

**Response to the National Council for Teacher Quality 2013 Rating**  
**High School Content—Graduate Secondary**  
**Cleveland State University**

NCTQ rated our program with zero stars in this standard because the report stated that the graduate program does not ensure sufficient content knowledge in science and social sciences. Even after reviewing NCTQ methodology, we do not understand how this conclusion was reached. Even if one only accepted the content knowledge preparation in Mathematics and English licensure pathways, we do not understand how this would earn zero stars. We believe that the materials we submitted may not have allowed reviewers to see the content prerequisites that we require for MUST candidates.

When we submitted the NCTQ survey, we submitted only a copy of the program checklist which includes the professional course work completed by all program candidates. However, we did not submit the *content checklists* that are used to complete a transcript analysis of every applicant to identify any content requirements that must be completed prior to admission into the program.

At an initial advising appointment, all prospective candidates submit transcripts which are analyzed using our post-baccalaureate content checklists. These checklists mirror the content required for all of our undergraduate and post-baccalaureate secondary licensure areas, which earned four stars from NCTQ “because all certification pathways ensure that high school teacher candidates have sufficient content knowledge in every subject they will be qualified to teach.” Refer to appendix (attached) which includes the following documents to support this claim:

- Post-baccalaureate program checklists for mathematics, science, social studies, and English
- Sample of completed post-baccalaureate program checklists used for transcript analysis of an applicant accepted into the program
- A sample contract of what the applicant received to identify content prerequisites

From these samples, you can see the verification process to ensure that candidates have taken every course or an equivalent at another institution. Any missing courses are included on the contract that the student signs to indicate awareness that these courses must be taken to satisfy licensure requirements.

Based on NCTQ ratings of our undergraduate secondary program and on the fact that all applicants must satisfy the same content requirements as the undergraduates, we believe that our graduate secondary program deserves a rating of four stars in this standard.

**Cleveland State University - College of Education and Human Services**  
**INTEGRATED SOCIAL STUDIES (Grades 7-12)**  
**POST-BACCALAUREATE PROGRAM CHECKLIST (Effective Fall 2008)**

Rev. 11/26/2012

Student Name \_\_\_\_\_

CSU ID # \_\_\_\_\_

Postbaccalaureate Teacher Preparation Program. The College of Education and Human Services offers a variety of teacher preparation programs for college graduates who have had little or no professional training in education. While these programs lead to licensure, most of the coursework they require cannot be applied to a graduate degree. All postbaccalaureate students seeking teacher licensure must fully meet the college's admission requirements and professional standards. Moreover, students must be available for fieldwork in area schools during the day and are urged to carefully plan their program of study since they must apply for practicum and student teaching placements two (2) semesters in advance of registration for these experiences.

<b>GENERAL EDUCATION</b> Undergraduate coursework of at least 30 semester or 45 quarter credits	<b>Sem. Credits</b>	<b>✓ taken</b>
<b>PREREQUISITES</b> Equivalent courses taken at other colleges/universities may substitute for the following prerequisites pending prior approval of the College of Education's Student Services Center.		
PSY 221 Adolescent Psychology	3	
EDC 300 Diversity in Educational Settings	3	

<b>PROFESSIONAL EDUCATION</b> (Must be accepted into Licensure program and maintain at least a 2.50 Cum GPA to be eligible for 300-400 level professional education courses)	<b>Sem. Credits</b>	<b>✓ taken</b>
<b>Foundations</b> (All Foundations courses must be completed first in the education sequence as they are prerequisites to all remaining Professional Education courses)		
EDB 200 Teaching as a Profession	2	
EDB 300 Educational Technology	2	
EDB 301 Social Foundations of Education	3	
EDB 302 Psychological Foundations of Education [Prereq: PSY 221]	3	
<b>Curriculum &amp; Methods</b>		
EDB 305 Teaching & Mgmt. in the Secondary School [Credit hours changed from 3 to 4 effective Fall 2007]	4	
EDL 305 Content Area Literacy	3	
EDS 316 Sec. Social Studies Instruction & Assessment Prereq: EDB 305, EDL 305 [To be taken with Practicum]	4	
**EST 381 Practicum – Secondary Educ-Social Studies [Must be taken with EDS 316, Available Fall Only] [Prereq: All Fndtns courses, EDB 305, EDL 305; 50% Subject Area courses; 2.50 Cum GPA; 2.50 Subject Area GPA; 2.75 Prof. GPA]	3	
ESE 404 Teaching Students of Varying Abilities	3	
<b>Culminating Experiences</b>		
EDB 400 Classroom Assessment [to be taken with EST 491]	2	
**EST 491 Student Teaching – Sec. Educ-Social Studies [Prereq: EST 381; 75% Subject Area courses; 2.50 Cum GPA; 2.50 Subj. Area GPA; 2.75 Prof. GPA]	10	

