

DEPARTMENT OF EDUCATION

Chair: R. Jeffrey Cantrell

Education Faculty: Randy Gilmer, Sandra Richardson, J. David Smith, Joyce Smith, Catana Turner, Wayne Wheatley, Brian Ward

Library Media Faculty: Rachel Augello, Robin Benke, Karen Chafin, Brian Erb, Delores Gibson, Amelia VanGundy

Physical Education Faculty: William Banner, Lee Clark, Christopher Davis, Karin Schult, Ray Spenilla, Danny Sterling, Bruce Wasem, Ronald Welch

Director of Reading Clinic: Catana Turner

State approved programs leading to licensure to teach in the elementary, middle and secondary schools in Virginia are offered at The University of Virginia's College at Wise. A complete listing of the licensure areas available may be found on the preceding pages.

Students enrolled at UVa-Wise who elect to meet requirements for teacher licensure must be admitted to the Teacher Education Program and must complete the appropriate program of study. The students should contact the Director of Teacher Education for assistance in determining their appropriate program. Students are advised to contact their academic department concerning departmental regulations relative to teacher education. Students desiring a Liberal Arts and Science major (Pre-K-6 or Special Education) should consult with the Chair of the Department of Education for assignment of an advisor in the Department of Education.

BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES LICENSURE REQUIREMENTS ELEMENTARY EDUCATION, PRE-K-6, AND SPECIAL EDUCATION, K-12

The major is designed for students seeking an elementary education endorsement to teach at the Pre-K-6 and Pre-K-12 levels.

Students are required to complete the 73 semester hour core requirement, at least one concentration selected from general language and literature, general mathematics, general science, history/social science and the professional education component. The core

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requirements for this program also satisfy the general education requirements described previously in this catalog.

The Department of Education is supported in the administration of the Liberal Arts and Sciences major by the chairs of the Departments of Language and Literature, History and Philosophy, Mathematical Sciences, Natural Science, and Social and Behavioral Sciences.

CORE REQUIREMENTS

The completion of the following core requirements will satisfy the general education requirements.

			<i>semester hours</i>
<u>LANGUAGE ARTS</u>			15
ENGL 101/102	Composition	6	
	Literature	3*	
<i>(*Students may select literature options from English courses numbered 212 through 326, and literature courses taught by foreign language faculty. Non-literature courses may not be used to satisfy this requirement.)</i>			
COMM 100	Public Speaking	3	
EDUC 347	Exploring the Language Arts through Children's Literature	3	
<u>COMPUTER LITERACY</u>			3
COSC 110	Computer Literacy (<i>may test out</i>)	3	
<u>HISTORY</u>			9
HIST 101/102	Western Civilization	6	
HIST 107 or 108	American History	3	
<u>MATHEMATICS</u>			12-13
MATH 100	Introduction to Algebra and Trigonometry, <i>or</i>	4	
MATH 101	College Algebra, <i>or</i>	3	
MATH 103	Pre-Calculus	3	
MATH 102	Finite Mathematics	3	
MATH 301	Euclidean Geometry	3	
MATH 302	Problem Solving	3	
<u>SCIENCE</u>			14
BIOL 160/161	Human Biology <i>or</i>		
BIOL 180/181	Biodiversity and Conservation	4	
LAB SCIENCE	Chemistry, Geology or Physics	4	
SCIE 301	Science Methods 1	3	
SCIE 302	Science Methods 2	3	

FOREIGN LANGUAGE 6

Students must complete a 6-semester-hour introductory sequence in a foreign language. Exemption from this requirement may be made by demonstrating on a placement test a proficiency equivalent to one year of college language study and/or by successful completion of LANG 103H.

ARTS 3

Art, Music or Theatre 3
 Three semester hours are to be selected from art, dance, music and theatre. Students may select any combination of three hours (i.e., three 1-semester-hour courses, one 3-semester-hour course, etc.) to meet this requirement.

SOCIAL SCIENCES 9

ECON 255	Basic Economics and Financial Concepts	3
GEOG 202	Cultural Geography	3
POLS 101	American National Politics and Political Systems	3

PHYSICAL EDUCATION 1

Two, 0.5-semester-hour courses or one, 1-semester-hour credit course, to be selected from Physical Education Activity Courses (Basic Skills.)

FRESHMAN SEMINAR 1

(LART 195)

TOTAL 73-74

CONCENTRATION

The student must complete *one* of the following four concentrations:

LANGUAGE AND LITERATURE CONCENTRATION

		<i>semester hours</i>
ENGL 300	How to Read Literature	3
ENGL 305	Western Literary Tradition	3*
ENGL 325	English Literature I	3
EDUC 340	Young Adult Literature	3
ENGL 341	Study of the English Language	3
ENGL 342	History of the English Language	3
<i>Two courses selected from the following:</i>		6
ENGL 326	English Literature (3)	
ENGL 381	American Prose and Poetry I (3)	

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ENGL 382 American Prose and Poetry II (3)

*Will satisfy the literature requirement in the core.

