

Career and Technical Education (CATE)

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The program in Career and Technical Education offers a degree program leading to a Bachelor of Science in Education for the preparation of teachers, supervisors, and administrators in career and technical education. Students must choose one of three concentrations, each of which leads to teacher licensure:

- The concentration in Business Education offers on-campus students the chance to become effective educators and communicators as they learn to teach the latest computer technologies and subject matter focused on the core areas of business. The concentration provides rigorous and intellectually stimulating programs that offer students a broad variety of professional careers in business education and technology.
- The concentration in Family and Consumer Sciences Education offers on-campus students the ability to learn critical and creative thinking skills through a variety of courses including parenting and human development; family studies; nutrition and foods; textiles and apparel production; and housing and design. The diverse curriculum offers studies that mirror real life, enabling students in this concentration to develop both personal and professional skills.
- The concentration in Technology Education prepares students to teach technology, pre-engineering, or other technical subject matter at the high school, middle-level, or community college. Additionally, the program prepares students to enter mid-level technical/management careers in business and industry.

Admission to the B.S.E. in Career and Technical Education is competitive and admission will be determined by the Career and Education faculty based on the items listed with the concentration requirements. Students seeking admission to the Career and Technical Education program at the University of Arkansas must be aware of the deadlines and admissions policies. These deadlines and limitations are designed to ensure that all students have a high quality experience.

The University of Arkansas program in career and technical education has been approved by the State Board for Career and Technical Education for the preparation of teachers, supervisors, and administrators in career and technical education.

Requirements for B.S.E. in Career and Technical Education with Business Education Concentration

Stage I: Pre-Admission

1. Obtain a GPA of 2.7 or better on UA coursework.
2. Complete technical courses with a grade of "C" or better.
3. Complete pre-education core courses with a grade of "C" or better.
4. Obtain a passing score on the Math, Reading, and Writing sections of the Praxis Core or ACT as defined by the Arkansas Department of Education.

5. Complete CATE 3103 during the fall semester of the sophomore year.

Stage II: Admission to the CATE Program

Admission to the Career and Technical Education (CATE) program occurs the semester after that the candidate has completed CATE 3103 Introduction to Professionalism.

The application process includes:

1. Submission of the application to teacher education through the university-wide Teacher Education Office (see the Teacher Education Application Fee) during spring semester of sophomore year. This includes:
 - Completing and passing the criminal background check
 - Passing the Praxis I core academic subjects test by meeting or exceeding the Arkansas Department of Education cut-off scores. This test should be taken upon completion of ENGL 1013 (<http://catalog.uark.edu/search/?P=ENGL%201013>), and required math for each CATE concentration area.
2. Submission of the CATE application.
3. Oral interview with CATE faculty.
4. Submission of writing sample.

*Note: Another background check will be required prior to graduation in order to be eligible for licensure.

Stage III: Requirements for Program Continuation

1. Maintain a cumulative GPA of 2.7 or better.
2. Complete or present proof of registration for the Praxis II Content exam required by the Arkansas Department of Education Licensure area.
3. All professional education courses must have a grade "C" or better. No teaching methods courses may be taken as self-paced (correspondence).

Admission Requirements for Internship Semester (Spring, Senior Year)

All students in the Career and Technology Education program must complete the following requirements before being admitted to the spring semester of their senior year.

General Requirements

1. Students must complete the application to teacher education through the Teacher Education Office (see the Teacher Education Application Fee) during spring semester of sophomore year. This includes completing and passing the criminal background check, and also passing the Praxis I core academic subjects test by meeting or exceeding the Arkansas Department of Education cut-off scores. This test should be taken upon completion of ENGL 1013, and required math for each concentration.
2. All professional education courses must have a grade of "C" or better. No teaching methods courses may be taken by as self-paced (correspondence) courses. CATE 3103, CATE 4013, CATE 4023, and CATE 4033 are fall-only courses. CATE 4052 and CATE 406X are spring-only courses. All technical courses must be completed prior to the student teaching semester.

- Earn a cumulative GPA of 2.70 or better by the end of the fall semester, senior year. Students are not permitted to student teach if the GPA requirement is not met.
- Students must have passed Praxis II: Content Knowledge to be admitted to the spring semester, senior year.
- Candidate must complete a successful "internship admission interview" with Career and Technical Education faculty. Note these interviews are scheduled with all senior students during the fall semester.
- Satisfactorily complete the internship/student teaching experience at a school/district in Benton or Washington County that has been approved by the Field Experience Coordinator.