**\*\*Firm Application Deadlines for Practicum & Student Teaching are February 15 (Fall Semester) and September 15 (Spring Semester)**

**Summary of Credits**

**Prerequisites:** 6  
**Professional Education:** 39  
**Subject Area:** 75-86  
**Total Credits:** 120-131

SUBJECT AREA	Sem. Credits	✓ taken
<b>Core I: History</b>		
HIS 101 Western Civilization I or HIS 102 Western Civilization II	4	
HIS 111 US History to 1877	4	
HIS 112 US History since 1877	4	
HIS 165 Intro to Latin American History or HIS 175 Intro to African History	4	
HIS 200 Intro to Geography	4	
HIS 215 History of African Americans to 1877 or HIS 216 History of African Americans since 1877	4	
HIS 301 American Cultural History or HIS 304 U.S. Urban History	4	
HIS 370 World History	4	
HIS 390 Introduction to Social Studies	4	
HIS 400 Local History Seminar	4	
<b>Core II: Required Social Studies Courses</b>		
ECN 201 Principles of Macroeconomics	3	
ECN 202 Principles of Microeconomics	3	
PSC 111 American Government	4	
PSC 221 Comparative Politics or PSC 231 International Politics	4	
PSC/HIS/ANT 227 Power, Authority, & Society in NW Comm	4	
ANT 102 The Study of Culture (4) or HIS 323 Recent American History (4) or SOC 101 Introduction to Sociology (3)	3-4	
<b>Core III: Concentration (Select 1 of 3 Areas below)</b> (At least one course must be included from Anthropology and Sociology unless taken as a required course above.)		
<b>A - Anthropology Concentration</b>		
<b>Two of the following:</b> ANT 270 African-American Culture (4) ANT 324 Anthropology of Gender (4) ANT 351 Native North Americans (4)	8	
<b>Two of the following:</b> ANT 352 Native South Americans (4) ANT 353 Cultures of Africa (4) ANT 394 Area Studies in Anthropology (4)	8	
<b>B - Political Science Concentration</b>		
PSC 217 Urban Politics & the African-American Exp. (3) or PSC 305 Cultural Diversity in US Politics (4)	3-4	
PSC 318 The Presidency and Congress (4) or PSC 342 American Political Thought (4)	4	
<b>Two of the following:</b> PSC 310 Constitutional Law (4) PSC 311 Civil Rights & Civil Liberties (4) PSC 314 State Government & Politics (4) PSC 315 Public Policy and Administration (4) PSC 327 Politics of Peaceful World Change (4)	8	
<b>C - Sociology Concentration</b>		
SOC 101 Intro. to Sociology	3	
SOC 342 Sociology of Law or SOC 383 Political Sociology	4	
<b>Two of the following:</b> SOC 201 Race, Class and Gender (3) SOC 203 Sociology of Poverty (3) SOC 215 Black/White Interaction (3) SOC 317 Sociology of Gender (4) SOC 380 Racial and Ethnic Inequality (4)	6-8	

\_\_\_\_\_  
Evaluators Signature

\_\_\_\_\_  
Date

The following Praxis exams must be taken prior to student teaching and passed before you can apply for the Integrated Social Studies 7-12 license. You must designate CSU (code R1221) as a score recipient each time you register for the Praxis to have "passed" exams permanently recorded on your transcripts.