MATHEMATICS CONCENTRATION

semester hours

26

MATH 102	Finite Mathematics	3*
MATH 103	Pre-Calculus	3*
MATH 208	Elementary Probability and Statistics	4
MATH 313	Linear Algebra	3
MATH 315	History of Mathematics	3
MATH 204	Calculus I	4
<i>At least 6 hours selected from the following:</i>		6
MATH 205	Calculus II (4)	
MATH 306	Calculus III (4)	
MATH 312	Introduction to Geometry (3)	
MATH 325	Probability and Statistic I (3)	
MATH 331	Introduction to Mathematical Proofs (3)	
MATH 410	Set Theory (3)	
COSC 190	Fundamentals of Computer Programming (4)	
COSC 281	Data Structures (3)	
COSC 330	Fundamentals of Computer Science (3)	
COSC 360	Operations Research (3)	

*Will partially satisfy the mathematics requirement in the core

GENERAL SCIENCE CONCENTRATION

semester hours

30-32

BIOL 160/161	Human Biology	4*
BIOL 180/181	Biodiversity and Conservation	4*
CHEM 101/111	College Chemistry I	4*
CHEM 102/112	College Chemistry II	4*
GEOL 101	Physical Geology	4*
PHYS 101/211	General Physics	4*
<i>Two courses selected from:</i>		6-8
ASTR 101	Introduction to Astronomy (3)	
CHEM 255/256	Chemistry in Our Daily Lives (4)	
ENVR 324	Environmental Chemistry (3)	
GEOL 314	Historical Geology (4)	

*Course may be used to partially satisfy the core.

HISTORY/SOCIAL SCIENCE CONCENTRATION

semester hours
30

HIST 101	Western Civilization I	3*
HIST 102	Western Civilization II	3*
HIST 107	American History I	3*
HIST 108	American History II	3
<i>Cross-cultural history course selected from the following:</i>		3
HIST 312, 316, 317, 323, 326, 337		
History elective at the 300 level or higher		3
POLS 101 <i>or</i> POLS 102		3
<i>At least two courses selected from the following:</i>		6
POLS 305, 306, 322, 361, 381		
Upper-level selection from History, Political Science, Psychology, <i>or</i> Sociology		3
<i>*Will satisfy History requirement in the core</i>		

PROFESSIONAL EDUCATION

The professional education component must be completed by all students earning a degree in Liberal Arts and Sciences.

semester hours
24

EDUC 251	Foundations and Development of American Education	2
EDUC 330	Educational Technology	3
EDUC 345	Foundations of Reading Instruction	3
EDUC 360	Human Growth and Development	3
EDUC 369	Exceptional Children in the Regular Classroom	3
EDUC 386	Diagnosis and Correction of Reading Problems	3
EDUC 408	Classroom Management and Discipline	3
EDUC 409	Tests and Measurements	1
EDUC 446	Organizational and Instructional Procedures for Pre-K–6	3
EDUC 498	Teaching Internship: Elementary Education, Pre-K–6	12

TOTAL HOURS OF PROFESSIONAL EDUCATION **36**

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TEACHING ENDORSEMENT FOR MIDDLE SCHOOL EDUCATION, 6-8

Licensure requirements for middle school education, grades 6–8, may be obtained by completing the general education requirements, a major in one of the content areas (English, mathematics, science, or history/social science), an additional concentration of at least 21 hours prescribed in one of the remaining three disciplines, and the professional studies requirements.

In order to expedite the completion of the middle education teaching endorsement, students are advised to make an appointment with the Director of Teacher Education upon arrival at UVa-Wise.

PROFESSIONAL STUDIES REQUIREMENTS

MIDDLE EDUCATION 6-8

semester hours

EDUC 251	Foundations and Development of American Education	2
EDUC 330	Educational Technology	3
EDUC 345	Foundations of Reading Instruction	3
EDUC 358	Reading in the Content Areas, 6-12	3
EDUC 369	Exceptional Children in the Regular Classroom	3
EDUC 408	Classroom Management and Discipline	3
EDUC 409	Tests and Measurements	1
EDUC 482	Design and Development of Instruction in Grades 6-12	3
PSYC 474	Adolescent Psychology	3
EDUC 499	Teaching Internship: Middle and Secondary Grades 6-12	12
	TOTAL	36

TEACHING ENDORSEMENT FOR SECONDARY EDUCATION, 6-12

LICENSURE REQUIREMENTS

Individuals seeking licensure with secondary grades 6-12 endorsements may meet requirements through the completion of an approved program. Components of the licensure program include an appropriate major, professional teacher's assessment requirement (Praxis I and II) prescribed by the Commonwealth of Virginia Board of Education, professional studies requirements, and any specific endorsement requirements.