All students seeking licensure in the State of Arkansas are subject to a criminal background check. Background checks can take up to six months to process; therefore, students are advised to complete and submit the forms to the proper authorities at least six months in advance of graduation (or six months prior to applying for a teaching license). Arkansas will not grant a teaching license to anyone who has been convicted of a felony.

All CATE program courses must have a grade of "C" or better. No teaching methods courses may be taken as self-paced (correspondence) courses.

I. University Core Requirements 35

Required University Core for Career & Technical Education

PSYC 2003 General Psychology (ACTS Equivalency = PSYC 1103)

Recommended for Business Education concentration

ECON 2013 Principles of Macroeconomics (ACTS Equivalency = ECON 2103)

ECON 2023 Principles of Microeconomics (ACTS Equivalency = ECON 2203)

MATH 2053 Finite Mathematics

II. Professional Education 35

CIED 1013 Introduction to Education

CIED 3023 Survey of Exceptionalities
or CIED 402 Teaching in Inclusive Secondary Settings

CIED 3033 Classroom Learning Theory

CATE 3103 Introduction to Professionalism

CATE 4013 Teaching Strategies

CATE 4023 Classroom Management

CATE 4033 Assessment / Program Evaluation

CATE 4052 Seminar Teaching Internship

CATE 406X Teaching Internship

III. Technical Requirements 21

ACCT 2013 Accounting Principles

BLAW 2013 The Legal Environment of Business (ACTS Equivalency = BLAW 2003)

ACCT 2023 Accounting Principles II

MKTG 3433 Introduction to Marketing

WCOB 1033 Data Analysis and Interpretation

CATE 4803 Problems in Career & Technical Education (Word Processing)

COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003)

IV. Electives 29

Recommended courses for Business Education - 3 hours must be Upper Level on-campus enrollment

ISYS 1120 Computer Competency Requirement
or ISYS 112: Business Application Knowledge - Computer Competency

MATH 1203 College Algebra (ACTS Equivalency = MATH 1103) (if required, see adviser)

CIED 1003 Introduction to Technology in Education

CATE 4073 Introduction to Teaching Programming in the Secondary Schools

CATE 5463 Applications in Career Orientation

Total Hours 120

Career and Technical Education B.S.E. with Business Education Concentration Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan in Career and Technical Education (teaching option) with a concentration in Business Education should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy/>) in the Academic Regulations chapter for university requirements of the program.

First Year	Units	
	Fall	Spring
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)	3	
MATH 2053 Finite Mathematics (Satisfies General Education Outcome 2.1)	3	
COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003) (Satisfies General Education Outcomes 1.2 and 5.1)	3	
ISYS 1120 Computer Competency Requirement	0	
CIED 1013 Introduction to Education	3	
Elective	0-3	
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)		3
Fine Arts or Humanities State Minimum Core (Satisfies General Education Outcome 3.1 or 3.2) ¹		3
U.S. History or Government State Minimum Core ¹		3
PSYC 2003 General Psychology (ACTS Equivalency = PSYC 1103) (Satisfies General Education Outcome 3.3) ¹		3
ECON 2013 Principles of Macroeconomics (ACTS Equivalency = ECON 2103) (Satisfies General Education Outcome 3.3)		3
Year Total:	15	15

Second Year	Units	
	Fall	Spring
ECON 2023 Principles of Microeconomics (ACTS Equivalency = ECON 2203) (Satisfies General Education Outcome 3.3)	3	

BLAW 2013 The Legal Environment of Business (ACTS Equivalency = BLAW 2003)	3	
Science with Lab State Minimum Core (Satisfies General Education Outcome 3.4) ¹	4	
Fine Arts or Humanities State Minimum Core (Satisfies General Education Outcome 3.1 or 3.2) ¹	3	
ACCT 2013 Accounting Principles		3
WCOB 1033 Data Analysis and Interpretation		3
Electives		9-10
Year Total:	13	16

Third Year	Units	
	Fall	Spring
ACCT 2023 Accounting Principles II	3	
CIED 3023 Survey of Exceptionalities or CIED 4023 Teaching in Inclusive Secondary Settings	3	
CIED 3033 Classroom Learning Theory	3	
Upper Level Elective	3	
Science with Lab State Minimum Core (Satisfies General Education Outcome 3.4) ¹	4	
Any 3 Credit hour Marketing Course		3
CATE 4803 Problems in Career & Technical Education		3
Electives		9
Year Total:	16	15