Test	Code	Hrs.	Passing Score
Principles of Learning and Teaching: Gr. 7-12	0624	2	157
Social Studies: Content Knowledge	0081	2	157

**Cleveland State University - College of Education and Human Services**  
**INTEGRATED LANGUAGE ARTS (Grades 7-12)**  
**POST-BACCALAUREATE PROGRAM CHECKLIST (Effective Fall 2008)**

Rev. 6/28/2011

**Student Name** \_\_\_\_\_

**CSU ID #** \_\_\_\_\_

Postbaccalaureate Teacher Preparation Program. The College of Education and Human Services offers a variety of teacher preparation programs for college graduates who have had little or no professional training in education. While these programs lead to licensure, most of the coursework they require cannot be applied to a graduate degree. All postbaccalaureate students seeking teacher licensure must fully meet the college's admission requirements and professional standards. Moreover, students must be available for fieldwork in area schools during the day and are urged to carefully plan their program of study since they must apply for practicum and student teaching placements two (2) semesters in advance of registration for these experiences.

<b>GENERAL EDUCATION</b> Undergraduate coursework of at least 30 semester or 45 quarter credits	<b>Sem. Credits</b>	<b>✓ taken</b>
<b>PREREQUISITES</b> Equivalent courses taken at other colleges/universities may substitute for the following prerequisites pending prior approval of the College of Education's Student Services Center.		
PSY 221 Adolescent Psychology	3	
EDC 300 Diversity in Educational Settings	3	
<b>PROFESSIONAL EDUCATION</b> (Must be accepted into Licensure program and maintain at least a 2.50 Cum GPA to be eligible for 300-400 level professional education courses).		
<b>Foundations</b> (All Foundations courses must be completed first in the education sequence as they are prerequisites to all remaining Professional Education courses)		
EDB 200 Teaching as a Profession	2	
EDB 300 Educational Technology	2	
EDB 301 Social Foundations of Education	3	
EDB 302 Psychological Foundations [Prereq: PSY 221]	3	
<b>Curriculum &amp; Methods</b>		
EDB 305 Teaching & Mgmt. in Secondary School [Credit hours changed from 3 to 4 effective Fall 2007]	4	
EDL 305 Content Area Literacy	3	
EDL 313 Literature-based Reading for Adolescents [Prereq: EDB 302; EDC 300]	3	
EDS 313 Sec. Language Arts Instr. & Assessment [Prereq: EDB 305, EDL 305 [To be taken with Practicum]	4	
**EST 379 Practicum – Secondary Educ.-English [Must be taken with EDS 313, Available Fall Only] [Prereq: All Fndtns courses, EDB 305, EDL 305; 50% Subject Area courses; 2.50 Cum GPA; 2.50 Subject Area GPA; 2.75 Prof. GPA]	3	
ESE 404 Teaching Students of Varying Abilities	3	
<b>Culminating Experiences</b>		
EDB 400 Classroom Assessment [to be taken with EST 489]	2	
**EST 489 Student Teaching – Sec. Educ.-English [Prereq: EST 379; 75% Subject Area courses; 2.50 Cum GPA; 2.50 Subj. Area GPA; 2.75 Prof. GPA]	10	

<b>SUBJECT AREA</b>	<b>Sem. Credits</b>	<b>✓ taken</b>
<b>To be taken as part of General Education Requirements (not part of English Major)</b>		
ENG 207 African-American Literature	4	
<b>Subject Area Prerequisites</b>		
ENG 240 Introduction to Poetry	4	
ENG 241 Introduction to Fiction and Drama	4	
<b>Subject Area Requirements</b>		
COM 101 Principles of Communication	4	
COM 226 Mass Media and Society <b>OR</b>	4	
COM 231 Evolution of Mass Media	4	
ENG 308 Composition Theory for Teachers	4	
ENG 310 Traditional Grammar (requirement can be fulfilled by passing departmental exam)	4	
ENG 315 Intro to the English Language	4	
ENG 321 British Literature I	4	
ENG 322 British Literature II	4	
ENG 342 Survey of American Literature	4	
ENG 382 Canonicity	4	
ENG 495 Senior Seminar (Capstone Course)	4	

**Summary of Credits**

<b>Prerequisites:</b>	<b>6</b>
<b>Professional Education:</b>	<b>42</b>
<b>Subject Area:</b>	<b>52</b>
<b>Total Credits:</b>	<b>100</b>

