

#3504

GAME DEVELOPMENT

NOTES: FALL 2025

This is an unofficial document and should be used for academic planning purposes only. All students are required to see their Academic Advisor each semester to discuss and approve their selection of courses before they register.

Due to continual program revisions mandated by accrediting agencies and/or changes in state mandated requirements, students should consult their academic advisor when selecting courses.

If you need the name of your academic advisor, contact the **Department of Information Technologies in Emeriti Hall, EH 225 (973) 328-5780.**

To determine the transferability of your courses to participating NJ Colleges & Universities, access www.njtransfer.org.

*See back page for more information

**Select a 4-credit Laboratory Science elective from the approved General Education (Science) course list.

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Suggested Sequence by Semester

*This suggested sequence does not include any required developmental courses.
Degree completion time may vary depending upon the number of credits taken each semester.*

SEMESTER I			CREDITS	SEMESTER II			CREDITS
Computer Science I	CMP 128	3		Computer Science II	CMP 129	3	
Critical Game Play	CMP 149	3		Media Aesthetics	COM 114	3	
Precalculus	MAT 123	4		English Composition II	ENG 112	3	
English Composition I	ENG 111	3		CMP/MED Technical Elective		<u>3</u>	
Game Design Concepts	CMP 108	<u>3</u>					
	TOTAL	16			TOTAL	12	
SEMESTER III				SEMESTER IV			
Data Structures & Algorithms	CMP 233	3		Software Engineering	CMP 280	3	
Animation	MED 220	3		Game Production	CMP 250	3	
Game Programming	CMP 150	3		Humanities/Social Science Elective		3	
Probability & Statistics OR	MAT 130	4		Lab Science Elective		4	
Analytic Geometry & Calculus I	MAT 131			CMP/MED Technical Elective		<u>3</u>	
Humanities/Social Science Elective		<u>3</u>					
	TOTAL	16			TOTAL	16	

CMP/MED TECHNICAL ELECTIVES: Students should consult their academic advisor when selecting these electives.

CMP: CMP 131 Fundamentals of Programming (Python), CMP 200 Operating Systems & Util., CMP 239 Internet & Web Page Design, CMP 244 Web Design II, CMP 262 Data Science Programming, CMP 296/297/298 Cooperative Work Experience Information Technologies.

MED: MED 110 Multimedia I, MED 113 Multimedia II, MED 119 Digital Media Production, MED 210 Digital Video Editing, MED 240 Advanced Animation

HUMANITIES/SOCIAL SCIENCE: Select 6 CR of Humanities/Social Science electives from the list of approved General Education courses.

LABORATORY SCIENCE: Select a 4-credit Laboratory Science course from the list of approved General Education course list.

HONORS COURSES: You may be eligible to take honors courses. Discuss this option with your Academic Advisor.

GENERAL EDUCATION: [Click here for the most recent General Education course list.](#)