Fourth Year	Units	
	Fall	Spring
CATE 3103 Introduction to Professionalism (Satisfies General Education Outcomes 4.1, 4.2, and 5.1)	3	
CATE 4013 Teaching Strategies (Satisfies General Education Outcome 1.2)	3	
CATE 4023 Classroom Management	3	
CATE 4033 Assessment / Program Evaluation	3	
Electives	4	
CATE 4052 Seminar Teaching Internship		2
CATE 406X Teaching Internship (Satisfies General Education Outcomes 1.2 and 6.1)		12
Year Total:	16	14

Total Units in Sequence: 120

¹ Students must complete the State Minimum Core requirements (<https://nam03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fnextcatalog.uark.edu%2Fundergraduatecatalog%2Fgened%2Fstateminimum%2F&data=02%7C01%7Cagriffin%40uark.edu%7Ce4e632415f9b49eda9bf08d7f5c20b91%7C79c742c4e61c4fa5be89a3cb566%2F1XG8924jwOx8pTlw8IWNAGp0s%3D&reserved=0>) as outlined in the Catalog of Studies. The courses that meet the state minimum core also fulfill many of the university's General Education requirements (<https://nam03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fnextcatalog.uark.edu%2Fundergraduatecatalog%2Fgened%2Fgeneraleducation%2F&data=02%7C01%7Cagriffin%40uark.edu%7Ce4e632415f9b49eda9bf08d7f5c20b91%7C79c742c4e61c4fa5be89a3cb566%2BDWRVefAqIMsYNX4KXEgX2JdEJJY7Go%3D&reserved=0>), although there are additional considerations to satisfy the general education learning outcomes. Students are encouraged to consult with their academic adviser when making course selections.

Requirements for B.S.E. in Career and Technical Education with Family and Consumer Sciences Education Concentration

Stage I: Pre-Admission

1. Obtain a GPA of 2.7 or better on UA coursework.
2. Complete technical courses with a grade of "C" or better.
3. Complete pre-education core courses with a grade of "C" or better.
4. Obtain a passing score on the Math, Reading, and Writing sections of the Praxis Core or ACT as defined by the Arkansas Department of Education.
5. Complete CATE 3103 during the fall semester of the sophomore year.

Stage II: Admission to the CATE Program

Admission to the Career and Technical Education (CATE) program occurs the semester after that the candidate has completed CATE 3103 Introduction to Professionalism.

The application process includes:

1. Submission of the application to teacher education through the university-wide Teacher Education Office (see the Teacher Education Application Fee) during spring semester of sophomore year. This includes:
 - Completing and passing the criminal background check
 - Passing the Praxis I core academic subjects test by meeting or exceeding the Arkansas Department of Education cut-off scores. This test should be taken upon completion of ENGL 1013 (<http://catalog.uark.edu/search/?P=ENGL%201013>), and required math for each CATE concentration area.
2. Submission of the CATE application.
3. Oral interview with CATE faculty.
4. Submission of writing sample.

*Note: Another background check will be required prior to graduation in order to be eligible for licensure.

Stage III: Requirements for Program Continuation

1. Maintain a cumulative GPA of 2.7 or better.

2. Complete or present proof of registration for the Praxis II Content exam required by the Arkansas Department of Education Licensure area.

3. All professional education courses must have a grade "C" or better. No teaching methods courses may be taken as self-paced (correspondence).

Admission Requirements for Internship Semester (Spring, Senior Year)

All students in the Career and Technology Education program must complete the following requirements before being admitted to the spring semester of their senior year.