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PROFESSIONAL STUDIES REQUIREMENTS

The professional studies requirements for students seeking licensure at secondary grades 6-12 consist of the following courses unless otherwise specified under the individual endorsement area.

semester hours

EDUC 251	Foundations and Development of American Education	2
EDUC 330	Educational Technology	3
EDUC 358	Reading in the Content Areas, 6-12	3
EDUC 369	Exceptional Children in the Regular Classroom	3
EDUC 408	Classroom Management and Discipline	3
EDUC 409	Tests and Measurements	1
EDUC 482	Design and Development of Instruction in Grades 6-12	3
PSYC 474	Adolescent Psychology	3
EDUC 499	Teaching Internship: Middle and Secondary Grades 6-12	12
	TOTAL	33

SECONDARY EDUCATION MINOR

Each student admitted to the Teacher Education Program at the secondary level may earn a minor in secondary education by completing the professional studies requirements for secondary grades 6-12.

LICENSURE REQUIREMENTS, Pre-K–12

Licensure at the Pre-K–12 level may be obtained in library media, health and physical education, and special education. Students must be accepted into the Teacher Education Program and complete general education requirements, an appropriate major offered by the College, and the professional studies and teaching internship requirements.

SPECIAL EDUCATION LICENSURE PROGRAM, Pre-K-12

Students wishing to obtain initial licensure (Pre-K–12) in Special Education with endorsements in Mental Retardation, Learning Disabilities, and Emotional Disturbance must complete the requirements for the Liberal Arts and Sciences Degree Program.

The core requirements of the Liberal Arts and Sciences degree, which include the General Education Requirements, one of the four concentrations of the Liberal Arts and Sciences Program (General

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Language and Literature, General Mathematics, General Science, and History/Social Science), and the professional studies requirements for special education certification must be completed.

SPECIAL EDUCATION PRE-K–12

EMOTIONAL DISTURBANCE

	<i>semester hours</i>
General Education Core Requirements	73
Concentration	17-21
Professional Studies Requirement:	26
EDUC 345 Foundations of Reading Instruction	3
EDUC 251 Foundations & Development of American Education	2
EDUC 330 Educational Technology	3
EDUC 369 Inclusion of Exceptional Children in the Regular Classroom	3
EDUC 375 Psychoeducational Diagnosis	3
EDUC 379 Characteristics of the Emotionally Handicapped	3
EDUC 381 Instructional Procedures for Students with Learning and Behavior Disorders: Elementary Level	2
EDUC 382 Instructional Procedures for Students with Learning and Behavior Disorders: Secondary Level	2
EDUC 383 Current Trends and Legal Issues in Special Education	2
EDUC 408 Classroom Management and Discipline	3
EDUC 494 Teaching Internship in Special Education	12
TOTAL	128-132

SPECIAL EDUCATION PRE-K–12

LEARNING DISABILITIES

	<i>semester hours</i>
General Education Core Requirements	73
Major Requirements	17-21
Professional Studies Requirements	21
EDUC 251 Foundations and Development of American Education	2
EDUC 330 Educational Technology	3
EDUC 345 Foundations of Reading Instruction	3

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EDUC 369	Exceptional Children in the Regular Classroom	3
EDUC 370	Characteristics of the Learning Disabled	3
EDUC 375	Psychoeducational Diagnosis	3
EDUC 381	Diagnostic-Remedial Instruction for Students with Learning and Behavior Disorders: Elementary Level	2
EDUC 382	Diagnostic-Remedial Instruction for Students with Learning and Behavior Disorders: Secondary Level	2
EDUC 383	Current Trends and Legal Issues in Special Education	2
EDUC 408	Classroom Management and Discipline	3
EDUC 494	Teaching Internship in Special Education	12
TOTAL		123-127

SPECIAL EDUCATION PRE-K-12

MENTAL RETARDATION

		<i>semester hours</i>
	General Education Core Requirements	73
	Concentration	17-21
	Professional Studies Requirements:	26
EDUC 251	Foundations & Development of American Education	2
EDUC 330	Educational Technology	3
EDUC 345	Foundations of Reading Instruction	3
EDUC 369	Exceptional Children in the Regular Classroom	3
EDUC 372	Characteristics of the Mentally Retarded	3
EDUC 375	Psychoeducational Diagnosis	3
EDUC 381	Instructional Procedures for Students with Learning and Behavior Disorders: Elementary Level	2
EDUC 382	Instructional Procedures for Students with Learning and Behavior Disorders: Secondary Level	2
EDUC 383	Current Trends and Legal Issues in Special Education	2