\_\_\_\_\_  
 Evaluator's Signature

\_\_\_\_\_  
 Date

**\*\*Firm Application Deadlines for Practicum & Student Teaching are February 15 (Fall Semester) and September 15 (Spring Semester)**

**The following Praxis exams must be taken prior to student teaching and passed before you can apply for the Integrated Language Arts 7-12 license. You must designate CSU (code R1221) as a score recipient each time you register for the Praxis to have "passed" exams permanently recorded on your transcripts.**

<b>Test</b>	<b>Code</b>	<b>Hrs.</b>	<b>Passing Score</b>
Principles of Learning and Teaching: Gr. 7-12	0524	2	165
English Language, Literature, & Composition: Content Knowledge	0041	2	167

**Cleveland State University**  
**College of Education and Human Services**  
**CSUteach Program**  
**Integrated Mathematics License (Grades 7-12)**  
**Post-Baccalaureate**

Student Name \_\_\_\_\_

CSU ID # \_\_\_\_\_

<b>PROFESSIONAL EDUCATION</b>			
(Must be accepted into Licensure program and maintain at least a 2.50 Cum. GPA to be eligible for 300-400 level professional education courses).	Credits	Sem.	√
<b>Foundations</b>			
<b>Prerequisites</b>			
EUT 201: Step 1: Inquiry Approaches to Teaching	1	Fa	
EUT 215: Step 2: Inquiry-Based Lesson Design in Math	1	Sp	
<b>STEM Education Content</b>			
EUT 210: Perspectives on Science and Mathematics	3	Sp	
MTH 201: Functions and Modeling	3	Sp	
PHY 301: Research Methods	3	Fa	
<b>STEM Education Professional Courses</b>			
EUT 302: Knowing & Learning in Mathematics &	3	Fa	
EUT 305: Classroom Interactions	3	Sp	
EDL 305: Reading in the Content Area	3	Fa	
*EUT 315: Project-based Instruction in Math	3	Fa	
<b>Culminating Experiences</b>			
*EST 499: CSUteach STEM Student Teaching [Prereq: EUT 317; 75% Major Field courses; 2.50 Cum GPA; 2.50 Major Field GPA; 2.75 Prof. GPA]	6	Sp	

<b>Licensure Requirements</b>	Credits	Sem.*	√
MTH 181: Calculus I	4	B	
MTH 182: Calculus II	4	B	
MTH 220: Intro to Discrete Mathematics	4	B	
MTH 286: Intro to Differential Equations	4	B	
MTH 288: Linear Algebra	4	B	
MTH 301: Intro to Number Theory	4	Fa	
MTH 323: Statistical Methods	4	B	
MTH 333: Geometry	4	Fa	
MTH 358: Abstract Algebra	4	Sp	
MTH 401: Mathematical Modeling	4	Fa	

\* These are guidelines only. Please confirm with the department for semester offered.

\*Firm Application Deadlines for Field Work and Student Teaching are February 15 (Fall Semester) and September 15 (Spring Semester)

**Summary of Credits**

Professional Education: 29  
 Licensure Requirements 40  
 Total Credits: 69

\_\_\_\_\_  
 Evaluator's Signature

\_\_\_\_\_  
 Date

The following Praxis exams must be taken prior to Field Work and Student Teaching and passed before you can apply for the Integrated Mathematics 7-12 license. You must designate CSU (code R1221) as a score recipient each time you register for the Praxis to have those exams that you pass permanently recorded on your transcript.

Test	Code	Length	Passing Score
Principles of Learning and Teaching: Grades 7-12	0624	2 hrs	157
Mathematics: Content Knowledge (graphing calculator required)	0061	2 hrs	139

**Cleveland State University**  
**College of Education and Human Services**  
**CSUteach Program**  
**Integrated Science (Biology), Grades 7-12**  
**Post-Baccalaureate**