General Requirements

1. Students must complete the application to teacher education through the Teacher Education Office (see the Teacher Education Application Fee) during spring semester of sophomore year. This includes completing and passing the criminal background check, and also passing the Praxis I core academic subjects test by meeting or exceeding the Arkansas Department of Education cut-off scores. This test should be taken upon completion of ENGL 1013, and required math for each concentration.
2. All professional education courses must have a grade of "C" or better. No teaching methods courses may be taken by as self-paced (correspondence) courses. CATE 3103, CATE 4013, CATE 4023, and CATE 4033 are fall-only courses. CATE 4052 and CATE 406X are spring-only courses. All technical courses must be completed prior to the student teaching semester.
3. Earn a cumulative GPA or 2.70 or better by the end of the fall semester, senior year. Students are not permitted to student teach if the GPA requirement is not met.
4. Students must have passed Praxis II: Content Knowledge to be admitted to the spring semester, senior year.
5. Candidate must complete a successful "internship admission interview" with Career and Technical Education faculty. Note these interviews are scheduled with all senior students during the fall semester.
6. Satisfactorily complete the internship/student teaching experience at a school/district in Benton or Washington County that has been approved by the Field Experience Coordinator.

All students seeking licensure in the State of Arkansas are subject to a criminal background check. Background checks can take up to six months to process; therefore, students are advised to complete and submit the forms to the proper authorities at least six months in advance of graduation (or six months prior to applying for a teaching license). Arkansas will not grant a teaching license to anyone who has been convicted of a felony.

In addition to the General Studies, the following courses are required for a concentration in Family and Consumer Sciences Education.

University Core for Concentration in Family and Consumer Sciences Education 35

Required University Core

PSYC 2003 General Psychology (ACTS Equivalency = PSYC 1103)

Recommended for Family and Consumer Sciences Education concentration

MATH 1203 College Algebra (ACTS Equivalency = MATH 1103)

CHEM 1103 University Chemistry I (ACTS Equivalency = & CHEM 1101L CHEM 1414 Lecture) and University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab) or CHEM 10 Fundamentals of Chemistry (ACTS Equivalency = & CHEM 107 CHEM 1214 Lecture) and Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab)

HDFS 1403 Life Span Development

HDFS 2413 Family Relations

Professional Education Core 35

CIED 1013 Introduction to Education

CIED 3023 Survey of Exceptionalities or CIED 4023 Teaching in Inclusive Secondary Settings

CIED 3033 Classroom Learning Theory

CATE 3103 Introduction to Professionalism

CATE 4013 Teaching Strategies

CATE 4023 Classroom Management

CATE 4033 Assessment / Program Evaluation

CATE 4052 Seminar Teaching Internship

CATE 406X Teaching Internship (12 hours minimum enrollment)

Technical Requirements 22

NUTR 1213 Fundamentals of Nutrition

NUTR 2113 Principles of Foods & NUTR 2111L and Principles of Foods Laboratory

AMPD 2053 Introduction to Textile Science

HDFS 2433 Child Development

HDFS 3453 Parenting and Family Dynamics

CATE 3003 Teaching Housing and Interior Design to Secondary Students

CATE 4803 Problems in Career & Technical Education (Teaching Apparel Production to Secondary Students)

Electives 28

Recommended courses for Family and Consumer Sciences Education - 3 hours must be Upper-Level on-campus enrollment

CIED 1003 Introduction to Technology in Education

NUTR 2203 Sports Nutrition

NUTR 4243 Community Nutrition

NUTR 4223 Life Cycle Nutrition

HDFS 2403 Infant and Toddler Development

HDFS 3423 Adolescent Development

CIED 3053 The Emerging Adolescent

HDFS 3443 Families in Crisis

SCWK 3233 Contemporary Issues in Juvenile Justice

SCWK 4143 Addiction and the Family

HDFS 2483 Family Financial Management

Total Hours 120

Career and Technical Education B.S.E.with Family and Consumer Sciences Education Concentration Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan in Career and Technical Education with a concentration in Family and Consumer Sciences Education should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy/>) for university requirements of the program.

First Year	Units	
	Fall	Spring
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)	3	
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103) (Satisfies General Education Outcome 2.1)	3	
Select one of the following (Satisfies General Education Outcome 3.4):	4	
CHEM 1073 Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) & CHEM 1071L Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab)		
CHEM 1103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) & CHEM 1101L University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab)		
U.S. History or Government State Minimum Core ¹	3	
HDFS 1403 Life Span Development (Satisfies General Education Outcomes 3.3, 4.1, 4.2, and 5.1)	3	
NUTR 1213 Fundamentals of Nutrition		3
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)		3
CATE 4803 Problems in Career & Technical Education (Apparel Production)		3
Science State Minimum Core with Lab (Satisfies General Education Outcome 3.4) ¹		4
Fine Arts or Humanities State Minimum Core (Satisfies General Education Outcome 3.1 or 3.2) ¹		3
Year Total:	16	16

