



# MCI 2021-22 Course Offerings

## 11th Grade

### HUMANITIES ENGLISH & HISTORY

English & History (EN/H)  
English & History CP (EN/H)  
AP English Lang & Comp & AP  
U.S. History (EN/H)

### HUMANITIES ELECTIVES

Creative Writing (E)  
Film Studies (FA/E)  
Media Analysis (E)  
Journalism (E)  
Personal Finance (E)  
Model UN (E)  
Sports & Society (E)

### ESOL

By Placement Only

### MATHEMATICS

Math 2 (M)  
Math 2 Honors (M)  
Geometry (M)  
Geometry CP (M)  
Algebra II A (M)  
Algebra II CP (M)  
Intro to Data Science (M)  
Pre-Calculus CP (M)

### SCIENCE

Biology (S)  
Biology CP (S)  
AP Biology (S/E)  
Chemistry (S)  
Chemistry CP (S)  
AP Chemistry (S/E)

Physics CP (S/E)  
AP Physics I (S/E)  
AP Physics II (S/E)  
Anatomy & Physiology CP (S/E)  
Adv. A&P (S/E)  
Environmental Science (S/E)  
AP Environmental Science (S/E)  
Sustainable Living (S/E)  
Botany (S/E)  
Watershed Investigations (S/E)  
Wildlife Forensics (S/E)  
Forensic Science—S1 (S/E)  
Diseases and Disorders—S2 (S/E)

### TECHNOLOGY & ENGINEERING

Intro to Design (S/E)  
Intro to Engineering (S/E)  
Physics in Sports (S/E)  
Advanced Design (S/E)  
Robotics (S/E)  
AP Computer Science A (S/M/CS)  
AP CompSci Principles (S/M/CS)  
Intro to Python (S/M/CS)  
Intro to Web Design (CS/E)  
Intro to CompSci App (CS/E)  
Intro to Graphic Design (CS/E)  
CompSci Discoveries (CS/E)

### HUMAN DEVELOPMENT

Health I (HE)  
Health II (E)  
PE 1 (PE)  
PE 2 (PE)  
PE 3 (E)  
Intro to Medical Concepts (E)  
Intro to Sports Medicine (E)

### VISUAL & PERFORMING ARTS

Studio Foundations I (FA/E)  
Studio Foundations II (FA/E)  
Ceramics (FA/E)  
Painting (FA/E)  
Tech Theatre I (FA/E)  
Tech Theatre II (FA/E)  
Stage/TV Makeup I (FA/E)  
Stage/TV Makeup II (FA/E)  
Social Theatre (FA/E)  
Actor's Studio I (FA/E)  
Intro to Costume Design (FA/E)  
Play Production (FA/E)  
Getting Down with Shakespeare (FA/E)  
Festival Theatre Ensemble<sup>1</sup>  
Concert Band (FA/E)  
Concert Choir (FA/E)  
Instrumental Jazz Ensemble<sup>1</sup>  
Vocal Jazz Ensemble<sup>1</sup>  
Guitar (FA/E)  
Piano (FA/E)  
Music Theory and Comp (FA/E)  
Digital Music Production I (FA/E)  
Intro to Video Production (FA/E)  
Bossov Ballet<sup>2</sup>

### WORLD LANGUAGES

French I CP (WL)  
French II CP (WL)  
French III & IV CP (WL)  
Spanish I CP (WL)  
Spanish II CP (WL)  
Spanish III CP (WL)

### OTHER ELECTIVES

Teaching Assistant (E)  
JROTC Naval Science 1 (E)  
JROTC Naval Science 2 (E)  
JROTC Naval Science 3 (E)  
JMG 11 (E)

### CONCURRENT ENROLLMENT

College Composition (E)  
Intro to Literature (E)  
Princ. of Economics I (SS)  
Princ. of Economics II (SS)  
Multicult. Nature of Society (SS)  
Psychology (SS/E)  
Sociology (SS/E)  
Video Production II (FA/E)  
Quantitative Reasoning (M)  
Technical Math (M)  
A & P (MCI, S/E)  
College Algebra (MCI, M)  
Aviation Pilots Program (UMA)

### SCTC COURSES

See course catalog<sup>3</sup>

### CREDITS EARNED LEGEND

EN= English      M= Math  
S= Science      HE= Health  
FA= Fine Arts      E= Elective  
SS= Social Studies      H=History  
CS= Computer Science  
PE= Physical Education  
WL= World Language

### NOTES:

All students must enroll for a minimum of six (6) academic credit courses each semester.  
All students must enroll in English, History/Social Studies, Math, and a Science course each semester.

