



## College Now Course Maps

Many colleges use Degree Maps to breakdown the requirements of a specific degree program and suggest the courses a student should take each semester to make it easier to graduate on time. Similarly, these College Now Course Maps can make it easier for students to understand how the courses they take meet different requirements once they are in college.

Some courses meet a **Pathways Common Core** requirement. Pathways are a set of general education courses that students must take regardless of the specific major they pursue. Students that do not yet know which major or degree they want to pursue should consider courses that meet Pathways requirements since these courses can usually be applied to any major. Pathways Common Core is made up of two categories:

- **Required Common Core** – All degrees require 1-2 courses in English composition, one course in mathematics, and one course in science.
  - English Composition
  - Mathematical and Quantitative Reasoning
  - Life and Physical Sciences
- **Flexible Common Core** – Bachelor's degrees and AA and AS degrees require six flexible common core courses: at least one course in each of the five Flexible Core areas and an additional sixth course in one of them. Students can complete no more than two courses from any one area (the second course is typically dictated by the major). AAS degrees may require fewer overall flexible core credits.
  - World Cultures and Global Issues
  - U.S. Experience in Its Diversity
  - Creative Expression
  - Individual and Society
  - Scientific World
- Notably, once a student has met a Common Core area requirement at one CUNY college, that requirement will be met at any other CUNY college.

Some courses meet a **Gateway** requirement. While full major requirements vary from one CUNY college to another, some courses have been designated as gateway courses for several of CUNY's most popular majors. Students who anticipate pursuing one of these majors can take the designated courses and will be able to transfer them for major credit seamlessly between CUNY colleges that offer the major.

Courses that do not meet Pathways Common Core requirements can be used to meet the **Degree Requirements** for specific degrees at City Tech, some of which have been included here. If a student takes a non-Pathways course and pursues a degree that does not include that course as a requirement the credits will transfer as elective credits, which cannot always be used towards a degree.

Students can explore the variety of degrees offered at City Tech and their complete list of requirements on the college's website: <https://citytech.cuny.edu/academics/>

## How City Tech's College Now Courses Align with Pathways Common Core, Gateway and Degree Requirements

College Now Credit Courses			Pathways Common Core		Gateway	Degree Requirement
Code	Name	Credits	Required*	Flexible**	Major***	Degree Type & Name
ARCH 1101	Intro to Architecture	2				BArch Architecture, AAS Architectural Technology, BTech Architectural Technology
ASL 1101	American Sign Language	3				
BIO 1101	Biology I	4	Life & Physical Sciences	Scientific World	Biology	
COM 1330	Public Speaking	3		Individual & Society		
CST 1100	Intro to Computer Systems	3			Business	AAS Computer Information Systems, BS Data Science, BS Professional & Technical Writing (Computer Science Specialization), BTech Computer Systems
CST 1101	Problem Solving with Computer Programming	3				AAS Computer Information Systems, BS Data Science, BS Professional & Technical Writing (Computer Science Specialization), BTech Computer Systems
ECON 1401	Microeconomics	3		Individual & Society	Business, Economics	
ENG 1101	English Composition	3	English Composition		English, Nursing	
ENGR 1000	Intro to Engineering & Computer Technologies	3				
ENT 1100	Intro to Entertainment Technology	3				BTech Emerging Media Technology, BTech Entertainment Technology
GOV 1101	American Government	3		US Experience in Its Diversity	Political Science	
HMG1 1101	Perspectives In Hospitality Management	3				AAS Hospitality Management, BTech Hospitality Management
HMG1 1102	Intro to Food & Beverage Management	3				AAS Hospitality Management, BTech Hospitality Management
LAW 1101	Intro To Paralegal Studies	3				AAS Legal Assistant Studies, BS Legal Assistant Studies
MAT 1275	College Algebra & Trigonometry	4	Mathematics & Quantitative Reasoning		Nursing	
MAT 1375	Pre-Calculus	4	Mathematics & Quantitative Reasoning	Scientific World	Biology	
MKT 1100	Essentials Of Marketing	3				AAS Marketing Management & Sales, AAS Fashion Marketing, BS Business & Technology of Fashion (prerequisite for required marketing course), BS Professional & Technical Writing (Marketing Specialization), BTech Entertainment Technology
PHYS 1117	Astronomy I	4	Life & Physical Sciences			
PSY 1101	Intro To Psychology	3		Individual & Society	Nursing, Psychology	
SOC 1101	Elements Of Sociology	3		Individual & Society	Sociology	

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\*\* Flexible Core - Bachelor's degrees and AA and AS degrees require six flexible common core courses: at least one course in each of the five Flexible Core areas and an additional sixth course in one of them. Students can complete no more than two courses from any one area. AAS degrees may require fewer overall flexible core credits.

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