Second Year	Units	
	Fall	Spring
CIED 1013 Introduction to Education	3	
CIED 1003 Introduction to Technology in Education	3	
NUTR 2113 Principles of Foods	3	
NUTR 2111L Principles of Foods Laboratory	1	
PSYC 2003 General Psychology (ACTS Equivalency = PSYC 1103) (Satisfies General Education Outcome 3.3)	3	

Humanities or Fine Arts State Minimum Core (Satisfies General Education Outcome 3.1 or 3.2) ¹	3	
HDFS 2413 Family Relations (Satisfies General Education Outcomes 3.3 4.1, and 4.2)		3
AMPD 2053 Introduction to Textile Science		3
Electives		8
Year Total:	16	14

Third Year	Units	
	Fall	Spring
HDFS 3453 Parenting and Family Dynamics	3	
Elective	9	
CIED 3033 Classroom Learning Theory	3	
HDFS 2433 Child Development		3
CATE 3003 Teaching Housing and Interior Design to Secondary Students		3
Elective		8
Year Total:	15	14

Fourth Year	Units	
	Fall	Spring
CATE 4023 Classroom Management	3	
CATE 4013 Teaching Strategies (Satisfies General Education Outcome 1.2)	3	
CATE 3103 Introduction to Professionalism (Satisfies General Education Outcomes 4.1, 4.2, and 5.1)	3	
CIED 3023 Survey of Exceptionalities	3	
CATE 4033 Assessment / Program Evaluation	3	
CATE 4052 Seminar Teaching Internship		2
CATE 406X Teaching Internship (Satisfies General Education Outcomes 1.2 and 6.1)		12
Year Total:	15	14

Total Units in Sequence: 120

¹ Students must complete the State Minimum Core requirements ([https://nam03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fnextcatalog.uark.edu%2Fundergraduatecatalog%2Fgened%2Fgeneraleducation%2F&data=02%7C01%7Cagriffin%40uark.edu%7Ce4e632415f9b49eda9bf08d7f5c20b91%7C79c742c4e61c4fa5be89a3cb566%2BDWRVfEfaQlMsYNX4KXEgX2JdEJJY7Go%3D&reserved=0](https://nam03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fnextcatalog.uark.edu%2Fundergraduatecatalog%2Fgened%2Fstateminimum%2F&data=02%7C01%7Cagriffin%40uark.edu%7Ce4e632415f9b49eda9bf08d7f5c20b91%7C79c742c4e61c4fa5be89a3cb566%2F1XG8924jwOx8pTlw8IWNAGp0s%3D&reserved=0)), although there are additional considerations to satisfy the general education learning outcomes. Students are encouraged to consult with their academic adviser when making course selections.

Requirements for B.S.E. in Career and Technical Education with Technology Education Concentration

Stage I: Pre-Admission

1. Obtain a GPA of 2.7 or better on UA coursework.
2. Complete technical courses with a grade of "C" or better.
3. Complete pre-education core courses with a grade of "C" or better.
4. Obtain a passing score on the Math, Reading, and Writing sections of the Praxis Core or ACT as defined by the Arkansas Department of Education.
5. Complete CATE 3103 during the fall semester of the sophomore year.

Stage II: Admission to the CATE Program

Admission to the Career and Technical Education (CATE) program occurs the semester after that the candidate has completed CATE 3103 Introduction to Professionalism.

The application process includes:

1. Submission of the application to teacher education through the university-wide Teacher Education Office (see the Teacher Education Application Fee) during spring semester of sophomore year. This includes:
 - Completing and passing the criminal background check
 - Passing the Praxis I core academic subjects test by meeting or exceeding the Arkansas Department of Education cut-off scores. This test should be taken upon completion of ENGL 1013 (<http://catalog.uark.edu/search/?P=ENGL%201013>), and required math for each CATE concentration area.

2. Submission of the CATE application.
3. Oral interview with CATE faculty.
4. Submission of writing sample.

*Note: Another background check will be required prior to graduation in order to be eligible for licensure.

Stage III: Requirements for Program Continuation

1. Maintain a cumulative GPA of 2.7 or better.
2. Complete or present proof of registration for the Praxis II Content exam required by the Arkansas Department of Education Licensure area.
3. All professional education courses must have a grade "C" or better. No teaching methods courses may be taken as self-paced (correspondence).

