


Computer Science Transfer - Data Science

Associate in Science

Semester 1		Credits
COSC 123	Introduction to Data Science 	3 <input type="checkbox"/>
COSC 129	Data Science Programming I	4 <input type="checkbox"/>
ENGL 101	English Composition I	3 <input type="checkbox"/>
MATH 158	Introduction to Statistics	3 <input type="checkbox"/>
MATH 217	Precalculus or COSC Elective	3 <input type="checkbox"/>

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Semester 2		Credits
COSC 140	Data Science Programming II	4 <input type="checkbox"/>
ENGL 102	English Composition II	3 <input type="checkbox"/>
MATH 218	Discrete Math	3 <input type="checkbox"/>
MATH 221	Calculus I	4 <input type="checkbox"/>

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Semester 3		Credits
COSC 240	Data Visualization	3 <input type="checkbox"/>
MATH 222	Calculus II	4 <input type="checkbox"/>
LS	Lab Science I	4 <input type="checkbox"/>
PSYC 101	General Psychology	3 <input type="checkbox"/>
HIST ---	History Elective	3 <input type="checkbox"/>

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Semester 4		Credits
COSC 110	Databases	3 <input type="checkbox"/>
MATH 229	Linear Algebra	3 <input type="checkbox"/>
LS	Lab Science II	4 <input type="checkbox"/>
HIST ---	History Elective	3 <input type="checkbox"/>
COSC/MATH	Elective	3 <input type="checkbox"/>

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CONGRATULATIONS
You've Arrived!

This academic map is a suggested semester-by-semester guide to keep you on a clear path to program completion. Your academic advisor will provide you with clear direction needed to stay on course and discuss scheduling options with you. Taking courses not reflected on this map may result in courses not counting toward the completion of your requirements.

Milestones

You should complete COSC 123 Intro to Data Science, COSC 129 Data Science Programming I, and COSC 140 Data Science Programming II by the end of your second semester.

KEY

Keep an eye out for these symbols, which give important information about certain courses.



These courses have no prerequisites or developmental courses required.



These courses are only offered in certain semesters.



Students must earn a minimum grade in these courses to remain in the program.



Eligible electives for this program are listed on the reverse. Watch for this symbol.

HELPFUL HINTS



Summer and/or Winter Session classes may be available for your program to help you finish on time. See your advisor or visit the online course search for availability.



Taking 15 credits/semester or 30 credits/year will help you stay on track to finish your degree in two years.

Program Notes

This program is designed to prepare you for transfer to a four-year institution to pursue a bachelor's degree in data science or a related field. Students wishing to use the MassTransfer STEM block should select humanities electives and not general electives.

It is strongly recommended that you consider joining the STEM Scholars program, which is a cohort program that provides support, coaching and opportunities to explore career choices and develop skills for successfully transferring to a four-year institution. Contact extension 1508 or stemstarter@massasoit.edu.



History Electives: HIST 101 History of Western Civilization I, HIST 102 History of Western Civilization II, HIST 103 US History I, HIST 104 US History II, HIST 108 World History I, HIST 109 World History II, or HIST 131 The United States since 1945

Literature Electives: ENGL 201 English Literature I or higher, excluding ENGL 251

Other Electives: Students choosing a humanities or social science elective can select from the Course Elective Guide at massasoit.edu/electives.

This program is intended for students who wish to continue their education to pursue a bachelor's degree at a four-year college or university. Students enrolled in this program may consider transfer options through MassTransfer with Massachusetts state colleges and universities or other transfer opportunities at private institutions.

*Transfer Note: The **transfer maps** are only recommended for getting into some programs at particular colleges with specific grades. If you are interested in transferring, we recommend you sign up for a Transfer Information Session on our Transfer Services website: massasoit.edu/transfer.

Some courses may have prerequisites, which are courses that **must** be taken prior to a particular course. For details, log into Degree Works through your MyMassasoit portal.

A minimum of 63 credits and 19 courses is required for completion. The same course may not be used to satisfy two different course requirements.

After Graduation/Completion

Upon successful completion of this degree you will be prepared to transfer to a four-year institution to pursue a bachelor's degree in data science or a related field.

Resources for Academic Success

All college phone numbers are
508-588-9100 + extension.

Student Central

Admissions, financial aid, registration & payments

massasoit.edu/studentcentral
studentcentral@massasoit.mass.edu

Brockton | Student Center, Upper Level
Canton | First Floor, C121

Admissions: x1411 Financial Aid: x1479
Registrar: x1949 Student Accounts: x1507

Testing & Assessment

massasoit.edu/testing

Brockton | Student Center, Lower Level | x1991

Advising, Career & Transfer Center

massasoit.edu/act-center
act@massasoit.edu

Brockton | Student Center, Lower Level | x1461
Canton | First Floor, C126 | x2516

Academic Resource Center

Tutoring & academic support services

massasoit.edu/arc

Brockton | Student Center, Lower Level | x1801
Canton | First Floor, C126 | x2516

Access & Disability Resources

massasoit.edu/adr | x1807

Division Dean

Katie Ruggieri, Ph.D. | sciencemath@massasoit.edu | x1508

Brockton

1 Massasoit Boulevard
Brockton, MA 02302

Canton

900 Randolph Street
Canton, MA 02021

Middleborough

49 Union Street
Middleborough, MA 02346

508-588-9100
massasoit.edu