








MATH COURSE PATHWAYS

Placement Level	STEM majors ³	Business majors	Non-calculus-intending majors
1			MAT105 <i>or</i> MAT117A ¹
2	MAT117A ¹ <small>Applied Statistics</small> 	MAT117A ¹ <small>Applied Statistics</small> 	MAT105 <i>or</i> MAT107 <i>or</i> MAT110 <i>or</i> MAT117A ¹
3	MAT 140A ² <small>College Algebra</small>	MAT 140A ² <small>College Algebra</small>	MAT105 <small>Math for Liberal Studies</small> <i>or</i>
4	MAT 140B <small>College Algebra</small>  	MAT 140B <small>College Algebra</small>  	MAT107 <small>Math Models Applied to Money</small> <i>or</i>
5	MAT175 <small>Precalculus</small> 	MAT181 <small>Applied Calculus</small>	MAT110 ⁴ <small>Fundamentals I</small> <i>or</i>
6	MAT211 <small>Calculus I</small>		MAT117B ⁵ <small>Applied Statistics</small>

+ other Math courses as required

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Notes:

1. MAT117A is a 4-credit version of Applied Statistics for Level 1-2 students that includes review of basic algebra skills. Students should only take one of MAT117A or MAT117B, not both.
2. MAT140A is a 4-credit version of College Algebra for Level 3 students that includes more targeted algebra review. Students should only take one of MAT140A or MAT140B, not both.
3. A "STEM major" is any major that requires MAT211 Calculus I.
4. MAT110 Fundamentals of Mathematics I is only available to Education majors.
5. Quantitatively-minded students in majors that require Applied Statistics and who place at Level 5 or higher are encouraged to consider MAT217 Statistics I instead of MAT117B.
6. Math requirements for Middle-Level Education majors vary according to their concentration. Contact the Teacher Education department for more information.
7. Challenge testing is available for students who wish to demonstrate their knowledge and increase their placement level.
8. Math Placement Level 6 is required to declare Computer, Electrical, Mechanical, or Civil Engineering.