

Teachers do more than just teach. In every subject, at every grade level, and in every administrative duty, teachers rise to the continual challenge of helping students make learning their own passion as they expand their knowledge and refine their skills.

Get ready to change the world one student at a time.

*“We never forget our best teachers—those who imbued us with a deeper understanding or an enduring passion, the ones we come back to visit years after graduating, the educators who opened doors and altered the course of our lives.”*

(Time Magazine Feb. 25, 2008  
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# Education

Bachelor of Science Degree with a major in Education



Early Childhood Education major/Autism minor  
Sarah Hornish in San Mateo, Belize, teaching  
reading literacy.

## Majors Leading to Teacher Licensure

### Early Childhood Education (age 3 through grade 3)

### Middle Childhood Education (grades 4 through 9)

Specialization in two content areas:

- Reading/Language Arts
- Mathematics
- Science
- Social Studies

### Adolescent and Young Adult Education

(grades 7 through 12)

Integrated Language Arts

*(valid for teaching reading, English, speech and journalism)*

Integrated Mathematics

Integrated Social Studies

*(valid for teaching history, political science, geography, psychology/sociology, and economics)*

Life Science

*(valid for teaching biology and the life sciences)*

Life Science and Chemistry

*(valid for teaching the life sciences and chemistry)*

### Multi-Age Education (age 3 through grade 12)

Concentration in at least one of the following:

- Health
- Physical Education
- Visual Arts

## A Rich Heritage

Defiance College has a rich teacher education heritage. For more than 100 years, the College has prepared and graduated teachers who not only teach, but also become principals and superintendents. The success of Defiance College education graduates rests in part on the rapport established with area schools and the caring, personal attention given to each student by the experienced faculty. In addition to exceeding state minimum requirements, the program has many other strengths that help education students become excellent teachers.

*“I like the fact that I am able to build personal relationships with my professors at Defiance College. Within my major, I tend to have the same professors for a number of classes, so over time you naturally get to know each other better which makes classes more enjoyable. They are always willing to meet with you and discuss any problems or give you advice about any concerns that you might be having.*

*Traveling with the McMaster School to Belize was an experience that I'll never forget. I normally wouldn't get the chance to travel internationally, so when the opportunity arose I couldn't pass it up. The trip was very beneficial to me in more ways than I can describe, but some of them include gaining teaching experience, working within a different culture, and making me realize not to take things in life for granted.”*

Tyler Thomas  
Integrated Math Education Major



# The Faculty

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Additionally, part-time instructors may teach specialized courses.

## About the Education Majors

The objective of DC's education faculty is to prepare students to become effective teachers. The curriculum provides the student with opportunities to learn both the theoretical and practical aspects of teaching. Since the Ohio Department of Education periodically changes teacher licensure requirements, the College reserves the right to modify its programs and requirements to meet changing state standards. The professional courses and the teaching fields outlined in this publication will meet the current state standards for teacher licensure in Ohio.

The preparation includes both theoretical foundation and practical application. The chosen area of concentration provides depth, and the liberal arts and science courses provide a broad background. Field experiences in schools, an important part of the program, begin as early as the second semester of the freshman year, continue through a variety of classroom settings, and culminate in a supervised student teaching experience during the senior year. Studies in teaching diverse student populations are part of the program.



Teacher education majors gain valuable classroom experience throughout their degree program.

*"At Defiance, students will have a four-year, active learning experience that blends theory into practice. That means having faculty who won't just lecture. It means opportunities for research projects and chances to study abroad. And it means learning the complex critical-thinking skills that are at the heart of what students need to live in today's society."*

Dr. Jo Ann Burkhardt  
Associate Professor of Education



## Field Experiences

Defiance College is fortunate to have developed a sound rapport with area schools. This type of partnership provides excellent opportunities for DC students to receive "hands-on" experience under the guidance of highly qualified school teachers and/or coaches. These field experiences are an important part of the instructional program, and they culminate with a supervised student teaching experience. These experiences will be provided through opportunities in the classroom or gymnasium activities as well as through local coaching experiences.

# Early Childhood Education Licensure

## Want to teach where it all begins?

Young children ask a bazillion questions, hold hands, work at sharing toys and taking turns. They learn to write their names and tie their shoes. They learn to read, to add and subtract. Some struggle with zipping their coats but are miles ahead with language. Some seem born to play soccer but can't sit still at circle time. Some operate easily within the educational system. Others are at risk for falling through the system's cracks. Each child is different, uniquely gifted and challenged.