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EDUC 408	Classroom Management and Discipline	3	
EDUC 494	Teaching Internship in Special Education		12
	TOTALS		128-132

**SPECIAL EDUCATION PRE-K-12
EMOTIONAL DISTURBANCE, LEARNING DISABILITIES,
AND MENTAL RETARDATION**

			<i>semester hours</i>
General Education Core Requirements			73
Concentration			17-21
Professional Studies Requirements:			33
EDUC 251	Foundations and Development of American Education	2	
EDUC 330	Educational Technology	3	
EDUC 345	Foundations of Reading Instruction	3	
EDUC 369	Exceptional Children in the Regular Classroom	3	
EDUC 370	Characteristics of the Learning Disabled	3	
EDUC 372	Characteristics of the Mentally Retarded	3	
EDUC 375	Psychoeducational Diagnosis	3	
EDUC 379	Characteristics of the Emotionally Handicapped	3	
EDUC 381	Instructional Procedures for Students with Learning and Behavior Disorders: Elementary Level	2	
EDUC 382	Instructional Procedures for Students with Learning and Behavior Disorders: Secondary Level	2	
EDUC 383	Current Trends and Legal Issues in Special Education	2	
EDUC 408	Classroom Management and Discipline	3	
EDUC 494	Teaching Internship in Special Education		12
TOTAL			134-138

BACHELOR OF ARTS IN HEALTH AND PHYSICAL EDUCATION

The major is designed for students seeking a health and physical education endorsement to teach at the Pre-K-12 levels. All health and

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physical education majors are required to complete the 52 semester hour general education requirement, the 34 semester hour major requirement, and the 38 semester hour concentration leading to teacher licensure requirement.

GENERAL EDUCATION

52 semester hours

MAJOR REQUIREMENTS FOR HEALTH AND PHYSICAL EDUCATION

*BIOL 103	Principles of Biology	3
*BIOL 113	Principles of Biology Lab	1
*BIOL 337	Anatomy	4
HLED 221	Personal Health	3
<i>(At least 4 activities chosen from those listed below)</i>		
PHYE 103, 113, 123, 133, 173, 183, 193, 243, 253		2
PHYE 300	Safety Education and First Aid	3
PHYE 324	Foundations and Trends in Physical Education	3
PHYE 335	Organization and Administration of Physical Education Programs	3
PHYE 351	Evaluations in Physical Education	3
PHYE 360	Exercise Physiology	3
PHYE 365	Kinesiology	3
PHYE 467	Skills/Techniques of Teaching Team and Individual Sports	3

TOTAL

34 semester hours

CONCENTRATION LEADING TO TEACHER LICENSURE

PHYE 143	Backpacking <i>or</i>	
PHYE 153	Camping	.5
PHYE 281, 282	Aerobics <i>or</i>	
PHYE 283	Dance	.5
PHYE 303, 313, 333	Aquatics (at least one hour)	1
EDUC 251	Foundations and Development of American Education	2
EDUC 346	Reading and Language Arts Pre-K-6 <i>or</i>	
EDUC 358	Reading and Language Arts in the Content Areas, 6-12	3

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EDUC 369	Exceptional Children in the Regular Classroom	3
EDUC 408	Classroom Management and Discipline	3
EDUC 409	Tests and Measurements	1
PHYE 320	Physical Education Activities for the Elementary School	3
PHYE 400	Adaptive Physical Education	3
PSYC 472	Child Development <i>or</i>	
PSYC 474	Adolescent Development	3
HLED 471	Methods of Teaching Health	3
PHYE 470	Teaching Internship in Physical Education	12
TOTAL		38 semester hours

TOTAL HOURS FOR MAJOR 124

LIBRARY MEDIA - PRE-K-12 (ANY UVA'S COLLEGE AT WISE MAJOR)

Library media licensure may be added to any major by completing the requirements outlined below:

	<i>semester hours</i>
General Education Requirements	52
Major Requirements	36-67
Additional requirements for Library Media licensure:	27
EDUC 326 Design, Production, and Evaluation of Instructional Media (3)	
EDUC 330 Educational Technology (3)	
EDUC 340 Young Adult Literature (3)	
EDUC 361 Children's Literature (3)	
LIBR 310 Reference and Bibliography (3)	
LIBR 320 Technical Services (3)	
LIBR 330 School Library Administration (3)	
LIBR 340 Internship in School Library Service (6)	
Professional Studies Requirements	11
EDUC 251 Foundations and Development of American Education (2)	
EDUC 360 Human Growth and Development (3)	
EDUC 369 Exceptional Children in the Regular Classroom (3)	
EDUC 408 Classroom Management and Discipline (3)	
TOTAL	126-157