Admission Requirements for Internship Semester (Spring, Senior Year)

All students in the Career and Technology Education program must complete the following requirements before being admitted to the spring semester of their senior year.

General Requirements

1. Students must complete the application to teacher education through the Teacher Education Office (see the Teacher Education Application Fee) during spring semester of sophomore year. This includes completing and passing the criminal background check, and also passing the Praxis I core academic subjects test by meeting or

exceeding the Arkansas Department of Education cut-off scores. This test should be taken upon completion of ENGL 1013, and required math for each concentration.

2. All professional education courses must have a grade of "C" or better. No teaching methods courses may be taken by as self-paced (correspondence) courses. CATE 3103, CATE 4013, CATE 4023, and CATE 4033 are fall-only courses. CATE 4052 and CATE 406X are spring-only courses. All technical courses must be completed prior to the student teaching semester.
3. Earn a cumulative GPA of 2.70 or better by the end of the fall semester, senior year. Students are not permitted to student teach if the GPA requirement is not met.
4. Students must have passed Praxis II: Content Knowledge to be admitted to the spring semester, senior year.
5. Candidate must complete a successful "internship admission interview" with Career and Technical Education faculty. Note these interviews are scheduled with all senior students during the fall semester.
6. Satisfactorily complete the internship/student teaching experience at a school/district in Benton or Washington County that has been approved by the Field Experience Coordinator.

All students seeking licensure in the State of Arkansas are subject to a criminal background check. Background checks can take up to six months to process; therefore, students are advised to complete and submit the forms to the proper authorities at least six months in advance of graduation (or six months prior to applying for a teaching license). Arkansas will not grant a teaching license to anyone who has been convicted of a felony.

University Core Requirements (State Minimum Core) for Career & Technical Education ¹ 35

PSYC 2003	General Psychology (ACTS Equivalency = PSYC 1103)
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Recommended for Technology Education concentration

MATH 2043	Survey of Calculus (ACTS Equivalency = MATH 2203)
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PHYS 2013	College Physics I (ACTS Equivalency = PHYS & PHYS 2011L 2014 Lecture)
	and College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)

or PHYS 2050 University Physics I (ACTS Equivalency = PHYS 2034)

Professional Education ² 35

CIED 1013	Introduction to Education
CIED 3023	Survey of Exceptionalities or CIED 402 Teaching in Inclusive Secondary Settings
CIED 3033	Classroom Learning Theory
CATE 3103	Introduction to Professionalism
CATE 4013	Teaching Strategies
CATE 4023	Classroom Management
CATE 4033	Assessment / Program Evaluation
CATE 4052	Seminar Teaching Internship
CATE 406X	Teaching Internship (12 hours)

Technical Requirements 21

ASTM 3042	Agricultural Construction Technology
ASTM 3173	Electricity in Agriculture
STEM 4033	Introduction to STEM Education

TEED 1203	CAD Technology I
TEED 1103	The Nature of Technology or TEED 2103 Technology and Society
TEED 3303	The Technologies of Energy and Movement or ASTM 31(Small Power Units/Turf Equipment & ASTM 310and Small Power Units/Turf Equipment Laboratory
TEED 4103	Engineering Design for Technology Education Capstone
Technical Requirement Elective (1-2 Hours)	
Electives	29
Recommended courses for Technology Education - 3 hours must be Upper Level on-campus enrollment	
COMM 1313	Public Speaking (ACTS Equivalency = SPCH 1003)
GNEG 1111	Introduction to Engineering I or GNEG 111 Introduction to Engineering
GNEG 1121	Introduction to Engineering II or GNEG 1106 Introduction to Engineering
INEG 3513	Manufacturing Processes
TEED 2103	Technology and Society or TEED 1103 The Nature of Technology
TEED 3203	The Technology of Communicating or CATE 407 Introduction to Teaching Programming in the Secondary Schools
Total Hours	120

¹ See the University Core (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/universitycore/>) page.

² All professional education courses must have grade "C" or better to award degree credit.

