

EDUCATION, A.S.

Location(s): AL, AN, LO, MA, NOL, WO

NOVA Code: 625

Purpose

This curriculum prepares students to transfer to any four-year college or university teacher preparation program. Courses in this degree are designed to satisfy some of the endorsement and professional course requirements of a Virginia teaching license. In EDU 200 Foundations of Education, students will identify the endorsement (content) courses they need to earn a teaching license. Students should meet with a Teacher Education faculty member or Education Field Placement Coordinator and Advising Specialist to select the correct courses for their area of licensure. EDU 200 Foundations of Education and EDU 204 Teaching in a Diverse Society both require 20-hour field placements in a K-12 public school. Students will be required to complete a background check before being placed in the schools. Students with criminal records should consult with the Teacher Education Field Placement Coordinator before enrolling in the courses. Students are strongly encouraged to take the VCLA after completing ENG 111 College Composition I, ENG 112 College Composition II, Eng-literature course, and CST 100 Principles of Public Speaking or CST 110 Introduction to Human Communication.

This program is aligned with the Transfer Virginia common curriculum. Students are strongly encouraged to consult their academic advisor and review transfer options using the Transfer Virginia Portal, Where Can This Degree Transfer (<https://www.transfervirginia.org/degrees/0E2BD023E89911EEBFE30234F6702AD1/#:~:text=Where%20Can%20This%20Degree%20Transfer>).

Two Years

| Course | Title | Credits |
|--|-------------------------------------|-----------|
| 1st Semester | | |
| EDU 200 | Foundations of Education | 3 |
| ENG 111 | College Composition I | 3 |
| Physical or Life Science Elective w/Lab (p. 1) | | 4 |
| Select one of the following: ¹ | | 3 |
| MTH 154 | Quantitative Reasoning | |
| MTH 161 | PreCalculus I (or Higher) | |
| SDV 101 | Orientation to: | 1 |
| or SDV 100 | or College Success Skills | |
| Credits | | 14 |
| 2nd Semester | | |
| ENG 112 | College Composition II | 3 |
| HIS 121 | United States History to 1877 | 3 |
| or HIS 122 | or United States History Since 1865 | |
| Physical or Life Science Elective w/Lab (p. 1) | | 4 |
| Select one of the following: ^{1,2} | | 3 |
| MTH 155 | Statistical Reasoning | |
| MTH 245 | Statistics I | |
| Education Elective (p. 1) | | |
| PSY 230 | Developmental Psychology | 3 |
| or EDU 207 | or Human Growth and Development | |
| Credits | | 16 |
| 3rd Semester | | |
| EDU 204 | Teaching in a Diverse Society | 3 |
| Education Elective (p. 1) ² | | 3 |
| Select one of the following CST Electives: | | 3 |
| CST 100 | Principles of Public Speaking | |
| CST 110 | Introduction to Human Communication | |

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|--|---|-----------|
| Select one of the following ENG 2XX-Level Literature Electives: | | 3 |
| ENG 245 | British Literature | |
| ENG 246 | American Literature | |
| ENG 250 | Children's Literature | |
| ENG 255 | World Literature | |
| ENG 258 | African American Literature | |
| Select one of the following Social/Behavioral Sciences Electives: | | 3 |
| ECO 150 | Economic Essentials: Theory and Application | |
| ECO 201 | Principles of Macroeconomics | |
| ECO 202 | Principles of Microeconomics | |
| GEO 200 | Introduction to Physical Geography | |
| GEO 210 | People & the Land: Intro. to Cultural Geography | |
| GEO 220 | World Regional Geography | |
| PLS 135 | U.S. Government and Politics | |
| Credits | | 15 |
| 4th Semester | | |
| EDU 250 | Foundations of Exceptional Education | 3 |
| Education Elective (p. 1) ² | | 3 |
| Education Elective (p. 1) ² | | 3 |
| Education Elective (p. 1) ² | | 3 |
| Humanities/Fine Arts Elective (https://catalog.nvcc.edu/general-education-electives/#ge_hum_fa_elect) ³ | | 3 |
| Credits | | 15 |
| Total Credits | | 60 |

Electives should be chosen with the advice of an academic advisor to meet the requirements of the intended transfer institution.

