

INTERDISCIPLINARY STUDIES, BACHELOR OF (B.I.S.) WITH A LIBERAL STUDIES FOR EARLY AND ELEMENTARY EDUCATION MAJOR [COLLEGE OF HUMANITIES AND SCIENCES]

The LSEE curriculum is carefully articulated to provide interdisciplinary course work and in-school learning experiences that prepare students to eventually, with licensure, teach at the elementary level (P-6). A number of general education courses are either required or recommended as electives to prepare for the core curriculum of advanced courses in this liberal studies major and the linked Extended Teacher Preparation Program that leads to licensure. Students in this major benefit from belonging to a community of learners.

Learning outcomes

Upon completing this program, students will have acquired:

- Proficiency in quantitative literacy: Students will demonstrate proficiency in understanding and explaining the categories of number and operations; algebra; geometry and measurement; and data analysis and probability.
- Proficiency in written and oral communication: Students will effectively communicate ideas in both written and oral formats.
- Proficiency in scientific knowledge: Students will integrate mathematics with life and physical sciences.
- Proficiency in humanities and social sciences: Students will integrate social sciences and apply content knowledge across humanities disciplines.
- Proficiency in experiential learning: Students will synthesize and apply content, theory and pedagogy in experiential learning opportunities, including service-learning, school observations and practicum field placements.
- Proficiency in dispositions: Students will exhibit the professional dispositions for educators valued by the School of Education.
- Proficiency in reflection: Students will be able to engage in reflective practice and critically evaluate their own performance and writing, as well as those of others.

Special requirements

To become an elementary school teacher, students are expected to declare the liberal studies for early and elementary education major. The major is the College of Humanities and Sciences' undergraduate part of the five-and-a-half-year Extended Teacher Preparation Program. The LSEE major requires a minimum of 120 credits within a highly structured, pre-professional program that combines with the Master of Teaching in the Extended Teacher Preparation Program in with the School of Education. Successful completion of the LSEE major results in a Bachelor of Interdisciplinary Studies degree, which is awarded simultaneously with the M.T.

The LSEE major is separated into two divisions: foundation level and upper level. Students are first admitted to the foundation level after

review of their SAT scores and GPA. Entering freshmen and transfer or change-of-major students are required to have a minimum GPA of 3.0 to be admitted. Advancement to upper-level status requires 60 or more credits (including TEDU 101 and the classes listed as completing the College of Humanities and Sciences general education requirements), a minimum cumulative GPA of 3.0 and a passing score on PRAXIS I or its alternatives. After completing at least 75 credits, LSEE students with upper-level status can apply for admittance to the School of Education's Extended Teacher Preparation Program. With a minimum GPA of 3.0 in their last 60 credits and appropriate GRE or MAT scores, these LSEE students can apply to the graduate part of the program (M.T.) and continue their professional training.

Students must pass TEDU 101 and MATH 361 each with a minimum grade of C.

The B.I.S. with the LSEE major is not designed as a terminal degree and by itself will not fully certify one to teach. Students who have reached senior status (85 credit hours or more) in any other major must graduate with that major and return as post-baccalaureate students to the M.T. program.

Degree requirements for Interdisciplinary Studies, Bachelor of (B.I.S.) with a liberal studies for early and elementary education major

General education requirements

Course	Title	Hours
University Core Education Curriculum (minimum 21 credits)		
UNIV 111 Play course video for Focused Inquiry I	Focused Inquiry I	3
UNIV 112 Play course video for Focused Inquiry II	Focused Inquiry II	3
UNIV 200	Inquiry and the Craft of Argument	3
	Approved humanities/fine arts	3
	Approved natural/physical sciences	3-4
	Approved quantitative literacy	3-4
	Approved social/behavioral sciences	3-4
Total Hours		21-24

Course	Title	Hours
Additional College of Humanities and Sciences requirements (11-23 credits)		
HUMS 202	Choices in a Consumer Society	1
	Approved H&S diverse and global communities	3
	Approved H&S human, social and political behavior (fulfills University Core social/behavioral sciences)	
	Approved H&S literature and civilization (fulfills University Core humanities/fine arts)	
	Approved H&S science and technology (fulfills University Core natural/physical sciences)	
	Approved H&S general education electives	6-8
	Experiential fine arts ¹	1-3

Foreign language through the 102 level (by course or placement) 0-8

Total Hours 11-23

1

Course offered by the School of the Arts

Major requirements

Course	Title	Hours
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Math and statistics

MATH 303	Investigations in Geometry ¹	3
MATH 361	Numbers and Operations (minimum grade of C)	3
MATH 362	Algebra and Functions ¹	3
STAT 206	Data Analysis and Statistics for Elementary Education ^{1,2}	3

Natural sciences

Select one of the following biology sequences: 4

BIOL 101 & BIOZ 101	Biological Concepts and Biological Concepts Laboratory ³	
BIOL/ENVS 103	Environmental Science ³	
BIOL 151 & BIOZ 151	Introduction to Biological Sciences I and Introduction to Biological Science Laboratory I	
BIOL 152 & BIOZ 152	Introduction to Biological Sciences II and Introduction to Biological Science Laboratory II	

Select one of the following: 3

CHEM 110	Chemistry and Society ³	
PHYS 103	Elementary Astronomy ³	
INSC 201	Energy! ³	