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MINOR IN LIBRARY MEDIA

Students who are seeking a non-teaching minor in library media must complete the following courses:

		<i>semester hours</i>
LIBR 310	Reference and Bibliography	3
LIBR 320	Technical Services	3
LIBR 330	School Library Administration	3
EDUC 326	Design, Production, and Evaluation of Instructional Media <i>or</i>	
EDUC 330	Educational Technology	3
EDUC 340	Young Adult Literature	3
EDUC 361	Children's Literature	3
	TOTAL	18
		160-192

DRIVER EDUCATION

A student seeking an add-on endorsement in driver education shall complete the following:

		<i>semester hours</i>
General education requirements		52
Major requirements		36-67
	<i>(Total hours dependent on major selected)</i>	
An endorsement in a secondary or Pre-K-12 subject area		
	<i>(includes professional education requirements)</i>	26-30
EDUC 304	Introduction to Driver Education: Driver Task Analysis	3
EDUC 306	Driver Education Instructional Principles	3
	TOTAL	120-155

COURSES IN EDUCATION

EDUC 251: Foundations and Development of American Education (2)

A study of American education including the history of education and the major philosophical and sociological forces affecting education, with emphasis on contemporary issues, problems, and patterns relative to curriculum design and development in American schools, as well as an introduction to a teacher's role in understanding and developing collaborative relationships with their students' families to support students' physical, cognitive, and social development. Attention is also given to the legal status of teachers and students with respect to federal and state regulations. Requires 20 logged hours of observation in an elementary and/or secondary school setting.

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EDUC 302: Workshop in Education (1, 2, 3)

May not be counted toward a major at The University of Virginia's College at Wise.

EDUC 304: Introduction to Driver Education: Driver Task Analysis (3)

Identification and application of knowledge and skills for traffic safety decision making. Under the supervision of a certified driver education instructor, the student will demonstrate the knowledge and skills required to provide effective instruction in the safe operation of a vehicle. May not be used to meet degree requirements except for students seeking licensure to teach Driver's Education.

EDUC 306: Driver Education Instructional Principles (3)

Prerequisite: Admission to the Teacher Education Program

Theory and practice of methods, knowledge, and materials for teaching and evaluating classroom and laboratory instruction in driver education. Topics are the legal aspects for operating a motor vehicle, safety and first aid principles, and the demonstration of the knowledge and skills required to provide effective instruction in the safe operation of a vehicle. May not be used to meet degree requirements except for students seeking certification to teach Driver Education.

EDUC 326: Design, Production and Evaluation of Instructional Media (3)

Identification and rationale for using media in education. Key sections include message design, media design, production and validation, including setting up and operating the video tape recorder, audio tape recorder, and slide, filmstrip, overhead and 16 mm projectors; demonstrating simple production processes and learning to write behavioral outcome objectives; use of computers in education; and utilization of distance learning technology.

EDUC 330: Educational Technology (3)

Prerequisite: EDUC 351

An introduction to educational and computer technologies, this course is required of all students seeking a license to teach. Students taking this course will develop an understanding and familiarity with computers. This course will rapidly cover advanced computer topics. Students will explore the State Standards of Learning (SOL) and demonstrate computer competencies in their respective educational discipline. A number of required projects will be assigned; however, individual

exploration will also be incorporated into the course.

EDUC 340: Young Adult Literature (3)

Prerequisite: Upper division status

A study of literature for readers from grades six through twelve with presentation of appropriate bibliographies, indexes, review sources, and teaching methods. The course is required for English majors seeking licensure for teaching in grades 6-12 and for all students seeking licensure for teaching in grades 6-12 and for all students seeking licensure in library science. The course may not be used to satisfy general education requirements.

EDUC 345: Foundations of Reading Instruction (3)

Prerequisite: Upper division status

This course is designed to provide information on balanced reading instruction in grades Pre-K-6. Specific topics addressed will include: theories/models of the reading process, language acquisition, historical literacy, phonemic awareness, instructional strategies for word study (which include word identification strategies for developing a sight vocabulary, phonics knowledge, structural analysis, and contextual analysis), vocabulary development strategies, comprehension strategies, reading-writing connections, and assessments (formal and informal). Students enrolled in this course are required to complete 30 hours of field experience in a K-6 classroom setting.

