Math Education - DTA/MRP

2021-22

Program map for Associate in Math Education Direct Transfer Agreement/ Major Ready Pathway (DTA/MRP)

Mathematics is the language of science and a powerful mechanism for describing the world around us. A mathematics degree at Lower Columbia College prepares students for bachelor's programs in areas such as mathematics, statistics, or math education.

See also:

- Degree Requirements for Teacher Education and Early Learning programs
- Course descriptions in LCC Catalog
- Distribution lists in LCC Catalog

Please note that many course sequences only begin in fall quarter. Please check with your program advisor for more information.

Please review both the "By Quarter Overview" and "Detailed Class Sequence" tabs below.

By Quarter Overview
First Quarter

- COLL 101: College Success 101 (2 credits)
- ENGL& 101: English Composition I (5 credits)
- MATH& 151: Calculus I (5 credits)
- Choose one elective (5 credits)

Second Quarter

- MATH& 152: Calculus II (5 credits)
- ENGL& 102: English Composition II (5 credits)
- PSYC& 100: General Psychology (5 credits)

Third Quarter

- MATH& 153: Calculus III (5 credits)
- CMST& 220: Public Speaking (5 credits)
- ECON& 201: Micro Economics or ECON& 202: Macro Economics (5 credits)

Fourth Quarter

- MATH& 254: Calculus IV (5 credits)
- EDUC& 205: Introduction to Education w/Field Experience (5 credits)
- PHYS& 221: Engr Physics I w/Lab (5 credits)

Apply for financial aid at transfer institution

Fifth Quarter

- MATH 215: Discrete Structures (5 credits)
- PHYS& 222: Engr Physics II w/Lab (5 credits)
- ENGL 270: Literature for Children (5 credits)

Apply for Graduation

Sixth Quarter

- MATH 220: Linear Algebra (5 credits)
- HIST& 128: World Civilizations III (5 credits)
- SPAN& 121: Spanish I (5 credits)
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Detailed Class Sequence
1. College Success 101

COLL 101 (2 credits)

2. English Composition I

ENGL& 101 (5 credits)

3. Calculus I

MATH& 151 (5 credits)

4. Elective

Choose one five credit elective.

5. Calculus II

MATH& 152 (5 credits)

6. English Composition II

ENGL& 102 (5 credits)

7. General Psychology

PSYC& 100 (5 credits)

8. Calculus III

MATH& 153 (5 credits)

9. Public Speaking

CMST& 220 (5 credits)

10. Economics

ECON& 201: Micro Economics or ECON& 202: Macro Economics (5 credits)

11. Calculus IV

MATH& 254 (5 credits)

12. Introduction to Education w/Field Experience

EDUC& 205 (5 credits)

13. Engr Physics I w/Lab

PHYS& 221 (5 credits)

14. Discrete Structures

MATH 215 (5 credits)

15. Engr Physics II w/Lab

PHYS& 222 (5 credits)

16. Literature for Children

ENGL 270: 5 credits

17. Linear Algebra

MATH 220 (5 credits)

18. World Civilizations III

HIST& 128 (5 credits)

19. Spanish I

SPAN& 121 (5 credits)

Program Maps for Science, Technology, Engineering and Math (STEM)

- Bioengineering and Chemical Pre-Engineering - AS-T (Bioengineering Option)
- Bioengineering and Chemical Pre-Engineering - AS-T (Chemical Engineering Option)
- Biological Sciences - AS-T
- Biology - DTA/MRP
- Chemistry - AS-T
- Computer and Electrical Pre-Engineering - AS-T (2 Year Option)
- Computer and Electrical Pre-Engineering - AS-T (3 Year Option)
- Computer Science - AST
- Computer Science - AST (WSUV)
- Earth Sciences - AA-DTA
- Earth Sciences - AS-T
- Environmental Science - AS-T
- Mechanical, Civil, Aeronautical, Industrial, Materials Science Engineering (2 Year Option)
- Mechanical, Civil, Aeronautical, Industrial, Materials Science Engineering (3 Year Option)
- Mechanical Engineering Technology AS-T
- Physics - AS-T
- Physics - AS-T (Math Transfer Option)