**G&G BS/BA Mathematical class pre-requisites and course sequencing**

* **To sign up for the UW Math classes listed below, you need to satisfy at ONE of these** [**Math pre-requisites**](http://www.uwyo.edu/math/math-placement/prerequisite-information.html)**; the highest scoring criterion is used to assess qualification.**
* **All incoming G&G students must take the** [**Math Placement Exam**](http://www.uwyo.edu/math/math-placement/math-placement-exam.html) **(MPE) that generally determines math course sequences.**
* **A G&G BS degree requires Calculus-1 and Calculus-2.**
* **A G&G BA degree requires Trigonometry (1405) or Algebra and Trigonometry (1450).**

**If your MPE is 0-1, start with Algebra-1. (The credits do not count toward your G&G BA/BS degree).**

**Math 0921 LC: Algebra I**. Note: this is the same class as Math 0920 at Wyoming Community Colleges

Pre-requisite:

* ACT: 21 - 36
* SAT: 600 - 800
* MPE: 1 - 5
* GRE: 650 - 800
* Math 0900 LC: Pre-Algebra, minimum grade of C
* Math 0921 LC: Basics of Algebra, minimum grade of D
* D or better in any Math class numbered 0925 or higher (except 2800)

**If your MPE is 2 or ACT/SAT > 21/600, start with Algebra-2. (The credits do not count toward your G&G BA/BS degree).**

**Math 0925 LC: Algebra II.** Note: this is the same class as Math 0930 at Wyoming Community Colleges

Pre-requisite:

* ACT: 21 - 36
* SAT: 600 - 800
* MPE: 2 - 5
* GRE: 650 - 800
* Math 0921 LC: Basics of Algebra, minimum grade of C
* Math 0925 LC: Algebra Review, minimum grade of D
* Stat 2050 Fundamentals of Statistics, minimum grade of C
* Stat 2070 Introductory Statistics for the Social Sciences, minimum grade of C
* D or better in any Math class numbered 1000 or higher (except 2800)

**If your MPE is 3-5 or ACT/SAT >23/600, one BS/BA class sequence is to start with College Algebra (1400), then Trigonometry (1405). (These credits do count towards your degree)**

**Math 1400 College Algebra**

Pre-requisite:

* ACT: 23 - 36
* SAT: 600 - 800
* MPE: 3 - 5
* GRE: 650 - 800
* Math 0925 LC: Algebra Review, minimum grade of C
* Math 1400 College Algebra, minimum grade of D
* Math 1450 Algebra & Trigonometry, minimum grade of D
* D or better in Math 1405 or any Math class numbered 2200 or higher (except 2800)

**If your MPE is 4-5 or ACT/SAT > 4/6000 or 1400/1405 was passed, one BS/BA class sequence is to start with Trigonometry (1405). If you are getting a G&G BA, this can be your last math course. (These credits do count towards your degree)**

**Math 1405 Trigonometry**

**Pre-requisite**

* ACT: 25 - 36
* SAT: 600 - 800
* MPE: 4 - 5
* GRE: 650 - 800
* Math 1400 College Algebra, minimum grade of C
* Math 1405 Trigonometry, minimum grade of D
* Math 1450 Algebra & Trigonometry, minimum grade of C
* D or better in any Math class numbered 2200 or higher (except 2800)

**If your MPE is 3-5 or ACT/SAT >23/600, you can combine College Algebra (1400) and Trigonometry (1405) into Algebra and Trigonometry (1450) course. If you are getting a G&G BA, this can be your last math course. (These credits do count towards your degree)**

**Math 1450 Algebra & Trigonometry**

**Pre-requisite:**

* ACT: 23 - 36
* SAT: 600 - 800
* MPE: 3 - 5
* GRE: 650 - 800
* Math 0925 LC: Algebra Review, minimum grade of C
* Math 1400 College Algebra, minimum grade of D
* Math 1450 Algebra & Trigonometry, minimum grade of D
* D or better in Math 1405 or any Math class numbered 2200 or higher (except 2800)

**If your MPE is 5 or ACT/SAT >27/600, you can start your G&G BS math requirements with Calculus-1. (These credits do count towards your degree)**

**Math 2200 Calculus I**

Pre-requisite:

* ACT: 27 - 36
* SAT: 600 - 800
* MPE: 5
* GRE: 650 - 800
* Math 1405 Trigonometry, minimum grade of C
* Math 1450 Algebra & Trigonometry, minimum grade of C
* Math 2200 Calculus I, minimum grade of D
* D or better in any Math class numbered 2205 or higher (except 2350, 2355, or 2800)

**If you have passed Calculus-1 at UW or elsewhere, you can proceed with Calculus-2 to complete your G&G BS. (These credits do count towards your degree)**

**Math 2205 Calculus II**

Pre-requisite:

* ACT: none
* SAT: none
* MPE: none
* GRE: none
* Math 2200 Calculus I, minimum grade of C
* Math 2205 Calculus II, minimum grade of D
* D or better in Math 2210, 2310, 2850, 3310, or appropriate Math class numbered 400