

# Chapter VI

## Elementary and Secondary Teacher Preparation

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## Elementary and Secondary Teacher Preparation

SUNY Brockport offers undergraduate teacher preparation for students seeking a career in the teaching profession. Students complete a Bachelor of Arts or a Bachelor of Science degree in one of the academic majors, in conjunction with a teacher education program leading to certification. Each program provides opportunities for early participation, observation, or tutoring experiences, and culminates in a teaching experience in an area public school.

Graduates of SUNY Brockport are, in the broad sense, liberally educated persons with in-depth knowledge in the area of their academic majors.\* Those who complete one of the College's teacher preparation programs are, in addition, provided with the skills that are necessary to foster learning in an often culturally, socially and intellectually diverse group of students.

### Teacher Certification

Students who complete a degree from SUNY Brockport that includes an approved program of teacher preparation for certification are eligible for the College's recommendation for a teaching credential.

Approved programs satisfy New York state academic requirements and, under the terms of the Interstate Agreement, the academic requirements for an initial certificate in many other states. *The Application for Certificate* should be filed with the College's Office of Certification and Licensure during the semester in which the student is completing degree requirements.

The New York State Education Department requires that all candidates for a provisional elementary (PreK–6) or for a secondary (7–12) teaching certificate achieve satisfactory scores on the Liberal Arts and Sciences Test (LAST) and the Assessment of Teaching Skills-Written (ATS-W) of the New York State Teacher Certification Examinations (NYSTCE).

For permanent elementary or secondary certification, the state requires completion of a master's degree, appropriate professional experience, and satisfactory scores on the Content Specialty Test (CST) and the Assessment of Teaching Skills-Performance (ATS-P) of the New York State Teaching Certification Examinations.

Candidates for provisional certification as teachers of health (K–12) teachers of physical education (K–12) or teachers of dance (K–12) must obtain satisfactory scores on the New York State Teacher Certification Examinations (LAST and ATSW). For permanent physical education, health or dance certification the state requires completion of a master's degree and appropriate professional experience.

Information concerning the pass rates of Brockport students on the New York State Teacher Certification Examinations, and the statewide pass rates on those tests, is available on request from the College's Office of Certification and Licensure and from the Departments of Education and Human Development, Physical Education, Health and Dance.

National Council for Accreditation of Teacher Education (NCATE) standards and revised NY State Board of Regents policies will lead to changes in education programs and certification requirements during the term of this catalog.

Information regarding New York state certification policies and procedures may be obtained from the SUNY Brockport Office of Certification and Licensure. Information concerning Brockport's professional education programs is available from the Departments of Education and Human Development, Physical Education, Health and Dance.

### Teacher Certification Programs

*The BA/BS Elementary Teacher, PreK–6/Certification Programs* include an approved academic major selected from among 21 traditional academic disciplines and two interdisciplinary majors. The professional education sequence consists of Developmental Psychology; Self, School and

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\*Please note that neither elementary or secondary education nor teacher preparation are majors at SUNY Brockport; students preparing for a teaching career will complete both an academic major and an appropriate teacher preparation (certification) program.

Society; Elementary School Observation; Understanding the Exceptional Learner; Literacy I; Dimensions of Teaching; Literacy II; Applications of Teaching; Drug Education for Teachers; Practicum in Elementary Education; and a Professional Development Seminar.

A student who is pursuing elementary certification may extend that certificate to Bilingual Education and thus be prepared to teach in either a monolingual or a bilingual Spanish-English elementary school classroom. The certification program includes a major in Spanish with a concentration in bilingual-multicultural studies, a practicum experience in a bilingual setting, and satisfactory completion of language proficiency examinations in both English and Spanish.

*The BA Social Studies, 7–12 Certification Program* includes a major in history, an interdisciplinary minor in social sciences, and a professional education sequence consisting of: Self, School and Society; Adolescence; Drug Education for Teachers; Introduction to Teaching Secondary Social Studies; Methods of Teaching Secondary Social Studies; and Practicum and Seminar in Secondary Social Studies.

*The BA/BS English, 7–12 Certification Programs* include a major in English and a professional education sequence consisting of: Self, School and Society; Adolescence; Drug Education for Teachers; Introduction to Teaching Secondary English; Methods of Teaching Secondary English; and Practicum and Seminar in Secondary English.

