

**NEW! FIVE-YEAR
MASTER'S PLAN**

**BACHELOR'S IN CHEMISTRY +
MASTER'S IN ADOLESCENCE
EDUCATION**

A DEGREE...AND AN EDUCATION®

PLAN OF STUDY – COURSE NUMBER AND TITLE
(each section represents a semester)

UNDERGRADUATE – 4 YEARS (BA 120-121 credits)

ENG160 Composition I (3-credits)
XXX101 Elem Language I (3-credits)
CHE201 Gen Chemistry I (3-credits)
CHE211 Gen Chem I Lab (1-credit)
MAT251 Calculus I (4-credits)
ENG180 Comp II (3-credits)
XXX102 Elementary Foreign Language II (3-credits)
CHE202 Gen Chemistry II (3-credits)
CHE212 Gen Chem II Lab (1-credit)
MAT252 Calculus II (4-credits)
SED354 Foundations of Sec. Educ. Sci. Seminar (1-credit)
GE NS: PHY201 General Physics I (3-credits)
PHY211 Physics I Lab (1-credit)
CHE318 Organic Chemistry I (3-credits)
CHE306 Organic Chemistry I Lab (1-credit)
GE: Arts (3-credits)
GE SS EDS372 Developing Adolescence (3-credits)
GE AH: EDS340 Sociological & Philosophical Foundations of Education (3-credits)
PHY202 General Physics II (3-credits)
PHY202 General Physics II Lab (1-credit)
CHE319 Organic Chemistry II (3-credits)
CHE309 Organic Chemistry II Lab (1-credit)
GE: Humanities (3-credits)
CHE314 Inorganic Chemistry (3-credits)
CHE303 Intro to Analytical Chemistry (includes lab) (4-credits)
GE: Western Civilization (3-credits)
MAT341 Applied Mathematics I (3-credits)
Upper-division Liberal Arts elective (3-credits)
One of the following options or an elective: BIO201/211 Gen Biology 1/Gen Biology 1 Lab or GLG201/211 Physical Geology/Physical Geol Lab (3+1 = 4-credits)
CHE321 Physical Chemistry I (3-credits)
EDS383 Intro Literacy for Diverse Learners (3-credits)
GE: Other World (3-credits)
Upper-division Liberal Arts elective (3-credits)
One of the following options or an elective: BIO201/211 Gen Biology 1/Gen Biology 1 Lab or GLG201/211 Physical Geology/Physical Geology Lab (3+1 = 4-credits)
CHE323 Experimental Physical Chemistry (3-credits)
CHE322 Physical Chemistry II (3-credits)
Upper-division Liberal Arts or other elective (3-credits)
SED/EDS/ED15xx elective or CHE5xx Liberal Arts elective (3-credits)
BCM461 Biochemistry I or 400-level Chemistry elective (3-credits)
SED453 Curriculum & Assessment in the Secondary School (3-credits)
SED353 Fieldwork I (35 hours) (1-credit)
SED356 Teaching & Learning in the Digital Environment (3-credits)
SED493: Integrating Eng Lang Learners in the School & Classroom (3-credits)
SED/EDS/ED15xx elec or CHE5xx LA&S elective – part of UG program (3-credits)

GRADUATE - 5th-YEAR (MAT 30 credits)

Summer:

One of the following if offered:

SED5xx/SED7xx Discipline-specific Education course (3-credits)
SED/EDS/ED15xx or SED/EDS/ED17xx Diversity elective (3-credits)
XXX5xx/XXX7xx Course in discipline or alternative approved by adviser (3-credits)

Fall (plus summer course if not taken in summer):

Two of the following not taken in summer:

SED5xx/SED7xx Discipline-specific Education course (3-credits)
SED/EDS/ED15xx or SED/EDS/ED17xx Diversity elective (3-credits)
XXX5xx/XXX7xx Course in discipline or alternative approved by adviser (3-credits)

And

SED543 Science in the Secondary School (3-credits)
SED552 Fieldwork II (35 hours) (1-credit)
SPE565 Teaching in Inclusive Classrooms (3-credits)

Spring:

SED604 Practicum 7-9 (6-credits)
SED605 Practicum 10-12 (6-credits)
SED606 Practicum Seminar (1-credit)
SED553 Fieldwork III (30 hours) (1-credit)

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

The State University of New York at New Paltz is located in New Paltz, NY, a dynamic college town just 90 minutes from metropolitan New York City and 60 minutes south of the state capital of Albany. Our 257-acre campus in the stunning Hudson River Valley is settled next to the nation's oldest street. Our unsurpassed location offers not only an outstanding quality of life but also world-class connections.

Founded in 1828, New Paltz is the 99th oldest collegiate institution in the country. Rooted in our distinguished heritage is an intense spirit of imaginative inquiry. This spirit manifests as a creative environment of discovery that permeates campus. We provide one of the most open, diverse, and artistic places of higher learning in the nation and are committed to preparing our students to excel in the rapidly changing world of the 21st century.

New Paltz is a highly competitive, four-year college that delivers an extraordinary number of undergraduate majors in business, liberal arts, sciences, and engineering. We are particularly well known for our programs in fine and performing arts and education. Every program resonates with our fierce dedication to engagement through impassioned teaching. Students here develop close mentor relationships that help them succeed, and find the opportunities and encouragement to connect with the world in meaningful ways.

Our Graduate School serves as the region's foremost graduate school in the Hudson Valley, offering exceptional programs in education, computer science, fine arts, engineering, business, and the liberal arts.

In keeping with the tradition of the nation's great public universities, New Paltz is linked to the health and vitality of the region, state, and nation through the education of its citizens.

FOR ADMISSIONS INFORMATION CONTACT

Office of Undergraduate Admission
State University of New York at New Paltz
100 Hawk Drive
New Paltz, New York 12561-2499
845-257-3200

WWW.NEWPALTZ.EDU

**CHEMISTRY
BACHELOR'S**



**ADOLESCENCE EDUCATION
MASTER'S**



**2 POWERFUL
CREDENTIALS**

SUNY New Paltz is unveiling a brand new program designed to help students accelerate to fulfilling careers in science and education. The Five-Year Master's Plan is a pathway to earning two powerful credentials, a Bachelor of Arts degree and a Master of Arts in Teaching degree, in just five years.

The Five-Year Master's Plan can help you develop a highly marketable and flexible skill set that will equip you to work in or out of the classroom, while saving you thousands on a full year of graduate tuition and fees.

We've developed this program in response to popular demand from students and parents who have called for a pathway to fulfilling jobs in education and science, and to school districts who report an increasing number of full-time job openings in STEM disciplines.

Graduation from the Five-Year Master's Plan will empower you with options to choose the career you find most fulfilling, whether that means becoming a science teacher, working as a chemist, or going for your PhD.

Enrollment is now open for the Five-Year Master's Plan beginning in fall 2016.

New York State requires students to maintain a 3.0 GPA and to take the GRE prior to entering the MAT program, and for completing all tests, workshops and procedures to merit teacher certification.



How does it work?

1

ENROLL

in the Five-Year Master's Plan and begin taking foundational science courses as a first-year student

2

MAINTAIN

A 3.0 GPA as you take embedded education courses and pursue your BA in chemistry

3

QUALIFY

for early admission to graduate program, take the GRE and apply in junior year

4

EARN

your Bachelor of Arts degree in four years, while taking education courses to prepare for accelerated graduate education

5

COMPLETE

Master of Arts in Teaching program, including all student teaching requirements, in just one final year