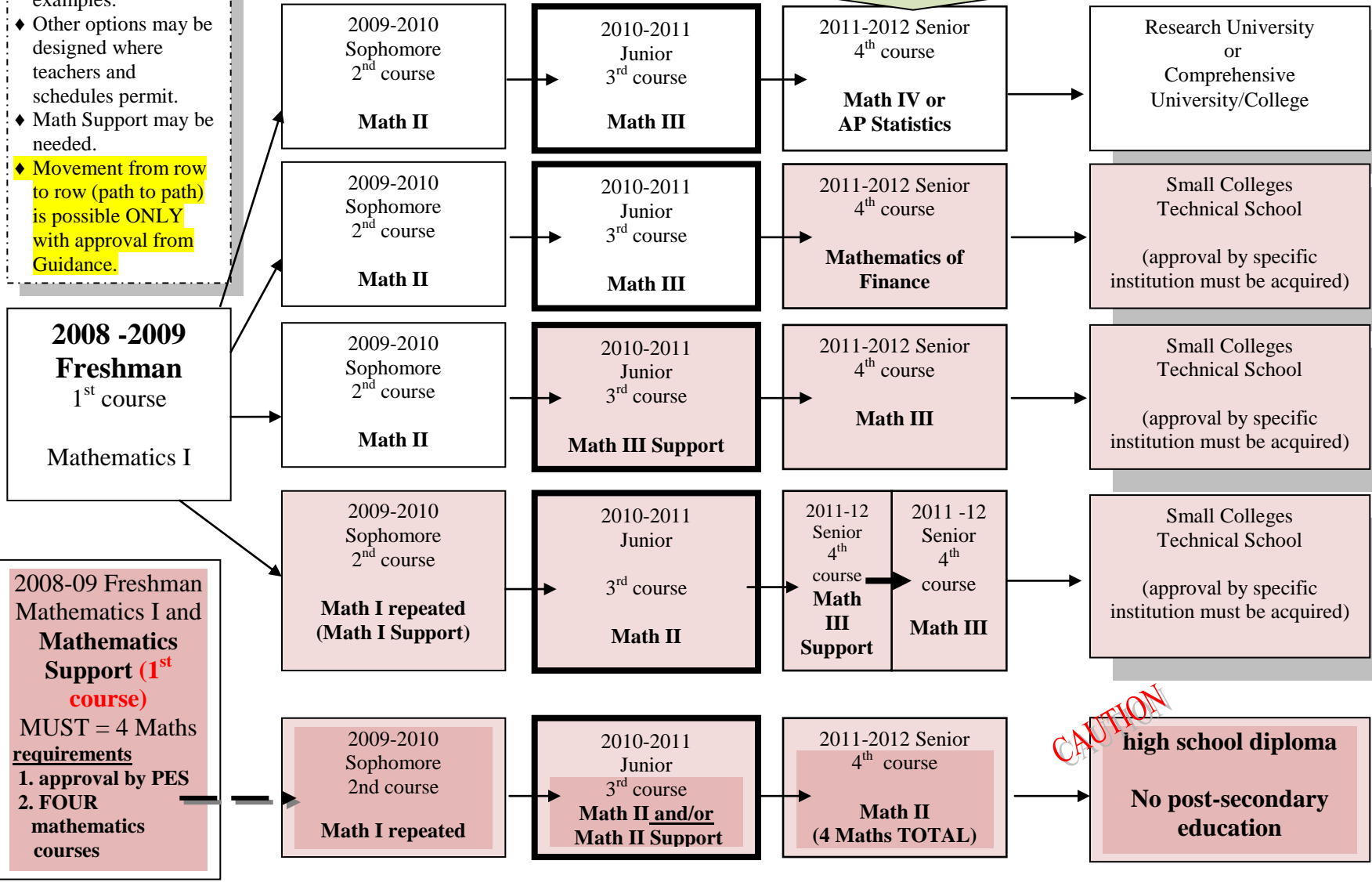
CAUTION

Accelerated Mathematics Courses are also available

Possible Mathematics Pathway **SAMPLE OPTIONS** for 2008-2009 Entering Freshmen

- ◆ These are pathway examples.
- ◆ Other options may be designed where teachers and schedules permit.
- ◆ Math Support may be needed.
- ◆ Movement from row to row (path to path) is possible ONLY with approval from Guidance.

**2012
Graduation**



CAUTION

CAUTION

Accelerated Mathematics Courses are also available

Georgia Colleges and Universities

The **Board of Regents** serves as the governing board for the University System of Georgia's 35 colleges and universities. The institutions are divided into three sectors; research universities, comprehensive universities and access colleges. Admission to **research and comprehensive** institutions is competitive and students completing minimum requirements are not guaranteed admission.

Research Institutions Access Institutions

Georgia Institute of Technology
Georgia State University
Medical College of Georgia
University of Georgia

Comprehensive Institutions

Albany State University
Armstrong Atlantic State
Augusta State University
Clayton State College
Columbus State College
Fort Valley State College
Georgia Southern University
Georgia College & State University
Georgia Southwestern State University
Gordon College
Kennesaw State College
North Georgia & State College
Savannah State University
Southern Polytechnic State University
University of West Georgia
Valdosta State University

Access Institutions

Abraham Baldwin Agricultural College
Atlanta Metropolitan College
Bainbridge College
Coastal Georgia Community College
Dalton State College
Darton College
East Georgia College
Gainesville State College
Georgia Gwinnett College
Georgia Highlands College
Georgia Perimeter College
Gordon College
Macon State College
Middle Georgia College
South Georgia College
Waycross College