Student Name \_\_\_\_\_

CSU ID # \_\_\_\_\_

<b>PROFESSIONAL EDUCATION</b>			
(Must be accepted into Licensure program and maintain at least a 2.50 Cum. GPA to be eligible for 300-400 level professional	Credits	Semester	✓
<b>Foundations</b>			
<b>Prerequisites</b>			
EUT 201: Step 1: Inquiry Approaches to Teaching	1	Fa	
EUT 217: Step 2: Inquiry-Based Lesson Design in Science	1	Sp	
<b>STEM Education Content</b>			
EUT 210: Perspectives on Science and Mathematics	3	Sp	
PHY 301: Research Methods	3	Fa	
<b>STEM Education Professional Courses</b>			
EUT 302: Knowing & Learning in Mathematics & Science	3	Fa	
EUT 305: Classroom Interactions	3	Sp	
EDL 305: Reading in the Content Area	3	Fa	
*EUT 317: Project-based Instruction in Science	3	Fa	
<b>Culminating Experiences</b>			
*EST 499: CSUteach STEM Student Teaching [Prereq: EUT 317; 15% Major Field courses; 2.50 Cum. GPA; 2.50 Major Field GPA; 2.75 Prof. GPA]	6	Sp	

\*Firm Application Deadlines for Field Work and Student Teaching are February 15 (Fall Semester) and September 15 (Spring Semester).

\*These are guidelines only. Please confirm with department for semester offered.

<b>Licensure Requirements</b>	Credits	Semester	✓
<b>Biology Requirements</b>			
BIO 200/201: Introductory Biology I + Lab	4	B	
BIO 202/203: Introductory Biology II + Lab	4	B	
BIO 306: Biochemistry and Molecular Biology	4	Sp	
BIO 310/311: Genetics + Recitation	4	B	
EVS 206: Introduction to Environmental Science	4	B	
<b>Chemistry Requirements</b>			
CHM 255: Principles of Environmental Chemistry	3	Fa	
CHM 261/266: General Chemistry I + Lab	5	B	
CHM 262/267: General Chemistry II + Lab	5	B	
CHM 331: Organic Chemistry	4	B	
<b>Physics Requirements</b>			
PHY 221: College Physics I	5	B	
PHY 222: College Physics II	5	B	
PHY 470: Environmental Physics	4	Fa	
<b>Environmental Science Requirements</b>			
GEO 100/101: Introduction to Geology + Lab	4	B	
UST 289: Physical Geography	4	B	
PHY 201: Astronomy: Stars and Galaxies	3	B	
<b>Mathematics Requirements</b>			
MTH 181: Calculus I	4	B	
MTH 147: Statistical Concepts with Applications	4	B	

**Summary of Credits**

Professional Education: 26  
 Licensure Requirements: 70  
 Total 96

\_\_\_\_\_  
 Evaluator's Signature Date

The following Praxis exams must be taken prior to student teaching and passed before you can apply for your license. You must designate CSU (code R1221) as a score recipient each time you register for the Praxis to have those exams that you pass permanently recorded on your transcript. \*As of September 1, 2013 Standardized tests will change in the State of Ohio, see

Test	Code	engt	Passing Score
Principles of Learning and Teaching: Grades 7-	0624	2 hrs	157
Biology: Content Knowledge	0235	2 hrs	148
Chemistry, Physics, & General Science	0070	2 hrs	520





# Cleveland State University

*engaged learning™*

College of Education and Human Services  
*Education Student Services Center*

April 13, 2013

[REDACTED]

Licensure area: Integrated Language Arts

Courses Remaining in My Licensure Area:

EDL 313/513 Literature-based Reading Methods for Adolescents

I understand that I must complete the courses listed about, have a GPA of 2.50 or higher in my licensure content area, and pass all Praxis/Pearson tests required for my area of licensure before I am eligible to apply for Ohio teacher licensure.

[REDACTED SIGNATURE]

Signature

4-13-13

Date







MUST

Cleveland State University  
 College of Education and Human Services  
 CSUteach Program  
 Integrated Science (Biology), Grades 7-12  
 Post-Baccalaureate

Student Name: [REDACTED]

CSU ID # PROSPECT ([REDACTED])