At Defiance College, early childhood education majors see potential in the very youngest for growth and development, value quirks and differences, and desire for each child a way to live and learn in the world to the best of their abilities. They know that developing the skills of three-year-olds through third-graders requires problem solving and collaboration, listening and innovation.

- ED 201 Phonics
- ED 202 Instructional Technology
- ED 203 Becoming a Professional I
- ED 204 Becoming a Professional: Praxis Study
- ED 217 Principles of Math: ECE
- ED 218 Social Studies Content: K-Grade 3
- ED 221 Foundations of American Public Education
- ED 228 Education of Exceptional Children
- ED 229 Educational Psychology
- ED 230 Principles of Early Childhood Education
- ED 231 Curriculum and Practices of Early Childhood
- ED 232 Early Childhood Practicum I
- ED 233 Phonics and Emergent Literacy
- ED 234 Early Childhood Practicum II
- ED 235 Expressive Arts
- ED 237 Children's Literature
- ED 238 HPE for Classroom Teacher
- ED 305 Becoming a Professional III
- ED 330 Reading and Math Field Experience
- ED 332 Math Methods
- ED 333 Science Methods
- ED 334 Social Studies Methods
- ED 335 Integrated Reading/Language Arts Methods: Early Childhood
- ED 336 Reading Diagnosis and Remediation with Early Childhood Practicum
- ED 338 Integrated Practicum
- ED 430 Assessment of Young and Atypical Children
- ED 432 Family and Community Relationships
- ED 433 Internship in Early Childhood
- ED 498 Internship Seminar
- ES 234 Community First Aid and CPR
- PY 225 Infancy and Childhood

## Middle Childhood Licensure

*Students must select two content specializations.*

### Everybody knows about middle childhood students.

They know a lot. They make sure others know they know a lot. They have so much still to learn.

At Defiance College, middle childhood education majors get energized about helping fourth through ninth grade students deepen their subject knowledge and broaden their understanding of the world.

Out of four content areas (Reading/Language Arts, Mathematics, Science, and Social Studies), middle childhood education majors choose two for specialization, then learn to make these subjects come alive, opening up worlds upon worlds of possibilities for their students.

Get ready for students who know a lot. Get ready to teach them more.

Corynne Long shares teaching strategies with school principals in Cambodia.



### Core Education Courses

- ED 201 Phonics
- ED 202 Instructional Technology
- ED 221 Foundations of American Public Education
- ED 228 Education of Exceptional Children
- ED 229 Educational Psychology
- ED 243 Foundations and Survey of Reading and Phonics
- ED 339 Middle Childhood Field Experience
- ED 340 Principles and Practices of Middle Childhood Education
- ED 345 Integrated Reading/Language Arts Methods: Middle School
- ED 346 Reading Diagnosis and Remediation with Middle School Practicum
- ED 348 Reading Diagnosis Practicum
- ED 349 Advanced Methods Practicum
- ED 410 Advanced Methods Seminar
- ED 448 Middle Childhood Internship
- ED 498 Internship Seminar
- ES 234 Community First Aid and CPR
- PY 227 Adolescence and Adulthood

**In addition, choose two content specializations:** *(Courses marked with an \* meet a general education requirement)*

#### Reading/Language Arts

- AH 110 Writing the Self in Culture\*
- CA 111 Fundamentals of Oral Communication\*
- CA 311 Critical Public Address
- ED 341 Adolescent Literature
- EN 260 Language Structure
- EN 270 Advanced Composition
- EN 325 Postcolonial Literature
- EN 345 American Literature

#### Mathematics

- ED 320 Principles of Middle Childhood Math
- ED 342 Teaching Mathematics in Middle School
- MA 106 Pre-Calculus Mathematics
- MA 115 Principles of Geometry
- MA 201 Analytical Geometry and Calculus I
- MA 300 History of Mathematics
- MA 301 Linear Algebra
- MA 305 Discrete Mathematical Structures
- MA 306 Probability and Statistics

#### Science

- BI 120 Principles of Biology I
  - BI 129 Principles of Biology II
  - BI 320 Ecology
  - CH 123 General Chemistry I
  - ED 343 Teaching Science in Middle School
  - PH 100 Physical Science
  - PH 202 Introduction to Geology
- \*one biology and one physical science meet general education requirement.