Internship Semester (Spring Semester/Senior Year) Admission Criteria:

1. Candidate must hold a cumulative GPA of 2.70 or higher.
2. Candidate must have completed the application to teacher education through the Teacher Education Office (see the Teacher Education Application Fee (<http://catalog.uark.edu/undergraduatecatalog/feeandcosts/othergeneralfees/>)) during spring semester of sophomore year. This includes passing the Praxis Core exam and successfully completing the required criminal background check.
3. Candidate must have taken and passed the Praxis II content examination during the previous semester or earlier.
4. Candidate must complete a successful "internship admission interview" with Career & Technical Education faculty. Note these interviews are scheduled with all senior students during the fall semester.

Note: All students seeking licensure in the State of Arkansas are subject to a criminal background check. Forms needed to complete this procedure may be obtained in 340 Graduate Education Building on the University of Arkansas campus. These forms may also be obtained from any police station (including the University of Arkansas Police station) or directly from the Arkansas State Department. These background checks take up to six months to process; therefore, students are advised to complete and submit the forms to the proper authorities at least six months in advance of graduation (or six months prior to applying for a teaching

license). Arkansas will not grant a teaching license to anyone who has been convicted of a felony.

Career and Technical Education B.S.E. with Technology Education Concentration Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan in Technology Education should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy/>) in the Academic Regulations chapter for university requirements of the program.

First Year	Units	
	Fall	Spring
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)	3	
U.S. History or Government State Minimum Core ¹	3	
Fine Arts or Humanities State Minimum Core (Satisfies General Education Outcome 3.1 or 3.2) ¹	3	
TEED 1203 CAD Technology I	3	
CIED 1013 Introduction to Education	3	
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)		3
ASTM 3173 Electricity in Agriculture		3
TEED 1103 The Nature of Technology		3
MATH 2043 Survey of Calculus (ACTS Equivalency = MATH 2203) (Satisfies General Education Outcome 2.1)		3
Elective		4
Year Total:	15	16

Second Year	Units	
	Fall	Spring
CATE 3103 Introduction to Professionalism (Satisfies General Education Outcomes 4.1, 4.2, and 5.1)	3	
Choose one of the following (Satisfies General Education Outcome 3.4):	4	
PHYS 2013 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) & PHYS 2011L College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) or PHYS 2054 University Physics I (ACTS Equivalency = PHYS 2034)		3
PSYC 2003 General Psychology (ACTS Equivalency = PSYC 1103) (Satisfies General Education Outcome 3.3)		3
Elective	6	
Science with Lab State Minimum Core (Satisfies General Education Outcome 3.4) ¹		4
Fine Arts or Humanities State Minimum Core (Satisfies General Education Outcomes 3.1 or 3.2) ¹		3
Social Sciences State Minimum Core (Satisfies General Education Outcome 3.3) ¹		3

STEM 4033 Introduction to STEM Education	3
Elective	3
Year Total:	16 16

Third Year	Units	
	Fall	Spring
CIED 3023 Survey of Exceptionalities or CIED 4023 Teaching in Inclusive Secondary Settings	3	
CIED 3033 Classroom Learning Theory	3	
Elective	10	
Social Sciences State Minimum Core (Satisfies General Education Outcome 3.3) ¹		3
ASTM 3042 Agricultural Construction Technology		2
TEED 3303 The Technologies of Energy and Movement		3
or ASTM 3102 and ASTM 3101L		
Elective		7
Year Total:	16	15

Fourth Year	Units	
	Fall	Spring
CATE 4013 Teaching Strategies (Satisfies General Education Outcome 1.2)	3	
CATE 4023 Classroom Management	3	
CATE 4033 Assessment / Program Evaluation	3	
TEED 4103 Engineering Design for Technology Education Capstone	3	
CATE 4052 Seminar Teaching Internship		2
CATE 406X Teaching Internship (Satisfies General Education Outcomes 1.2 and 6.1)		12
Year Total:	12	14

Total Units in Sequence: 120

¹ Students must complete the State Minimum Core requirements (<https://nam03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fnextcatalog.uark.edu%2Fundergraduatecatalog%2Fgeneral%2Fstateminimum%2F&data=02%7C01%7Cagriffin%40uark.edu%7Ce4e632415f9b49eda9bf08d7f5c20b91%7C79c742c4e61c4fa5be89a3c5b66a80d1%7C6%7C0%7C6372480866962f479&data=40230083N8KfTKGD%2F1XG8924jwOx8pTlw8lWNAGp0s%3D&reserved=0>) as outlined in the Catalog of Studies. The courses that meet the state minimum core also fulfill many of the university's General Education requirements (<https://nam03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fnextcatalog.uark.edu%2Fundergraduatecatalog%2Fgeneral%2Fgeneraleducation%2F&data=02%7C01%7Cagriffin%40uark.edu%7Ce4e632415f9b49eda9bf08d7f5c20b91%7C79c742c4e61c4fa5be89a3c5b66a80d1%7C6%7C0%7C6372480866962f479&data=40230083N8KfTKGD%2F1XG8924jwOx8pTlw8lWNAGp0s%3D&reserved=0>), although there are additional considerations to satisfy the general education learning outcomes. Students are encouraged to consult with their academic adviser when making course selections.

