JRTEP A.S. (7-12 Mathematics)

Education & Human Services

TRANSFER DEGREE | MIDDLETOWN CAMPUS

Program Description

The Associate in Arts or Associate in Science degree in this Jointly Registered Teacher Education Program (JRTEP) is primarily for students who plan to transfer to SUNY New Paltz or another SUNY school and become certified to teach in New York State in either Early Childhood, Childhood or Adolescent Education. Developed by SUNY Orange and SUNY New Paltz, this jointly registered liberal arts/teacher education program has been approved by the New York State Education Department. Students in this program are, at the same time, given priority status for admission consideration into SUNY New Paltz. Upon successful completion of the A.A. or A.S. degree at SUNY Orange, with a minimum 3.0 grade point average, students who are accepted will transfer to SUNY New Paltz with full junior standing in order to complete the bachelor's degree.

The primary focus of the JRTEP concentration is to develop and integrate critical thinking, problem solving, and creative skills with information and theories about education. Coupled with a broad general liberal arts foundation, JRTEP students will experience between 10 and 80 hours of observation in local schools and centers. This field work provides excellent practical application opportunities.

Students planning to transfer to other institutions or SUNY four-year schools may also benefit from these courses. They should see their advisor and check transfer credits with transfer school if other than SUNY New Paltz.

Note: Because teacher education programs and the New York State Education Department certification regulations are precisely defined, it is essential that JRTEP students work closely with both their SUNY Orange advisor and their New Paltz advisor, who is on the SUNY Orange campus by appointment.

Program Outcomes

Students will:

- demonstrate an awareness of and a beginning understanding of the teaching profession and articulate a beginning philosophy of education that incorporates an understanding of developmentally appropriate practices, relevant theories and models of education
- students will demonstrate an understanding of diversity and its role in education
- demonstrate foundational knowledge and skills in one's chosen area of academic concentration
- demonstrate foundational knowledge of and an appreciation for the cultural, social, and natural worlds
- demonstrate college level proficiency in written and oral communication, critical thinking, and analytical, mathematical, and scientific reasoning

Admission Criteria

Admission to this program requires that students be high school graduates or have high school equivalency diplomas (HSEs). If students are not high school graduates, they may be eligible for admission to the College's 24 Credit Hour Program. If students are home schooled, they may be eligible for admission.

Before beginning their coursework, JRTEP students must choose an age level: birth to sixth grade (B-6), or seventh to twelfth grade (7-12).

Then, students must choose one of the following educational concentrations:

- Biology (available in B-6 or 7-12)
- English (available in B-6 or 7-12)
- History (available in B-6)
- Mathematics (available in B-6 or 7-12)
- Social Studies (available in 7-12)
- Spanish (available in B-6 or 7-12)

Transfer Options

JRTEP is specifically designed to transfer seamlessly to SUNY New Paltz. Other SUNY and non-SUNY schools with teaching preparatory programs may accept all or a large percentage of credits (see transfer criteria below left).

When JRTEP students successfully complete the A.A. or A.S. at SUNY Orange, they may apply for transfer to SUNY New Paltz to complete the bachelor's degree. JRTEP applicants are given priority review and the highly academically prepared student will be accepted first.

Transfer Criteria

To be eligible for admission to SUNY New Paltz, SUNY Orange JRTEP students must: Complete all SUNY Orange degree program requirements:

- Complete SUNY-mandated General Education Requirements
- Maintain a minimum cumulative GPA of 3.0
- Earn a grade of “B” or better in ENG 101 and ENG 102
- Earn a grade of “B-” or better in EDU 103, EDU 109, and EDU 201
- Math concentrations must earn a “B-” or better in either MAT 134 or MAT 205 and MAT 111
- Must earn a grade of C or better in EDU 207, PSY 221, GEO 101, and MAT 111
- Earn a grade of “C-” or better in all other courses
- Complete a separate application and/or procedures for SUNY New Paltz or other transfer institution
- Submit a writing sample to be completed at SUNY New Paltz prior to acceptance
- Show evidence of clearance of fingerprinting on NYS Education Department TEACH account

Your Career Coach

Career opportunities exist in the following areas:

- public school classroom teacher (grades 7 through 12)
- positions in related educational fields, such as special education teacher, and guidance counselor

Explore careers with Career Coach

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
- 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

Course #	Course Name	P, C, P/C	Cr
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
Either	Mathematical Reasoning and Proof	P	
MAT 134			
Or	Intro to Discrete Mathematics	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