#### Social Studies

- AH 110 Writing the Self in Culture\*
- AH 220 Global Civilization\*
- EC 205 Macroeconomics
- ED 344 Teaching Social Studies in Middle School
- GE 232 World Geography
- HI 201 US History to 1877
- HI 205 20th Century World History
- HI 207 Ages of Empires
- HI 345 Ohio Area
- PY 110 Introduction to Psychology\*
- PY 227 Adolescence and Adulthood
- SO 120 Life in Society\*

# Adolescent To Young Adult Licensure (Grades 7-12)

**When students reach seventh grade, they shift from talking about one or two teachers to a whole host of them.**

English teacher Mrs. X makes Macbeth come alive. Biology teacher Mr. Y dissects a fetal pig to show how the circulatory system works. Geometry teacher Ms. Z proves that her passion for theorems and isosceles triangles can be infectious. History teacher Mr. Q uncovers the origins of the wars they see on the news.

At Defiance College, education majors working towards adolescent and young adult licensure take the subject they most love and learn to teach it well. As adolescents become distinct individuals with specialized interests, their teachers work within their own specialized fields to prepare them not only for college or employment, but for the complexities of living in the world.

Teachers who teach what they love change the world for their students. Be one.

*Besides the individual content courses for each licensure for Adolescent to Young Adult Programs, all students must take Core Education Courses.*

## Core Education Courses

ED 202	Instructional Technology
ED 221	Foundations of American Public Education
ED 228	Education of Exceptional Children
ED 229	Educational Psychology
ED 347	Reading in the Content Field
ED 370	Teaching Secondary Students
ED 371	Secondary Field Experience
ED 410	Advanced Methods Seminar
ED 497	Advanced Field Experience
ED 458	Student Teaching in Secondary Schools (7-12)
ED 498	Internship Seminar
ES 234	Community First Aid and CPR
PY 227	Adolescence and Adulthood

## Licensure to Teach Integrated Mathematics

*(valid for teaching mathematics)*

MA 201	Analytic Geometry and Calculus I
MA 202	Analytic Geometry and Calculus II
MA 203	Analytic Geometry and Calculus III
MA 300	History of Mathematics
MA 301	Linear Algebra
MA 302	Modern Abstract Algebra
MA 304	Modern Geometry
MA 305	Discrete Mathematical Structures
MA 306	Probability and Statistics
MA 420	Real Analysis
MA 490	Senior Capstone Project
ED 352	Mathematics Methods: Grades 7 – 12

## Licensure to Teach Integrated Language Arts

*(valid for teaching reading, English, speech and journalism)*

CA 130	Introduction to Film
CA 311	Critical Public Address
CA 345	Media and Cultural Criticism
ED 201	Phonics
ED 243	Phonics and the Foundation of Reading
ED 341	Middle and Adolescent Literature
ED 346	Reading Diagnosis and Remediation: Middle Childhood
ED 355	Integrated Reading/Language Arts Methods
EN 260	Language Structure
EN 270	Advanced Composition
EN 275	Creative Writing
EN 290	Introduction to Language and Literary Criticism
EN 325	Postcolonial Literature
EN 335	Shakespeare
EN 345	American Literature
EN 355	British Literature

## Licensure to Teach Life Science

*(valid for teaching biology and the life sciences)*

BI 120	Principles of Biology I
BI 129	Principles of Biology II
BI 250	Field Zoology
BI 270	Field Botany
BI 320	Ecology
BI 357	Comparative Vertebrate Anatomy
BI 420	Restoration Ecology I
BI 480	Genetics
CH 123	General Chemistry I
CH 124	General Chemistry II
MA 106	Pre-Calculus Math
NS 198	Natural Science Seminar
NS 499	Senior Capstone Project
PH 202	Introduction to Geology
PH 210	General Physics I
PY 230	Behavioral Statistics
ED 353	Science Methods: Grades 7 – 12

## Licensure to Teach Integrated Social Studies

*(valid for teaching history, political science, geography, psychology/ sociology, and economics)*

EC 201	Microeconomics
EC 205	Macroeconomics
GE 231	Geography of the Americas
GE 232	World Geography
HI 201	US History to 1877
HI 202	US History from 1877
HI 204	Europe: Italian Renaissance to the Present
HI 205	The 20th Century World
HI 340	History of the Middle East, HI 350 History of Asia <i>or</i>
HI 345	Ohio Area
HI 398	Historical Methods and Public History
HI 498	Senior Capstone Experience
PS 237	American Government and Politics
PY 110	Introduction to Psychology
PY 227	Adolescence and Adulthood
SO 120	Life in Society
SO 235	Social Problems
ED 354	Social Studies Methods: Grades 7 – 12

