

Degree:	Bachelor of Arts	Credits required for degree:	120
Major:	Programming	Credits required in major:	50
Concentration:	Application Programming	Estimated semesters to complete this degree plan:	8

1st Semester Courses (Typically the Fall Semester)	Credit Hours	2nd Semester Courses (Typically the Spring Semester)	Credit Hours
Total Semester Credit Hours	15	Total Semester Credit Hours	15
PROG 101 Introduction to Programming	3	PROG 103 Computer Architecture	3
INMD 102 Fundamentals of Interaction	3	PROG 201 Object Oriented Programming I	3
Columbia Core Requirement (Math)	3	ENGL 112 Writing and Rhetoric II (Core)	3
ENGL 111 Writing and Rhetoric I (Core)	3	Columbia Core Requirement	3
CCCX 1** First Semester Experience (Core)	3	College-Wide Elective	3
3rd Semester Courses (Typically the Fall Semester)	Credit Hours	4th Semester Courses (Typically the Spring Semester)	Credit Hours
Total Semester Credit Hours	15	Total Semester Credit Hours	15
PROG 220 C++ Programming I	3	INMD 210 Interface Design I	3
INMD 260 Introduction to IAM Team Development (Fall Only)	3	PROG 301 Object Oriented Programming II	3
CCCX 2** Creative Communities (Core)	3	Columbia Core Requirement	3
Columbia Core Requirement	3	Columbia Core Requirement	3
College-Wide Elective	3	College-Wide Elective	3
5th Semester Courses (Typically the Fall Semester)	Credit Hours	6th Semester Courses (Typically the Spring Semester)	Credit Hours
Total Semester Credit Hours	16	Total Semester Credit Hours	15
PROG 366 Algorithms	3	PROG 260 Data Design	3
PROG 420 C++ Programming II	3	PROG 455 Application Design	3
PROG 450 (Section A, B, or C) Code Sprint	1	CCCX 3** Innovation and Impact (Core)	3
Columbia Core Requirement	3	Columbia Core Requirement	3
College-Wide Elective	3	College-Wide Elective	3
College-Wide Elective	3		
7th Semester Courses (Typically the Fall Semester)	Credit Hours	8th Semester Courses (Typically the Spring Semester)	Credit Hours
Total Semester Credit Hours	14	Total Semester Credit Hours	15
PROG 340 Graphics Application Programming	3	PROG 449 AI Programming	3
PROG 450 (Section A, B, or C) Code Sprint	1	INMD 460 IAM Team (Spring Only)	6
Columbia Core Requirement	3	Columbia Core Requirement	3
College-Wide Elective	3	College-Wide Elective	3
College-Wide Elective	3		
College-Wide Elective	1		

Notes on the Four-Year Student Degree Plan:

This degree plan is a suggested sequence only. Students should consult with their Academic Advisors and Academic Departments to develop their unique individual plans.

Essential LAS Core Requirements include English, Mathematics, Sciences, Literature, Humanities, History, and Social Sciences. **Columbia Experience Core Requirements** include First-Semester Experience, Creative Communities, and Innovation and Impact courses.

Major Electives include courses required to be completed to finish a major, and students will choose from a list of Major Electives in the course catalog.

College-Wide Electives include all courses and credits not specifically applied towards the Columbia Core or Major Requirements.

All degree-seeking undergraduate students are required to complete 6 credits of **Diversity, Equity, and Inclusion (DEI)** coursework. All degree-seeking undergraduate students are required to complete 9 credits of **advanced (200 or higher level)** coursework in the Columbia Core.

Students are encouraged to consider declaring a Minor to complete their required College-Wide Elective credits.

Full-time status at Columbia College Chicago is a minimum of 12 attempted credits per semester, but the cost of tuition is the same for 12-16 attempted credits. Students are encouraged to attempt 15-16 credits each semester for financial reasons and to complete their degree (120-128 minimum credits) in a timely fashion.

Degree:	Bachelor of Arts	Credits required for degree:	120
Major:	Programming	Credits required in major:	50
Concentration:	Application Programming	Estimated semesters to complete this degree plan:	4

1st Semester Courses (Typically the Fall Semester)	Credit Hours	2nd Semester Courses (Typically the Spring Semester)	Credit Hours
Total Semester Credit Hours	15	Total Semester Credit Hours	15
PROG 101 Introduction to Programming	3	PROG 103 Computer Architecture	3
INMD 102 Fundamentals of Interaction	3	PROG 201 Object Oriented Programming I	3
INMD 210 Interface Design I	3	PROG 220 C++ Programming I	3
INMD 260 Introduction to IAM Team (Fall Only)	3	CCCX 3** Innovation and Impact (Core)	3
College-Wide Elective	3	College-Wide Elective	3
3rd Semester Courses (Typically the Fall Semester)	Credit Hours	4th Semester Courses (Typically the Spring Semester)	Credit Hours
Total Semester Credit Hours	15	Total Semester Credit Hours	15
PROG 260 Data Design	3	PROG 301 Object Oriented Programming II	3
PROG 340 Graphics Application Programming	3	PROG 449 AI Programming	3
PROG 366 Algorithms	3	PROG 455 Application Design	3
PROG 420 C++ Programming II	3	INMD 460 IAM Team (Spring Only)	6
PROG 450 (Section A, B, or C) Code Sprint	1		
PROG 450 (Section A, B, or C) Code Sprint	1		
College-Wide Elective	1		

Notes on the Transfer Student Degree Plan:

This degree plan assumes a student is starting at Columbia with a **minimum of 60 credits in transfer** and the completion of the Essential LAS Core Requirements. **This degree plan is a suggested sequence only.** Students should consult with their Academic Advisors and Academic Departments to develop their unique individual plans.

Essential LAS Core Requirements include English, Mathematics, Sciences, Literature, Humanities, History, and Social Sciences. **Columbia Experience Core Requirements** include First-Semester Experience, Creative Communities, and Innovation and Impact courses.

Major Electives include courses required to be completed to finish a major, and students will choose from a list of Major Electives in the course catalog.

College-Wide Electives include all courses and credits not specifically applied towards the Columbia Core or Major Requirements.

All degree-seeking undergraduate students are required to complete 6 credits of **Diversity, Equity, and Inclusion (DEI)** coursework. All degree-seeking undergraduate students are required to complete 9 credits of **advanced (200 or higher level)** coursework in the Columbia Core.

Students are encouraged to consider declaring a Minor to complete their required College-Wide Elective credits.

Full-time status at Columbia College Chicago is a minimum of 12 attempted credits per semester, but the cost of tuition is the same for 12-16 attempted credits. Students are encouraged to attempt 15-16 credits each semester for financial reasons and to complete their degree (120-128 minimum credits) in a timely fashion.