*The BA/BS Mathematics, 7–12 Certification Programs* include a major in mathematics and a professional education sequence consisting of: Self, School and Society; Adolescence; Drug Education for Teachers; Introduction to Teaching Secondary Mathematics; Methods of Teaching Secondary Mathematics; and Practicum and Seminar in Secondary Mathematics.

*The BA/BS Biology and General Science, 7–12 Certification Programs* include a major in biology and a minor in one other science (chemistry is recommended). Students also will need to complete two courses with a laboratory in each of the remaining two sciences. The professional education sequence consists of: Self, School and Society; Adolescence; Drug Education for Teachers; Introduction to Teaching Secondary Science; Methods of Teaching Secondary Science or a course in biology lab methods and materials (BIO); and Practicum and Seminar in Secondary Science.

*The BA/BS Chemistry and General Science, 7–12 Certification Programs* include a major in chemistry, two courses, each with laboratory, in the other three sciences (biology, earth sciences, and physics), and a minor in one of the other sciences (biology, earth sciences, or physics). Students also need to complete two courses with a laboratory in each of the remaining two sciences. The professional education sequence consists of: Self, School and Society; Adolescence; Drug Education for Teachers; Practical Chemistry Lab Pedagogy; Introduction to Teaching Secondary Science; Methods of Teaching Secondary Science; and Practicum and Seminar in Secondary Science Teaching.

*The BA/BS Earth Sciences and General Science, 7–12 Certification Programs* include a major in earth sciences and a minor in one other science. Students also will need to complete two courses with a laboratory in each of the remaining two sciences. The professional education sequence consists of: Self, School and Society; Adolescence; Drug Education for Teachers; Introduction to Teaching Secondary Science; Methods of Teaching Secondary Science; and Practicum and Seminar in Secondary Science.

*The BA/BS Physics and General Science, 7–12 Certification Programs* include a major in physics and a minor in one other science. Students also will need to complete two courses with a laboratory in each of the remaining two sciences. The professional education sequence consists of: Self, School and Society; Adolescence; Drug Education for Teachers; Introduction to Teaching Secondary Science; Methods of Teaching Secondary Science; and Practicum and Seminar in Secondary Science.

*The BA in French, 7–12 Certification Programs* include a major in French, demonstration of language proficiency, and a professional education sequence consisting of: Self, School and Society; Adolescence; Drug Education for Teachers; Introduction to Teaching Secondary Foreign

Languages; Methods of Teaching Secondary Foreign Languages; and Practicum and Seminar in Secondary Foreign Languages.

*The BA in Spanish, 7–12 Certification Program* includes a major in Spanish, demonstration of language proficiency, and a professional education sequence consisting of: Self, School and Society; Adolescence; Drug Education for Teachers; Introduction to Teaching Secondary Foreign Languages; Methods of Teaching Secondary Foreign Languages; and Practicum and Seminar in Secondary Foreign Languages.

*A Bilingual Education Extension* to an academic subject, 7–12, to physical education or to health education requires completion of a minor in Spanish (Track Two), interdisciplinary concentration in bilingual-multicultural studies, a practicum in a bilingual setting, and satisfactory completion of language proficiency examinations in both Spanish and English.

*The BA/BS Health Teacher, K–12 Program* includes a health science major specifically designed for health educators; plus Anatomy and Physiology I and II, and Developmental Psychology. The professional education sequence consists of: Foundations of Health Education, Dimensions of Teaching School and Community Health, Experiential in Health Education, Health Education Methods, Interpersonal Communication in Health Education Program Planning and Evaluation, and Practicum in School Health Education.

*The BA/BS Physical Education, K–12 Program* consists of a major including courses in historical, psychological, sociocultural, philosophic, physiological, and kinesiological perspectives of sport, and competence in the activity areas; plus First Aid; Drug Education for Teachers; and Human Growth and Development. The professional sequence consists of Physical Education Curriculum; Secondary Methods; Measurement and Evaluation; Elementary Methods; Adapted Physical Education; Coaching Seminar; and Student Teaching/Coaching Practicum.