- ¹ MTH 154 Quantitative Reasoning or MTH 161 PreCalculus I are preferred to meet the algebra requirement for elementary licensure in Virginia. Students are strongly advised to consult with the academic advisor/counselor in Teacher Education prior to making decisions regarding their academic pathway and carefully review and understand the specific requirements of their intended four-year Virginia institution to facilitate a smooth transition. Credit will not be awarded for both MTH 155 Statistical Reasoning and MTH 245 Statistics I, or for both MTH 261 Applied Calculus I and MTH 263 Calculus I, or for both MTH 262 Applied Calculus II and MTH 264 Calculus II.
- ² Please consult the list of electives in the table below and schedule a meeting with a Teacher Education Advisor.
- ³ Students must choose courses from the Art or Humanities area. Credit will not be awarded for taking two courses from the same area

Physical or Life Science Electives w/Lab

| Code | Title | Credits |
|---------|--------------------------------------|---------|
| BIO 101 | General Biology I | 4 |
| ENV 121 | Foundations of Environmental Science | 4 |
| GOL 105 | Physical Geology | 4 |
| GOL 106 | Historical Geology | 4 |
| CHM 101 | Introductory Chemistry I | 4 |
| PHY 100 | Elements of Physics | 4 |
| PHY 150 | Elements of Astronomy | 4 |

The second science should be a different discipline than the first.

Education Electives

Select the education elective based upon the requirements of the senior institution to which you plan to transfer. Please consult the list

of electives in the table below and schedule a meeting with a Teacher Education Advisor.

Elementary Education

| Code | Title | Credits |
|---|--|---------|
| HIS 101 | Western Civilizations Pre-1600 CE | 3 |
| HIS 102 | Western Civilizations Post-1600 CE | 3 |
| HIS 111 | World Civilizations Pre-1500 CE | 3 |
| HIS 112 | World Civilizations Post-1500 CE | 3 |
| HIS 121 | United States History to 1877 | 3 |
| HIS 122 | United States History Since 1865 | 3 |
| HIS 141 | African-American History I | 3 |
| HIS 281 | History of Virginia I | 3 |
| 101 - World Language or ASL (https://catalog.nvcc.edu/world-languages/#wl101) | | |
| 102 - World Language or ASL (https://catalog.nvcc.edu/world-languages/#wl102) | | |
| 201 - World Language or AS (https://catalog.nvcc.edu/world-languages/#wl201) | | |
| 202 - World Language or ASL (https://catalog.nvcc.edu/world-languages/#wl202) | | |
| EDU 206 | Classroom and Behavioral Management | 3 |
| EDU 270 | Introduction to Autism Spectrum Disorders | 3 |
| EDU 280 | Introduction to Instructional Technologies | 3 |
| A third Science or a third Math | | 3 |

Special Education

| Code | Title | Credits |
|---------|--|---------|
| ASL 101 | Beginning American Sign Language I | 4 |
| ASL 102 | Beginning American Sign Language II | 4 |
| ASL 201 | Intermediate American Sign Language I | 3 |
| ASL 202 | Intermediate American Sign Language II | 3 |
| ASL 125 | History of the U.S. Deaf Community | 3 |
| EDU 206 | Classroom and Behavioral Management | 3 |
| EDU 270 | Introduction to Autism Spectrum Disorders | 3 |
| EDU 280 | Introduction to Instructional Technologies | 3 |

Secondary Education - Math

| Code | Title | Credits |
|---------|---|---------|
| MTH 245 | Statistics I | 3 |
| MTH 263 | Calculus I | 4 |
| MTH 264 | Calculus II | 4 |
| MTH 265 | Calculus III | 4 |
| MTH 266 | Linear Algebra | 3 |
| MTH 288 | Discrete Mathematics | 3 |
| CSC 221 | Introduction to Problem Solving and Programming | 3 |

Secondary Education - English

| Code | Title | Credits |
|------------------|---------------------|---------|
| World Lit | | |
| ENG 255 | World Literature | 3 |
| British | | |
| ENG 245 | British Literature | 3 |
| American | | |
| ENG 246 | American Literature | 3 |

Creative Writing

| | | |
|---------|------------------------------|---|
| ENG 211 | Creative Writing I | 3 |
| ENG 212 | Creative Writing II | 3 |
| ENG 215 | Creative Writing - Fiction I | 3 |
| ENG 217 | Creative Writing - Poetry I | 3 |
| ENG 219 | Creative Writing - Drama | 3 |

Other Elective Options

| | | |
|---------|-----------------------------|---|
| ENG 200 | Introduction to Linguistics | 3 |
| ENG 210 | Advanced Composition | 3 |

Secondary Education - Science

| Code | Title | Credits |
|-----------------------------|--|---------|
| BIO 101 & BIO 102 | General Biology I and General Biology II | 8 |
| CHM 111 & CHM 112 | General Chemistry I and General Chemistry II | 8 |
| CHM 241 & CHM 245 | Organic Chemistry I and Organic Chemistry I Laboratory | 5 |
| CHM 242 & CHM 246 | Organic Chemistry II and Organic Chemistry II Laboratory | 5 |
| MTH 161 & MTH 162 & MTH 167 | PreCalculus I and PreCalculus II and PreCalculus with Trigonometry | 11 |
| MTH 263 | Calculus I | 4 |
| MTH 264 | Calculus II | 4 |
| MTH 265 | Calculus III | 4 |
| MTH 155/245 | Statistical Reasoning | 3 |
| PHY 201 & PHY 202 | General College Physics I and General College Physics II | 8 |
| PHY 241 & PHY 242 | University Physics I and University Physics II | 8 |
| GOL 110 | Earth Systems: An Environmental Geology Perspective | 4 |
| GOL 105 | Physical Geology | 4 |
| GOL 106 | Historical Geology | 4 |
| ENV 121 & ENV 122 | Foundations of Environmental Science and Applications in Environmental Science | 8 |
| GEO 200 | Introduction to Physical Geography | 3 |

