

# JRTEP A.S. (7-12 Mathematics) Degree Map



◆ TRANSFER DEGREE    M MIDDLETOWN CAMPUS

## Career and Transfer Focus

This program will comprehensively prepare you to transfer to SUNY New Paltz, through a mixture of general required courses, education courses, and advanced mathematics courses. After earning your associate's degree at SUNY Orange, you will be positioned to pursue a Bachelor's Degree and New York State Initial Teaching Certification at SUNY New Paltz. You will be prepared to enter the world of teaching middle and high school students in a public school setting, where you will build relationships with students while planning lessons and experiences that foster an understanding of mathematics.

## Three Reasons to Consider the JRTEP A.S. (7-12 Mathematics)

1. Experienced faculty members, with public school teaching experience, who provide extensive support in achieving learning goals.
2. Meaningful, appropriate, and high-quality instruction, paired with observation hours in school settings.
3. An excellent, affordable start, which prepares students for successful transfer to SUNY New Paltz, with many of the courses transferring smoothly to other colleges.

## Keep This in Mind

Students must have a 3.0 CQPA and receive a grade of B or better in both ENG 101 and ENG 102 in order to be accepted into SUNY New Paltz's Teacher Education program.

Students will complete an associate's degree at SUNY Orange, and then apply for transfer to SUNY New Paltz to attain a bachelor's degree and initial teaching certification.

Students be required to engage in classroom observations in local area school settings in this program.

## JRTEP A.S. (7-12 Mathematics) Gateway Courses:

- Gateway courses: ENG 101, MAT 205, PSY 111
- Key courses: ENG 101, ENG 102, EDU 207, MAT 206

*Courses above have been recommended by the department to help introduce you to the program (Gateway courses) and guide you in selecting courses that will provide you with the best academic experience (Key courses and suggested Electives).*

## First Semester

Course #	Course Name	P, C, P/C	Cr
ENG 101	Freshman English 1 #	P	3
COM 101	Foundations of Communication		3
PSY 111	Introduction to Psychology		3
MAT 205	Calculus 1	P	4
	SUNY Foreign Language (GE 9)		3
EDU 107	Protecting Children's Well-Being		1
	Total Semester Credits		17

## Milestones

**During this semester, students should:**

- See advisor and register for courses
- Attend your first Future Teachers Association or Math Club meeting, and consider joining these student clubs
- See Education Department faculty member for progress "check-in"

## Second Semester

Course #	Course Name	P, C, P/C	Cr
ENG 102	Freshman English 2 #	P	3
PSY 222	Psychology of Adolescence	P	3
MAT 206	Calculus 2	P	4
	SUNY Foreign Language (GE 9) @		3
EDU 207	Social and Philosophical Foundations of Education # \$	P	3
	Total Semester Credits		16

## Milestones

**During this semester, students should:**

- See advisor and register for courses

# SUNY Orange

- Make a connection with a faculty member in the Mathematics department, and inquire about attending a STEAM (science, technology, engineering, art, and mathematics) conference, lecture or workshop

## Third Semester

Course #	Course Name	P, C, P/C	Cr
_____	Restricted SUNY Gen Ed Elective *		3
PHY 105	General Physics 1 with Calculus	P	4
MAT 211	Linear Algebra	P	3
MAT 207	Calculus 3	P	4
_____	SUNY Arts (GE 8)		3
_____	Total Semester Credits		17

## Milestones

### During this semester, students should:

- Plan a visit to SUNY New Paltz
- Meet with SUNY New Paltz transfer advisor
- See advisor and register for courses

## Fourth Semester

Course #	Course Name	P, C, P/C	Cr
<b>Either</b>	<b>Mathematical Reasoning and Proof</b>	P	
MAT 134			
<b>Or</b>	<b>Intro to Discrete Mathematics</b>	P	3
MAT 136			
_____	Restricted SUNY Gen Ed Elective *		3
_____	Restricted SUNY Gen Ed Elective *		3
PHY 106	General Physics 2 with Calculus	P, P/C	4
CSC 130	Computers and Computing	P	3
_____	Total Semester Credits		16

## Milestones

### During this semester, students should:

- Apply for graduation
- Apply to SUNY New Paltz

## TOTAL DEGREE CREDITS: 66

## Notes:

\*Students must take one course from each of the following SUNY General Education Requirements: American History (GE 4); Western Civilization (GE 5); Other/World Civilizations (GE 6)

@If completed Elementary Language 1, must also complete Elementary Language 2 of the same language. If completed Elementary Language 2, must also complete Intermediate Language 1 of the same language. If completed Intermediate Language 1, no other language need be taken.

%Local observations beyond college classroom required

#Must earn grade of B or higher for SUNY New Paltz School of Education

\$Must earn a C or higher