One elective selected from Integrated Social Studies core courses

## Licensure to Teach Life Science and Chemistry

*(valid for teaching the life sciences and chemistry)*

BI 120	Principles of Biology I
BI 129	Principles of Biology II
BI 250	Field Zoology
BI 270	Field Botany
BI 357	Comparative Vertebrate Anatomy
BI 480	Genetics
CH 123	General Chemistry I
CH 124	General Chemistry II
CH 233	Organic Chemistry I
CH 234	Organic Chemistry II
CH 368	Biochemistry I
CH 455	Quantitative Analysis
MA 106	Pre-Calculus Math
NS 198	Natural Science Seminar
NS 499	Senior Capstone Project
PH 202	Introduction to Geology
PH 210	General Physics I
PY 230	Behavioral Statistics
ED 353	Science Methods: Grades 7 - 12

# Multi-Age Licensure Programs (Age 3 through Grade 12)

**At Defiance College, multi-age education majors take something they love and learn creative ways to teach it to a wide age range of students, using innovation and creativity to teach age-appropriate knowledge and skills.**

Health teachers believe that teaching children to care about their bodies—what they eat, how they exercise, whether they smoke—will have a life-long impact.

P.E. teachers know that all children, regardless of age, benefit from moving their bodies in a multitude of ways.

Art teachers understand why all children need to create with their minds and hands, knowing that the arts are not a disposable part of education.

*Besides the individual content courses for each licensure for Multi-Age Programs, all students must take Core Education Courses.*

## Core Education Courses

ED 202	Instructional Technology
ED 221	Foundations of American Public Education
ED 228	Education of Exceptional Children
ED 229	Educational Psychology
ED 347	Reading in the Content Field
ED 370	Teaching Secondary Students
ED 410	Advanced Methods Seminar
ED 468	Internship in Pre-K to Grade 12
ED 497	Advanced Field Experience
ED 498	Internship Seminar
ES 234	Community First Aid and CPR
PY 225	Infancy and Childhood
PY 227	Adolescence and Adulthood

### Licensure to Teach Health Education

BI 229	Essentials of Anatomy & Physiology I
ES 121	Foundations of Health, Physical Education, and Sport
ES 125	Personal and Community Health
ES 256	Evaluation and Measurement in Health and Physical Education
ES 330	Pharmacology
ES 340	Nutrition
ES 355	Exercise Physiology
ES 481	Organization and Administration of Health, Physical Education, and Sport
HE 177	School Health, Safety and Services
HE 376	School Health Instruction for Middle School
PE 222	Pre-K to Grade 3 Field Placement
PE 224	Health and Physical Activity for Pre-K to Grade 3
WE 390	Wellness Program Implementation

### Licensure to Teach Physical Education

BI 229	Essentials of Anatomy and Physiology I
ES 121	Foundations of Health, Physical Education, and Sport
ES 256	Evaluation and Measurement in Health and Physical Education
ES 355	Exercise Physiology
ES 356	Kinesiology and Biomechanics
ES 481	Organization and Administration of Health, Physical Education and Sport
PE 117	Secondary School Activities
PE 222	Pre-K to Grade 3 Field Placement
PE 224	Health and Physical Activities for Pre-K to Grade 3
PE 259	Adapted Physical Education, Recreation and Sport
PE 260	Physical Education in Grades 4-8
PE 317	Secondary Physical Education Methods
PE 358	Motor Learning & Movement Education
PE 361	Principles of Coaching
<b>one coaching methods course chosen from:</b>	
PE 362	Methods in Coaching Track
PE 363	Methods in Coaching Basketball
PE 364	Methods in Coaching Softball
PE 365	Methods in Coaching Baseball
PE 366	Methods in Coaching Football
PE 367	Methods in Coaching Volleyball
PE 368	Practical Application in Coaching

### Licensure to Teach Visual Arts

AR 111	Color and Design I
AR 112	Color and Design II
AR 221	Drawing
AR 222	Introduction to Painting
AR 233	Ceramics
AR 236	Photography
AR 237	Art History I
AR 238	Art History II
AR 240	Life Drawing
AR 332	Sculpture
AR 367	Printmaking
AR 373	History of American Art
GD115	Graphic Design Principles
<b>six hours of electives chosen from:</b>	
AR 321	Advanced Drawing
AR 322	Advanced Painting
AR 333	Advanced Ceramics
GD 214	Basic Computer Design
GD 215	Intermediate Graphic Design
GD 315	Advanced Graphic Design

### Plus:

ED 339	Middle Childhood Field Experience
ED 340	Principles and Practices of Middle Childhood Education <i>or</i>
ED 360	Art Methods (Pre K-12)
ED 370	Teaching Secondary Students <i>and</i>
ED 371	Secondary Practicum
ED 497	Advanced Field Experience



Health and Physical Education majors teach youth in a Methods Class: Health and Physical Activity for Pre-K through Grade 3.