Secondary Education - Social Science

| Code | Title | Credits |
|-------------------|--|---------|
| HIS 121 & HIS 122 | United States History to 1877 and United States History Since 1865 | 6 |
| HIS 101 & HIS 102 | Western Civilizations Pre-1600 CE and Western Civilizations Post-1600 CE | 6 |
| HIS 111 & HIS 112 | World Civilizations Pre-1500 CE and World Civilizations Post-1500 CE | 6 |
| PLS 135 & PLS 136 | U.S. Government and Politics and State and Local Government and Politics | 6 |
| PLS 140 | Introduction to Comparative Politics | 3 |
| GEO 210 | People & the Land: Intro. to Cultural Geography | 3 |
| ECO 150 | Economic Essentials: Theory and Application | 3 |
| ECO 201 | Principles of Macroeconomics | 3 |
| ECO 202 | Principles of Microeconomics | 3 |

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|---------|--------------------------|---|
| REL 230 | Religions of the World | 3 |
| PSY 200 | Principles of Psychology | 3 |

Secondary Education Engineering

| Code | Title | Credits |
|-------------------|--|---------|
| EGR 125 | Introduction to Computer Programming for Engineers | 4 |
| EGR 121 & EGR 122 | Foundations of Engineering and Engineering Design | 5 |
| EGR 240 | Statics | 3 |
| CHM 111 & CHM 112 | General Chemistry I and General Chemistry II | 8 |
| MTH 263 & MTH 264 | Calculus I and Calculus II | 8 |
| PHY 201 | General College Physics I | 4 |
| BIO 101 & BIO 102 | General Biology I and General Biology II | 8 |
| MTH 245 | Statistics I | 3 |

K-12 Teaching - Art

| Code | Title | Credits |
|---------|---------------------------------------|---------|
| ART 101 | History of Art: Prehistoric to Gothic | 3 |
| ART 102 | History of Art: Renaissance to Modern | 3 |
| ART 121 | Foundations of Drawing | 3 |
| ART 223 | Life Drawing | 3 |
| ART 131 | Two-Dimensional Design | 3 |
| ART 132 | Three-Dimensional Design | 3 |

K-12 Teaching - World Language

| Code | Title | Credits |
|---|-------|---------|
| 101 - World Language or ASL (https://catalog.nvcc.edu/world-languages/#wl101) | | |
| 102 - World Language or ASL (https://catalog.nvcc.edu/world-languages/#wl102) | | |
| 201 - World Language or AS (https://catalog.nvcc.edu/world-languages/#wl201) | | |
| 202 - World Language or ASL (https://catalog.nvcc.edu/world-languages/#wl202) | | |

K-12 Teaching - Physical Education

| Code | Title | Credits |
|---------|---------------------------------|---------|
| HLT 206 | Introduction to Kinesiology | 3 |
| HLT 230 | Principles of Nutrition | 3 |
| HLT 110 | Personal and Community Health | 3 |
| BIO 101 | General Biology I | 4 |
| BIO 102 | General Biology II | 4 |
| BIO 141 | Human Anatomy And Physiology I | 4 |
| BIO 142 | Human Anatomy and Physiology II | 4 |

K-12 Teaching - Music

| Code | Title | Credits |
|---------|--|---------|
| MUS 111 | Music Theory I | 4 |
| MUS 112 | Music Theory II | 4 |
| MUS 121 | Music in Society | 3 |
| MUS 221 | History of Western Music pre-1750 | 3 |
| MUS 222 | History of Western Music 1750 to Present | 3 |

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|---------|----------------------------|---|
| MUS 145 | Applied Music - Keyboard | 1 |
| MUS 155 | Applied Music - Woodwinds | 1 |
| MUS 165 | Applied Music - Strings | 1 |
| MUS 185 | Applied Music - Percussion | 1 |
| MUS 211 | Advanced Music Theory I | 4 |
| MUS 212 | Advanced Music Theory II | 4 |
| MUS 241 | Advanced Class Piano I | 2 |

K-12 Teaching - Theater

| Code | Title | Credits |
|---------|-------------------|---------|
| CST 131 | Acting I | 3 |
| CST 136 | Theatre Workshop | 1 |
| CST 145 | Technical Theatre | 3 |