### Concurrent enrollment options:

- Juniors **and** Seniors are eligible for Concurrent Enrollment courses.
- Students may request to take additional 100-level college courses for Early College credit upon approval and acceptance by the college/university.
- Maine students may be eligible for Maine Aspirations funding for college courses; out-of-state or international students may be eligible to take up to 12 college credit hours per year through Husson University's Early College program. Online courses only.

### GRADUATION CREDIT REQUIREMENTS:

4 English	1 PE	2 World Language (recommended)
4 History	.5 Health	1.5-3.5 Additional credits
4 Math	2 Fine Arts	Manson Essay: 11 <sup>th</sup> grade
4 Science	1 Computer Science	Senior Project: 12 <sup>th</sup> grade

### RECOMMENDED COURSES FOR RISING JUNIORS:

English	Fine Art (Drama, Music, Art)
History	Computer Science
Math	World Language
Science	

### ACADEMIC COUNSELORS

Mrs. Kirsten Pomeroy, [kpomeroy@mci-school.org](mailto:kpomeroy@mci-school.org)  
Mr. Scott Giallombardo, [sgiallombardo@mci-school.org](mailto:sgiallombardo@mci-school.org)

### DEAN OF ACADEMICS

Mrs. Eveline M. Bailey, [ebailey@mci-school.org](mailto:ebailey@mci-school.org)  
REGISTRAR  
Mrs. Donna Cray, [dcray@mci-school.org](mailto:dcray@mci-school.org)