EDUC 347: Exploring the Language Arts through Children's Literature (3)

Prerequisite: Upper Division Status

This course is designed to provide information for integrating the study of the language arts (listening, speaking, reading, and writing) with the study of children's literature in a K-6 classroom setting. Specific topics addressed will include: understanding the theoretical foundations for integration, selecting and evaluating children's literature, identifying categories of children's literature, utilizing children's literature across the curriculum, constructing thematic units, conducting activities for sharing and responding to literature (through read-alouds, shared reading, and guided reading activities, etc.), guiding children through the writing process, constructing listening and speaking activities, and assessing children's success with the language arts. This course should be considered a "writing intensive" course because students will be assigned numerous critiques and a formal thematic unit.

EDUC 358: Reading and the Language Arts in the Content Areas, 6-12 (3)

Prerequisite: Upper division status

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The content of this course is designed to provide information on various approaches and techniques for utilizing and teaching reading/writing strategies within grades 6-12 content areas (i.e. literature, history/social science, mathematics, science, etc.). Emphasis is placed on procedures for evaluating textbooks, strategies to help students develop comprehension and study skills, and methods for teaching vocabulary and concepts. This course requires 30 hours of field experience in a 6-12 school setting.

EDUC 360: Human Growth and Development (3)

A study of the development of the whole child: physical traits, learning and intelligence, social and emotional behavior, and personality adjustment. Emphasis on birth to adolescence.

EDUC 361: Children's Literature (3)

Prerequisite: Upper division status

Instruction in this course focuses on the various forms of children's literature (prose and poetry) and how to evaluate and effectively utilize and present (i.e. read-alouds, shared readings, choral readings, etc.) this literature in a PreK-6 setting. This course should be considered as "writing intensive" since students are required to turn in numerous critiques/reviews of children's literature plus a formal thematic unit.

EDUC 369: Inclusion of Exceptional Children in the Regular Classroom (3)

Prerequisite: Upper division status

A survey of the field of special education. Emphasis is on techniques for integrating students with intellectual, emotional, social and physical handicaps into the least restrictive educational environment. Requires 30 hours of observation/participation in the elementary and/or secondary school classroom.

EDUC 370: Characteristics of the Learning Disabled (3)

Prerequisite: EDUC 369

An introduction to learning disabilities including characteristics of etiology, diagnostic criteria and an overview of the major theoretical and conceptual approaches to remediation.

EDUC 372: Characteristics of the Mentally Retarded (3)

Prerequisite: EDUC 369

An introduction to the complexities and characteristics of mental retardation. Physiological, psychological, and educational implications are considered. Diagnosis and planning are stressed.

EDUC 375: Psychoeducational Diagnosis (3)

Prerequisite: EDUC 369

Study of the basic principles and techniques of evaluation. Emphasizes concepts and methods for oral and written reporting of educational, diagnostic and prescriptive information concerning students with various handicaps.

EDUC 379: Characteristics of the Emotionally Handicapped (3)

Prerequisite: EDUC 369

An introduction to emotional handicaps including characteristics, etiology, diagnostic criteria, and an overview of the major theoretical and conceptual approaches to remediation.

EDUC 381: Instructional Procedures for Students with Learning and Behavior Disorders: Elementary Level (2)

Prerequisites: EDUC 370, 372, or 379

Techniques for assessing and remediating specific learning and behavior problems of elementary age learning disabled students. Specific attention is given to teaching basic academic subjects and methods of classroom management.

EDUC 382: Instructional Procedures for Students with Learning and Behavior Disorders: Secondary Level (2)

Prerequisites: EDUC 370, 372, or 379

Needs of learning disabled students at the secondary level, with specific attention directed toward behavioral and metacognitive strategies for the remediation of academic and social skill development. Tutorial instruction, consultation with regular class teachers, study skills and vocational education are emphasized.

EDUC 383: Current Trends and Legal Issues in Special Education (2)

Prerequisite: EDUC 370, 372, or 379

State and federal legislation as it pertains to the education of exceptional children is investigated. Attention is directed to current trends and contemporary issues. Specific topics change periodically to reflect the problems and needs of the field.

EDUC 386: Diagnosis and Correction of Reading Problems (3)

Prerequisites: EDUC 345

Instruction in this course focuses on the techniques, methods, and materials that can be used in effectively diagnosing reading

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difficulties/deficiencies and strengths in children in the PreK-6 setting. Course content will include a study of both formal and informal assessment measures with emphasis placed on the procedures for administering and interpreting an Informal Reading Inventory (IRI) and how to use results from this inventory to prescribe and then deliver reading instruction to a PreK-6 child. As part of the service learning component for the course, students will be required to serve as a tutor for a K-6 grade child enrolled in the College's Reading Clinic. A formal case study must be completed by students based upon this clinical experience.

EDUC 408: Classroom Management and Discipline (3)

Prerequisite: Admission to the Teacher Education Program

A review of research on the effectiveness of various alternatives for classroom management with discussion of the consequences of applying various strategies.