PROFESSIONAL EDUCATION			
(Must be accepted into Licensure program and maintain at least a 2.50 Cum. GPA to be eligible for 300-400 level professional education courses).			
Credits	Sem.	✓	
<b>Foundations</b>			
<b>Prerequisites</b>			
EUT 201: Step 1: Inquiry Approaches to Teaching	1	Fa	
EUT 217: Step 2: Inquiry-Based Lesson Design in Science	1	Sp	
<b>STEM Education Content</b>			
EUT 210: Perspectives on Science and Mathematics	3	Sp	(S13)
PHY 301: Research Methods	3	Fa	(F13)
<b>STEM Education Professional Courses</b>			
EUT 302: Knowing & Learning in Mathematics & Science	3	Fa	
EUT 305: Classroom Interactions	3	Sp	
EDL 305: Reading in the Content Area	3	Fa	
*EUT 317: Project-based Instruction in Science	3	Fa	
<b>Culminating Experiences</b>			
*EST 499: CSUteach STEM Student Teaching [Prereq: EUT 317; 75% Major Field courses; 2.50 Cum GPA; 2.50 Major Field GPA; 2.75 Prof. GPA]	6	Sp	

Licensure Requirements	Credits	Sem.*	✓
<b>Biology Requirements</b>			
BIO 200/201: Introductory Biology I + Lab	4	B	✓
BIO 202/203: Introductory Biology II + Lab	4	B	✓
BIO 306: Biochemistry and Molecular Biology	4	Sp	✓
BIO 310/311: Genetics + Recitation	4	B	✓
EVS 206: Introduction to Environmental Science	4	B	
<b>Chemistry Requirements</b>			
CHM 255: Principles of Environmental Chemistry	3	Fa	
CHM 261/266: General Chemistry I + Lab	5	B	✓
CHM 262/267: General Chemistry II + Lab	5	B	✓
CHM 331: Organic Chemistry	4	B	✓
<b>Physics Requirements</b>			
PHY 221: College Physics I	4	B	✓
PHY 222: College Physics II	4	B	✓
PHY 470: Environmental Physics	4	Fa	
<b>Environmental Science Requirements</b>			
GEO 100/101: Introduction to Geology + Lab	4	B	
UST 289: Physical Geography	4	B	
PHY 201: Astronomy: Stars and Galaxies	3	B	
<b>Mathematics Requirements</b>			
MTH 181: Calculus I	4	B	✓
MTH 147: Statistical Concepts with Applications	4	B	✓

\*Firm Application Deadlines for Field Work and Student Teaching are February 15 (Fall Semester) and September 15 (Spring Semester).

MUST: starts summer 13, end summer 14

\* These are guidelines only. Please confirm with department for semester offered.

Summary of Credits

Professional Education:	26
Licensure Requirements:	69
<b>Total</b>	<b>95</b>

*Courtney Woodard*  
 Evaluator's Signature

10/5/12  
 Date

The following Praxis exams must be taken prior to student teaching and passed before you can apply for the Integrated Science 7-12 license. You must designate CSU (code R1221) as a score recipient each time you register for the Praxis to have those exams that you pass permanently recorded on your transcript.

Test	Code	Length	Passing Score
Principles of Learning and Teaching: Grades 7-12	0624	2 hrs	157
AND one of the following combinations of content Praxis Exams:			
Chemistry, Physics, & General Science AND	0070	2 hrs	520
Biology: Content Knowledge	0235	2 hrs	148
OR			
Biology & General Science	0030	2 hrs	560
AND one of the following:			
Chemistry: Content Knowledge	0245	2 hrs	152
Earth and Space Sciences: Content Knowledge	0571	2 hrs	151
Physics: Content Knowledge	0265	2 hrs	132

These options exist before 9/1



# Cleveland State University

College of Education and Human Services  
*Education Student Services Center*

April 13, 2013

**[REDACTED]** # 2544271

Licensure area: Integrated Science – Biology concentration

Courses Remaining in My Licensure Area:

EVS 206: Intro to Environmental Science - in progress

CHM 255: Principles of Environmental Chemistry

PHY 470: Environmental Physics

GEO 100/101: Intro to Geology & Lab - in progress

UST 289: Physical Geography - in progress

PHY 201: Astronomy: Stars & Galaxies - in progress

PHY 301: Research Methods

I understand that I must complete the courses listed about, have a GPA of 2.50 or higher in my licensure content area, and pass all Praxis/Pearson tests required for my area of licensure before I am eligible to apply for Ohio teacher licensure.

---

Signature

---

Date