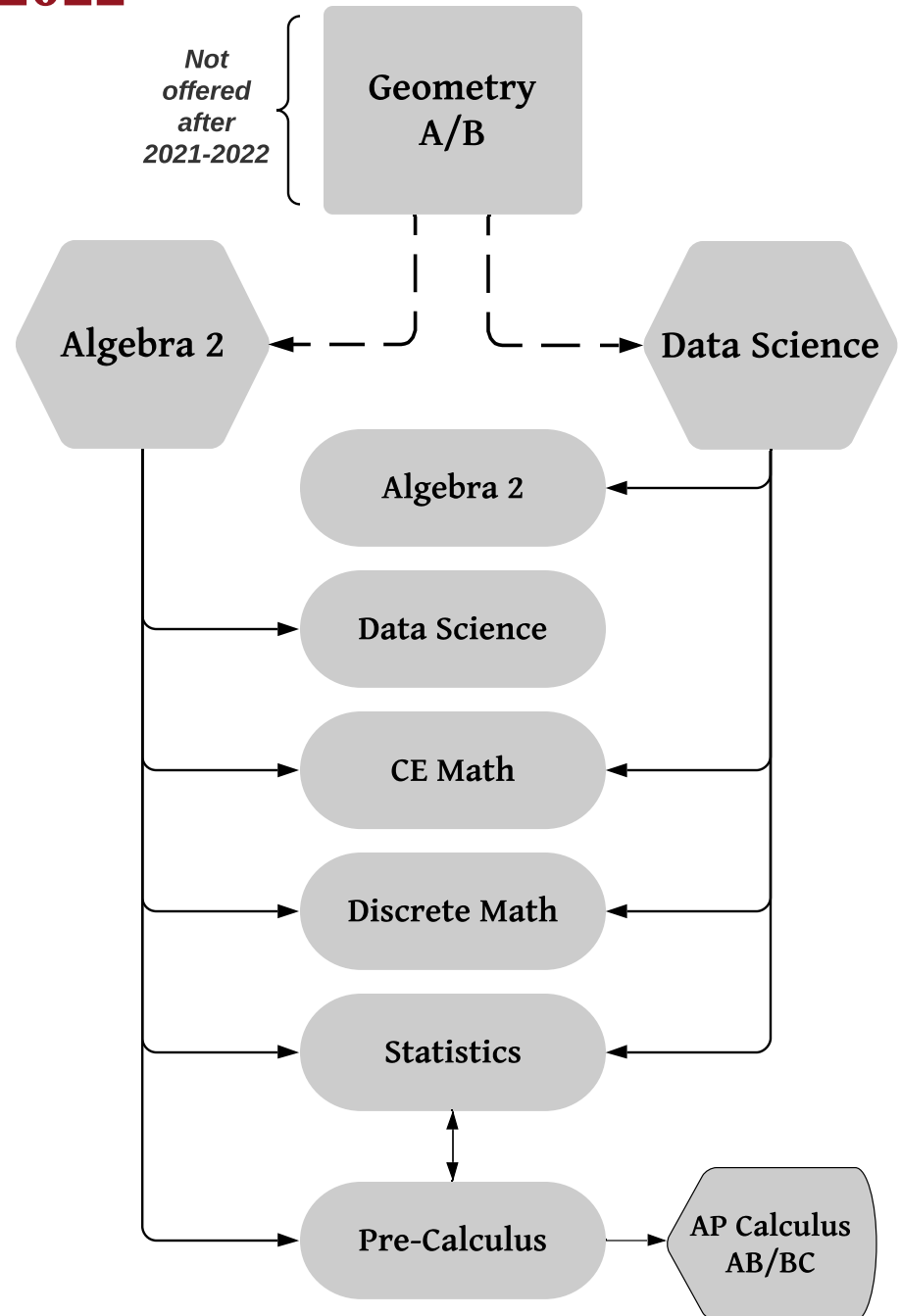
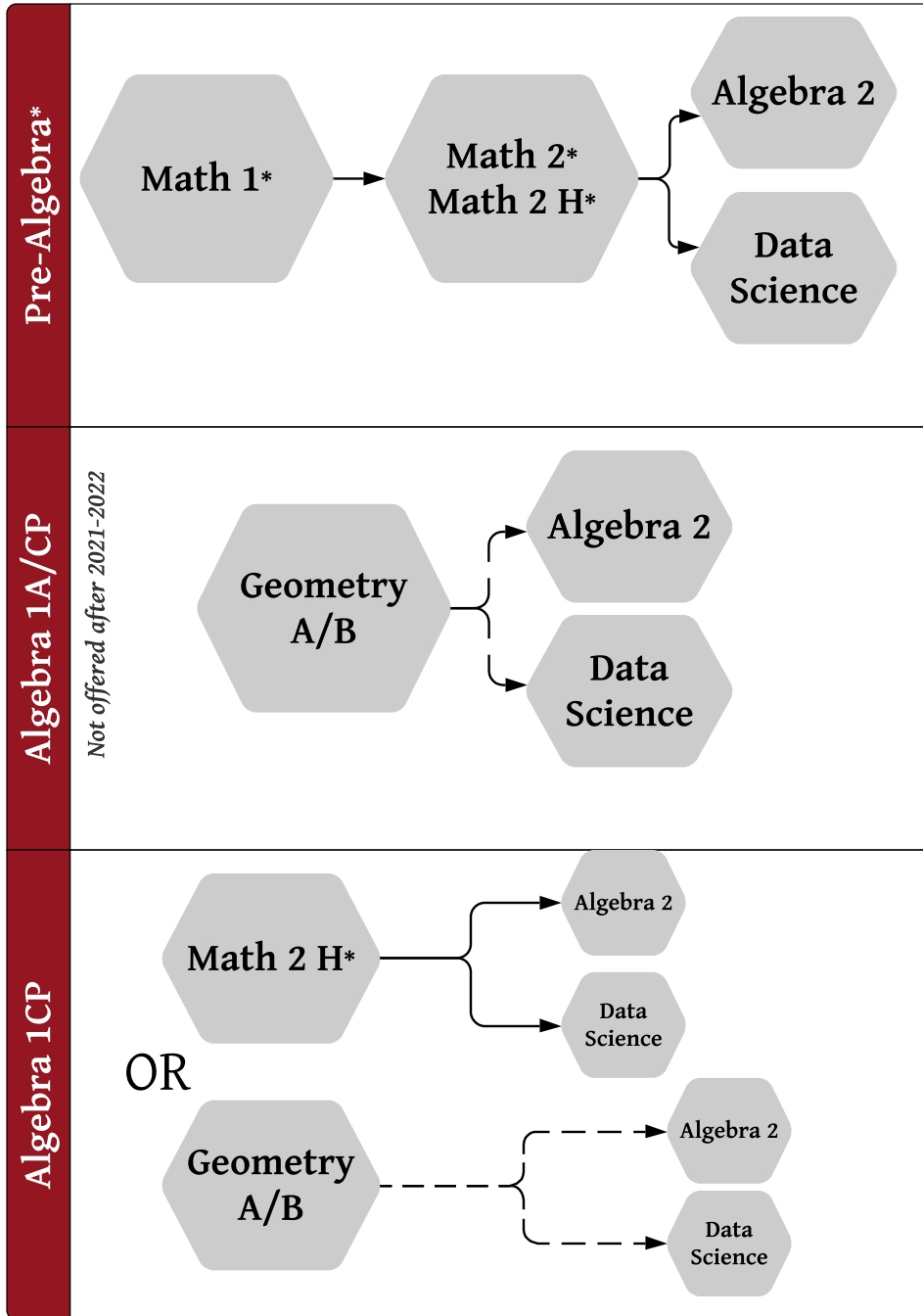
<sup>1</sup> Requires audition

<sup>2</sup> Requires audition and acceptance to BBT program

<sup>3</sup> Requires an application and acceptance to the program

# MCI Mathematics Pathways

## 2021-2022



\* courses are double-blocked in the student's schedule