EDUC 409: Tests and Measurements (1)

Prerequisite: Admission to the Teacher Education Program

An overview of tests and testing concepts. Attention is directed to both norm-referenced and criterion-referenced tests. Students are taught to construct criterion-referenced tests and interpret norm-referenced tests.

EDUC 446: Organizational and Instructional Procedures for Pre-K-6 (3)

Prerequisite: Admission to the Teacher Education Program

Principles and techniques of planning and teaching at the kindergarten and primary levels. Requires 30 logged hours of observation and participation in kindergarten and primary classrooms. Required for students seeking Pre-K-6 teaching certification.

EDUC 448: Teaching in the Middle School (3)

Prerequisite: Admission to the Teacher Education Program

Development of knowledge and skills required for planning, implementing and evaluating instructional procedures in middle school education, grades 5-8.

EDUC 480: Methods of Teaching Business Subjects (3)

Prerequisite: Admission to the Teacher Education Program

Development of classroom teaching skills in designing, implementing and evaluating instructional materials in the business curriculum.

EDUC 482: Design and Development of Instruction in Grades 6-12 (3)

Prerequisite: Admission to the Teacher Education Program

Development of knowledge and skills for designing, implementing, and

evaluating instruction in middle and secondary education. Requires 20 hours observation in middle or secondary education setting.

EDUC 492, 493: Teaching Internship-Special Topics (6)

EDUC 494: Teaching Internship in Special Education (12)

Prerequisites: EDUC 369, 381, 382 and admission to the Teacher Education Program, and permission of the Director of Teacher Education.

Under the supervision of cooperating teachers and college supervisors, students assume full-time teaching responsibilities in a special education program for a period of 10 weeks. Demonstration of academic and pedagogical knowledge and skills is required in both an elementary and a secondary special education setting.

EDUC 495, 496: Problems in Education (1, 2 or 3)

Selected problems in modern education.

EDUC 497: Independent Study (1-3)

EDUC 498: Teaching Internship: Elementary Education, Pre-K-6 (12)

Prerequisite: Admission to the TEP and the Teaching Internship Program

Under the direction of cooperating teachers and College supervisors, students assume full-time teaching responsibilities in public school classrooms, Pre-K-6, for one semester. Demonstration of academic and pedagogical skills is required.

EDUC 499: Teaching Internship: Middle and Secondary Grades, 6-12 (12)

Prerequisite: Admission to the TEP and the Teaching Internship Program

Under the direction of cooperating teachers and college supervisors, students assume full-time teaching responsibilities in public school classrooms, grades 6-8 and/or grades 6-12, for one semester. Demonstration of academic and pedagogical skills is required.

COURSES IN HEALTH EDUCATION

HLED 202: Emergency Medical Training (3)

Instruction, demonstrations and practical work regarding safe and unsafe practices with a view to reducing accidents as well as learning the correct emergency aid of injured persons until medical help can be obtained.

HLED 221: Personal Health (2)

Designed to meet the health needs and interests of college students in

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their present environments and prepare them for future responsibilities.

HLED 222: School and Community Health (1)

An overview of the problems and practices associated with school and community health care programs.

HLED 471: Methods of Teaching Health (3)

Development of knowledge and skill for designing, implementing, and evaluating health instruction in the public school curricula.

HLED 495, 496: Special Topics in Health Education (1-3, 1-3)

COURSES IN LIBRARY MEDIA

LIBR 200: Basic Library Research (1)

Not for students pursuing the library media program of study. Study of basic bibliographies and reference tools. Includes the development of efficient search strategies and skills in the use of the library.

LIBR 201: Literature of the Sciences (1)

Prerequisite: LIBR 200

Not for students pursuing the library media program of study. Study of materials which will help students use the library more effectively in their undergraduate work. Includes chemistry, physics, biology, and mathematics.

LIBR 202: Literature of the Humanities (1)

Prerequisite: LIBR 200

Not for students pursuing the library media program of study. Study of materials which will help students use the library more effectively in their undergraduate work. Includes art, history, language, literature, music, philosophy, religion, and theatre.

LIBR 203: Literature of the Social Sciences (1)

Prerequisite: LIBR 200

Not for students pursuing the library media program of study. Study of materials which will help students use the library more effectively in their undergraduate work. Includes anthropology, business, economics, education, political science, psychology, and sociology.

LIBR 206: Medical Libraries (1)

Not for students pursuing the library media program of study. An introduction to the basic bibliographies, reference works, and routines

used in medical libraries.

LIBR 310: Reference and Bibliography (3)

Prerequisite: ENGL 102

An introduction to standard bibliographies and reference works in various subject fields.