## Education Accreditation

The Teacher Education Program has been reviewed and approved by the Ohio Department of Education using the teaching education standards by the National Council of Accreditation of Teacher Education.

## Minor in Autism Studies

The Hench Autism Studies Program is designed to educate students about the unique needs of persons with autism and their families. Additionally, students receive training on effective strategies for successful integration of persons with autism into education, vocational, family and community settings. Students are encouraged to apply these strategies in a supervised practicum setting. The minor in Autism Studies may be combined with any major.

- HA 110 Introduction to Autism Spectrum Disorders and Developmental Disabilities
- PY 110 Introduction to Psychology
- PY 225 Infancy and Childhood *or*
- PY 227 Adolescence and Adulthood
- HA 210 Behavior Management and Self-Determination
- HA 250 Families and Communities
- HA 390 Behavior Intervention Practicum



Hench Program  
Students Art  
Show 2010



*“My classroom and field experiences at Defiance College prepared me for my career in teaching. Going into my first year of teaching at Continental Middle School I was confident in my abilities. This is because my professors challenged me, but they were also helpful with content and teaching methods. I could not imagine a better place to receive my degree in education.”*

Jaaci Bergman  
Integrated Language Arts Education

## Report on the Quality of Teacher Education

As part of the Title II Higher Education Act, all colleges and universities with teacher preparation programs where students receive federal assistance under Title IV of that act must report assessment data on their teacher education “program completers.” Program Completer refers to anyone who completes all requirements for any of the approved teacher education programs. This year’s data is based on a group of 36 students who completed programs during the 2009-2010 school year. The overall pass rate for these students on state required tests was 100%. The students in this group who completed the programs in Early Childhood Licensure, Middle Childhood Licensure, Adolescent and Young Adult Licensure and Pre K–12 Multi-Age Licensure Programs had a pass rate on state required tests of 100%. Those students were required to pass (1) the state-required content test prior to their student teaching/internship and (2) the state-required test on teaching principles before applying for licensure.

*Defiance College admits students regardless of race, color, creed, sex, national or ethnic origin, disability, or sexual orientation. 6/11*

## After College - What’s Next?

Defiance College graduates are very successful, both in the classroom and in administrative roles. A high percentage of classrooms in northwest Ohio schools are staffed by well-trained Defiance College graduates, but our graduates are often sought by school districts from many parts of the country. Graduates have also been selected into the Teach for America program. With additional training, many graduates also work as principals, superintendents, and in specialty positions such as guidance counselors and program coordinators. Educators who have already completed their baccalaureate degree may choose to enroll in Defiance College’s Master of Arts in Education program.

## Master of Arts in Education

Defiance College also offers graduate programs in education:

- Master of Arts in Education
- Master of Arts in Education/Adolescent and Young Adult Licensure
- Master of Arts in Education with Coaching Concentrations
- Master of Arts in Education/Intervention Specialist
- Master of Arts in Education with Ohio Reading Endorsement

Teacher leadership, the theme of the program, is implemented through four goals: (1) Teacher leaders will model effective planning and delivery of instruction; (2) Teacher leaders will engage students in learning and accurately evaluating the students’ performance; (3) Teacher leaders will be committed to collaborative faculty improvement through mentoring and coaching; and (4) Teacher leaders will demonstrate the use of scientifically-based research to solve classroom and school problems. Evening and summer classes are available. Contact the Center for Adult and Graduate Programs at Defiance College for more information.

## Come for a Visit!

A campus visit is the best way to find out how Defiance College defies the ordinary college experience. We’ll arrange for you to meet with an admissions counselor, professors, coaches, students, and learn about scholarship and financial aid opportunities. You can sit in on a class, tour campus, and stay overnight if you wish. Call our Office of Admissions at 419-783-2359 or 1-800-520-GO DC to set up your appointment.