



Bachelor of Arts in Earth Science/ Secondary Education (K-12)

with Earth Science Teacher Certification (Entering 9/1/2016)



Program Description

Completion of this dual major prepares one for a career as an earth science teacher in elementary schools, middle schools, and high schools in which science is taught as a separate subject. Earth science includes astronomy, geology, meteorology, oceanography, physical geography, and space science. Candidates earn certification for grades K-12; however, most job opportunities will be for grades 7-12. The K-12 content certification is often referred to as "Secondary Certification." Candidates for this certification complete education coursework and a major in Geoscience as offered by the William J. Maxwell College of Arts and Sciences.

Please contact the Geoscience and Geography Department for major requirements and advisement. Visit <http://www.njcu.edu/departments/earth-environmental-sciences> or call (201) 200-3161 for more information.

New Jersey City University is accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104 (267-284-5000). NJCU education programs are accredited by the Teacher Education Accreditation Council (TEAC) and the New Jersey Department of Education.

Admission Requirements to Any NJCU Education Program

- Cumulative GPA of 3.0 or above. A grade of B- or lower in an education course may require that the course be repeated.
- Passing scores on the Praxis CORE, or 1100 or higher on the SAT (560 on verbal and 540 on math), or 23 or higher on each section of the ACT, or 311 on the GRE (155 verbal and 156 quantitative)
- Passing scores on the Praxis CORE Academic Skills for Educators Tests, as of 9/1/15:
 - Math Test #5732 Passing Score 150
 - Reading Test #5712 Passing Score 156
 - Writing Test #5722 Passing Score 162

For more information: <https://www.ets.org/praxis/nj/requirements>

- Passing score on NJCU Writing Assessment (ToW&R)
 - For Spring 2017 placements, only those candidates who are exempt from the Praxis Core will be required to pass the ToW&R; for Fall 2017 placements, no candidates will be required to take or pass the ToW&R.

Program Completion Requirements

- NJCU General Education requirements or equivalent
- Passing scores on the Earth and Space Sciences: Content Knowledge (5571) and General Science: Content Knowledge (5435) exams. Always confirm the correct test code of any Praxis test. Praxis II must be passed prior to Clinical Practice.
- A minimum cumulative GPA of 3.0
- Successful completion of Secondary Education Clinical Experience and Clinical Practice

For more information, please contact the Department of Elementary and Secondary Education:

New Jersey City University
Professional Studies Building, Room 329
(201) 200-3421

Website: <http://www.njcu.edu/departments/elementary-secondary-education>

Name: _____ ID# _____

All education majors must take the following General Education courses or their equivalents:

	Taken/Transferred	Grade
MATH 175: Enhanced Precalculus (4cr)		
WGST 110: Diversity and Difference (3cr)		
BIO 225: Human Sexual Bio for GEP (3cr)		
PSYC 152: Develop. Adolescence to Adult (3cr)		

Secondary Education Requirements: (30 credits) / Required CGPA 3.0

Phase I must be completed prior to admission to the Secondary Education program.

Students may take Phase I prior to passing the Praxis CORE.

Phase I	Taken/Transferred	Grade
EDU 280: Challenges in Urban Education (3cr)		
LTED 230: Focus: Reading, Language & Literacy (3cr)		

Phase II Prerequisites:

Satisfactory completion of Phase I

Passing score on Praxis CORE (unless exempt)

Passing score on NJCU Writing Assessment TOW&R (unless exempt)

Phase II	Taken/Transferred	Grade
EDU 330: Focus: Development, Behavior & Learning (3cr)		
EDU 331: Secondary Education Practicum (1cr)		

Phase III <i>Courses should be taken concurrently; offered fall semester only</i>	Taken/Transferred	Grade
LTED 370: Secondary Reading Lang. & Lit Methods (2cr)		
EDU 371: Secondary Curriculum, Methods & Materials (3cr) or designated sections of SPEC 508		
EDU 3372: Secondary Methods of Teaching Science (3cr)		

Phase IV Prerequisites:

Students must pass the Earth and Space Sciences: Content Knowledge (5571) and General Science: Content Knowledge (5435) exams.

Phase IV - <i>Courses must be taken concurrently.</i>	Taken/Transferred	Grade
EDU 470: Internship Seminar - Science/Math (2cr)		
EDU 480*: Secondary Ed Internship (8cr)		
EDU 485: Classroom Mgt. & Assessment- Secondary (2cr)		

*Applications are due early; please contact your advisor for exact due dates.