LIBR 320: Technical Services (3)

Prerequisite: ENGL 102

An introduction to the basic principles and methods of library technical processes, including acquisitions, serials, classification and cataloging, and circulation routines.

LIBR 326-327-328: Library Laboratory (1-1-1)

Prerequisite: LIBR 310 or 320

Supervised work experience in the College's library.

LIBR 330: School Library Administration (3)

Prerequisites: ENGL 102, LIBR 310 or 320

An introduction to school librarianship with emphasis on the historical development, philosophy, objectives, and place of the library in the instructional program of the school. Includes book selection and collection development.

LIBR 335: Library Field Experience (1-3)

Prerequisite: LIBR 310 or 320

Supervised work experience in libraries other than the College's library. Written analysis of experience required.

LIBR 340: Internship in School Library Service (6)

Prerequisites: LIBR 310, 320, 330, and admission to the TEP

Participation in the routines and procedures of the school library. Fulfills internship requirement for licensure as a school librarian and may be used to meet part of the professional education requirements.

LIBR 495, 496: Special Topics in Library Media (1-3, 1-3)

LIBR 497: Independent Study (1-3)

COURSES IN PHYSICAL EDUCATION

PHYE 300: Safety Education and First Aid (3)

A study of safety and first aid designed to prepare students to teach

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safety education and to administer first aid.

PHYE 305: Officiating (3)

This course provides the student the opportunity to gain knowledge and experience in officiating athletic contests through lectures, clinics and applications. Students will learn the philosophies and fundamentals of officiating, the mechanics, rules and interpretations of different sports and apply the classroom knowledge by officiating intramural contests.

PHYE 320: Physical Education Activities for the Elementary School (3)

The philosophy, content, and methods appropriate for teaching physical education in elementary school. Two hours lecture and three hours laboratory (physical education activities).

PHYE 324: Foundations and Trends in Physical Education (3)

History, principles, philosophies, and trends in the fields of physical education.

PHYE 335: Organization and Administration of Physical Education Programs (3)

Analysis and discussion of the various aspects of school programs of physical education, intramurals, and recreational activities.

PHYE 340: Basic Athletic Training (3)

This course will describe what an athletic trainer is and does, how to become certified and the basic anatomy needed to evaluate and treat injuries. Special consideration will be given to taping and bracing for injury prevention.

PHYE 350: Human Anatomy for the Physical Educator (3)

A study of the structure of the human body and its role in physical activity.

PHYE 351: Evaluations in Physical Education (3)

Analysis of tests and measurements in physical education. Emphasis on the selection, administration, evaluation, and methods of using results of various tests.

PHYE 360: Exercise Physiology (3)

The scientific study of human functions, cellular response, and tissue adaptations under the stress of muscular activity.

PHYE 365: Kinesiology (3)

The study of the mechanics of the muscle-skeletal system and their

application to sports and games.

PHYE 400: Adaptive Physical Education (3)

Examination of the concepts and organization of activities in physical education for the handicapped and atypical. The scope and function of therapeutic recreation service in the rehabilitation process will be studied.

PHYE 467: Skills and Techniques in Teaching Team and Individual Sports (3)

Instruction in the methods of teaching the skills and techniques of physical education and athletic activities.

PHYE 470: Teaching Internship in Physical Education (12)

Prerequisite: Admission to the Teacher Education Program

Under the supervision of cooperating teachers and college supervisors, students will assume full-time teaching responsibilities in public school physical education classes for a period of 10 weeks.

PHYE 495, 496: Problems in Physical Education (1-3, 1-3)

PHYE: Physical Education Activity Courses (Basic Skills)

Offered for credit/no credit only. Most activities courses are taught for eight weeks and 0.5 semester hour credit is awarded for satisfactory completion of a course. Courses which meet for a full semester and carry a full semester hour of credit are followed by (1).

Aerobics 281, 282

Archery 103

Backpacking 143

Badminton 113

Basketball 261

Camping 153

Conditioning 243

Dance 283

Golf (Beginning) 123

Golf (Intermediate) 193

Gymnastics 183

General Recreation 263

Self-Defense 253, 254

Softball 273

Swimming (Beginning) 203

Swimming (Intermediate) 293

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Prerequisite: Demonstration of swimming ability

Advanced Swimming and Diving 303

Prerequisite: Demonstration of swimming ability

Advanced Life Saving 313 (1)

Prerequisite: Demonstration of swimming ability

Water Safety Instructor 333 (1)

Prerequisite: PHYE 313 and demonstration of swimming ability. Entire semester required.

Tennis (Beginning) 133

Tennis (Intermediate) 173

Volleyball 223

Problems in Physical Education 195, 196 (0.5 or 1, 0.5 or 1)

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