LAS POSITAS COLLEGE **MATH COURSE PATHWAYS Starting Fall 2019**

LIBERAL ARTS PATHWAY TO TRANSFER

Optional Math 50 or NMAT 250

Intermediate Algebra for SLAM², 4 units OR

Math 55 or NMAT 255

Intermediate Algebra for BSTEM¹, 5 units

Math 40 UC/CSU 4 units Intro Probability and Statistics

Math 47 UC/CSU 3 units Math for Liberal Arts

Math 33 UC/CSU 4 units Finite Mathematics

ASSOCIATE DEGREE **PATHWAY**

Math 50 or NMAT 250*

Intermediate Algebra for SLAM², 4 units OR

Math 55 or NMAT 255*

Intermediate Algebra for BSTEM¹, 5 units

OR

LIBERAL ARTS Courses Math 40, Math 47 or Math 33

OR

Business & STEM Courses Math 30, Math 39 or Math 34

*NMAT 250/255 students can petition to get credit by examination.

SUPPORT OPTIONS

Math Jam

Award winning & tuition-free! Offered week before the Fall and Spring semesters. Innovative learning interventions help you prepare for upcoming mathematic courses. Proven to increase student success and retention rates!

Concurrent Support

NEW! Jam all semester with RECOMMENDED support during the semester. Offered for credit or tuition-free (noncredit). Aligned with your math course and designed with innovative strategies to provide math and learning support.

BUSINESS & STEM1 SEQUENCE for TRANSFER

Optional Math 55 or NMAT 255 Intermediate Algebra for BSTEM¹, 5 units

Math 34 UC/ **CSU**

Calculus for Business & Social Sciences, 5 units

Math 30 UC/CSU

College Algebra STEM, 4 units

Math 39 CSU Trigonometry, AND^3 4 units

³ Math 30 & Math 39 can be taken in any order or together. Suggested order: Math 30 is taken first.

Math 1 UC/CSU Calculus I, 5 units

Students can place in Math 1 via: 1. HSGPA \geq 3.0 AND HS Precalculus/College Algebra, or 2. HS Calculus with A,B,C, or

3. Pass Math 30 and Math 39.

Math 2 UC/CSU Calculus II, 5 units

Math 10 UC/CSU Discrete Mathematics, 4 units

Math 3 UC/CSU Multivariable Calculus.

5 units

Math 7 UC/CSU Elementary Linear Algebra,

Math 5 UC/CSU, 3.5 units Ordinary Differential Equations

Automotive and Welding Technical Pathway

Technical Pathway to Associate's Degree

7 unit sequence to complete in two semesters. Satisfies the mathematics requirement for an AS degree.

Welding Certificate Pathway

4 unit sequence to complete in 1 or 2 semesters. Satisfies the mathematics requirement for a Welding Certificate.

Offered only in Emporium Mode. Emporium classes are designed to provide maximum flexibility and support with contextualized material. Self-accelerate through the material at a pace that is right for you. To learn more, visit www.laspositascollege.edu/mathemporium

<u>BSTEM</u> = <u>Business</u>, <u>Science</u>, <u>Technology</u>, <u>Engineering</u> and Mathematics

 ${}^{2}SLAM = Statistics$ and <u>Liberal Arts Mathematics</u>

Foundational Math Courses

Associate Degree Level Math Courses

SLAM Transfer Level Math Courses

BSTEM Transfer Level Math Courses

CSU = Transferable to CSU

UC = Transferable to UC

Transfer limitations to UC are as follows: 1, 2, and 33, 34 combined: maximum credit, one series

FOUNDATIONAL MATH

Solidify your math understanding prior to Intermediate Algebra or transfer-level. We offer credit and tuition-free (noncredit) foundational and associate degree level math courses to meet your learning needs.

Math 110 or NMAT 210 Elementary Algebra, 4 units

Math 107 or NMAT 207 Prealgebra, 4 units

For more information about pathway and support options that are right for you, visit:

www.LasPositasCollege.edu/Math

Mathematics Support Designed for YOU

Achieve your goals efficiently and successfully with NEW pathways and support options at LPC!

Beginning Fall 2019, students are encouraged to enroll directly into a transfer-level course. Students should consider their academic goal, past achievements and experiences, and take advantage of the many resources available to support them at LPC.

At Las Positas, we are dedicated to providing you with the best academic opportunities so you can achieve your learning goals. Learning Math takes time and dedication. In college, you are expected to spend 10 to 15 hours each week studying, doing homework, and reviewing outside of class in order to be successful!

We want to make sure your precious time is streamlined and productive.

Starting Fall 2019, Las Positas College will be offering support courses that can be taken tuition-free or for credit, depending on your personal needs.

Enroll in your Math class with confidence!

MATH JAM PREPARATION

Award winning, 1-week before the semester starts, & tuition-free!

Offered week before the Fall and Spring semesters. Innovative learning interventions help you prepare for upcoming mathematic courses. Proven to increase student success and retention rates!

NMAT 261

Math Jam for Prealgebra

NMAT 262

Math Jam for Elementary Algebra

NMAT 263

Math Jam for Intermediate Algebra

NMAT 264

Math Jam for SLAM (Statistics, Liberal Arts Math)

NMAT 265

Math Jam for BSTEM (Business Calculus, College Algebra, and Trigonometry)

> MATH 66* 1 unit Math Jam for Calculus (Calculus I, II & III) * Offered for credit only

CONCURRENT SUPPORT

NEW! Jam all semester long with RECOMMENDED support during the semester. Offered for credit or tuition-free

(noncredit). Aligned with your math course and designed with innovative strategies to provide math and learning support while taking your math class.

NMAT 200C or MATH 100C

Concurrent Support for SLAM (Statistics, Liberal Arts Math)

NMAT 201C or MATH 101C

Concurrent Support for BSTEM (Business Calculus, College Algebra, and Trigonometry)

MATH 66C* 1 unit Concurrent Support for Calculus I, II and III * Offered for credit only

NMAT 255C or MATH 55C

Concurrent Support for Intermediate Algebra

NMAT 210C or MATH 110C

Concurrent Support for Elementary Algebra

FOUNDATIONAL and ASSOCIATE'S DEGREE LEVEL

Solidify your math understanding *prior* to Intermediate Algebra or transfer level. We offer credit and tuition-free (noncredit) foundational and associate degree level math courses to meet your learning needs.

Math 55 (5 units) or

NMAT 250 Intermediate Algebra for BSTEM (Business and

STEM Fields)

Math 50 (4 units) or NMAT 250

Intermediate
Algebra for
SLAM
(Statistics, Liberal Arts Math)

Math 110 (4 units)
or
NMAT 210
Elementary Algebra

Math 107 (4 units) or NMAT 207 Prealgebra

*NMAT courses are tuition-free, repeatable, noncredit mathematics courses.

NMAT 250/255 students can petition to get credit by examination.