Background checks must be cleared before the candidate begins student teaching.

Carter, Vinson R., Ph.D., M.A.T., B.S. (University of Arkansas), Associate Professor, Department of Curriculum and Instruction, 2008, 2019.

Daugherty, Michael, Ed.D., M.S., B.S. (Oklahoma State University), Distinguished Professor, Department of Curriculum and Instruction, 2005.

Deaton, Sheri, Ph.D., M.A.T., B.S.E. (University of Arkansas), Instructor, Department of Curriculum and Instruction, 2016.

Orr, Betsy, Ed.D., M.Ed. (University of Arkansas), B.A. (University of Arkansas at Monticello), Associate Professor, Department of Curriculum and Instruction, 1989, 2000.

Courses

CATE 3003. Teaching Housing and Interior Design to Secondary Students. 3 Hours.

This course prepares students to teach housing and interior design concepts to students in secondary school settings. Topics to be covered include housing needs and decisions, architectural design and construction, furnishings, safety and security, and careers related to the housing industry. Problem-based and project-based learning will provide the foundation for content delivery in this course. (Typically offered: Fall)

CATE 3103. Introduction to Professionalism. 3 Hours.

Studying and developing educational concepts in career and technical education with accepted principles of professionalism in secondary education settings. Prerequisite: Career and Technical Education (CATE) students only. (Typically offered: Fall)

CATE 3103H. Honors Introduction to Professionalism. 3 Hours.

Studying and developing professional concepts in vocational education with accepted principles of professionalism applied to career and technical education settings. (Typically offered: Fall)
This course is equivalent to CATE 3103.

CATE 4013. Teaching Strategies. 3 Hours.

Methods and techniques in the preparation and delivery of teaching. Prerequisite: CATE 3103. (Typically offered: Fall)

CATE 4023. Classroom Management. 3 Hours.

Theory and techniques in classroom management, including professional ethics and school policies related to students, faculty and programs. Prerequisite: CATE 3103. (Typically offered: Fall)

CATE 4033. Assessment / Program Evaluation. 3 Hours.

An introduction to constructing, evaluating and interpreting tests; descriptive and analytical tests; and program evaluations. Prerequisite: CATE 3103. (Typically offered: Fall)

CATE 4052. Seminar Teaching Internship. 2 Hours.

Site-based field experiences are integrated with the course content to provide continuity between theory and practice. Classroom management, ethics and diversity are emphasized. Corequisite: CATE 406X. (Typically offered: Spring)

CATE 406X. Teaching Internship. 12 Hours.

A minimum of 15 weeks will be spent in an off-campus school, at which time the student will have an opportunity under supervision to observe, to teach and to participate in other activities involving the school and the community. Successful completion of a criminal background check required before student can begin internship. Prerequisite: Senior status, CATE 3103, CATE 4013, CATE 4023, CATE 4033, CIED 3023 or CIED 4023 and CIED 3033. (Typically offered: Spring)

Teacher Licensure

Requirements for teacher licensure vary from state to state and may differ among teacher preparation programs. Please note that Arkansas requires all applicants to successfully complete a criminal background check.

CATE 4073. Introduction to Teaching Programming in the Secondary Schools. 3 Hours.

This course provides an introduction to the foundations of teaching methods for computer programming in the secondary schools. Methods of computer programming instruction will include teaching strategies in coding, developing computational thinking, problem-solving skills, and applying key programming concepts. This is an introductory level course. No prerequisites are required. Corequisite: Lab component. (Typically offered: Irregular)

CATE 4803. Problems in Career & Technical Education. 3 Hours.

Problems and issues relating to instruction in career and technical education. You must have approval by the instructor of this course to enroll. (Typically offered: Fall, Spring and Summer)