Select one of the following: 3

ENVS 301	Introduction to Meteorology	
ENVS 310	Introduction to Oceanography	
INSC 300	Experiencing Science	

Select one of the following: 4

ENVS 105 & ENVZ 105	Physical Geology and Physical Geology Laboratory	
URSP 203 & URSZ 203	Physical Geography: Weather, Climate and Biogeography and Physical Geography Laboratory: Weather, Climate and Biogeography	
URSP 204 & URSZ 204	Physical Geography: Geomorphology and Soils and Physical Geography Laboratory: Geomorphology and Soils	
INSC 310	Content of Elementary Science ¹	3

Social studies

ECON 203	Introduction to Economics	3
HIST 101	Survey of European History	3
POLI 103	U.S. Government ³	3
or HIST 103	Survey of American History	
URSP 102	Introduction to Human Geography	3

Select one of the following: 3

RELS 108	Human Spirituality ³	
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RELS/INTL 311	Religions of the World	
RELS/INTL 312	Religions of the World	
SOCY/ANTH/GSWS 304	Sociology of Families	3
or SOCS 302	Diverse Families and Children in the United States	
or SOCS 303	Marriage and Family Relationships	

Cross-cultural communication

Select one to six credits from the following: 1-6

ENGL/LING/GSWS 452	Language and Gender	
ENGL/INTL 454/ ANTH 450	Cross-cultural Communication	
INTL 101	Human Societies and Globalization ³	
INTL 493	International Studies Internship	
MASC/INTL 151	Global Communications ³	
POLI/INTL 105	International Relations ³	
TEDU/FRLG 575	Intercultural Communication (approval required)	

Education

EDUS 301	Human Development and Learning	3
SEDP 330	Survey of Special Education	3
TEDU 101	Introduction to Teaching (minimum grade of C)	3
TEDU 310	Elementary School Practicum A (see curriculum outline for corequisites) ¹	2
TEDU 313	Elementary School Practicum B (see curriculum outline for corequisites) ¹	2
TEDU/ENGL 386	Children's Literature I ¹	3
TEDU/ENGL 389	The Teaching of Writing Skills ¹	3
TEDU 390	Physical Education for the Elementary Teacher ¹	3
TEDU 410	Classroom Management in Elementary Schools (see curriculum outline for corequisites) ¹	3
TEDU 411	Integrating the Arts in Curriculum for Young Children ⁴	3
or ARTE 301	Art for Elementary Teachers	
TEDU 414	Curriculum and Methods for Early/Elementary Children (see curriculum outline for corequisites) ¹	4
TEDU 426	Teaching Reading and Other Language Arts (see curriculum outline for corequisites) ¹	3
TEDU 510	Instructional Technology in K-12 Environments ¹	2

Total Hours 85-90

1

LSEE upper-level status required to take this class.

2

STAT 206 recommended, but STAT 208, STAT 210 or STAT 212 will satisfy this requirement.

3

Satisfies a general education credit.

4

LSEE upper-level status required and class satisfies general education credit.

Open electives

Course	Title	Hours
Consult with a program adviser regarding the selection of a possible minor or other coherent series of courses		0-3

Total minimum requirement 120 credits

What follows is a sample plan that meets the prescribed requirements within a four-year course of study at VCU. Please contact your adviser before beginning course work toward a degree.

Freshman year

Fall semester		Hours
UNIV 101	Introduction to the University	1
UNIV 111	Focused Inquiry I	3
Play course video for Focused Inquiry I		
Approved diverse and global communities ^{1,2}		3
Approved quantitative literacy		3-4
Approved science and technology ³		3-4
Term Hours:		13-15

Spring semester

HUMS 202	Choices in a Consumer Society	1
PHYS 103	Elementary Astronomy	3
or	or Chemistry and Society	
CHEM 110	or Energy!	
or		
INSC 201		
UNIV 112	Focused Inquiry II	3
Play course video for Focused Inquiry II		
Approved general education elective ^{1,4}		3-4
Approved human, social and political behavior ^{1,5}		3-4
Approved literature and civilization		3-4
Term Hours:		16-19

Sophomore year

Fall semester		Hours
HIST 101	Survey of European History	3
TEDU 101	Introduction to Teaching	3
UNIV 200	Inquiry and the Craft of Argument	3
Foreign language (101-level) or open elective		3-4
Select one of the following:		3
RELS 108	Human Spirituality ⁶	3
RELS/INTL 311	Religions of the World	3
RELS/INTL 312	Religions of the World	3

Or open elective	3
Term Hours:	15-16

Spring semester

EDUS 301	Human Development and Learning	3
MATH 361	Numbers and Operations	3
URSP 102	Introduction to Human Geography	3
URSP 204 & URSZ 204	Physical Geography: Geomorphology and Soils and Physical Geography Laboratory: Geomorphology and Soils	4
Foreign language (102-level) or open elective		3-4
Term Hours:	16-17	

Junior year

Fall semester

ECON 203	Introduction to Economics	3
ENVS 301	Introduction to Meteorology	3
or	or Introduction to Oceanography	
ENVS 310	or Experiencing Science	
or		
INSC 300		
MATH 362	Algebra and Functions ⁷	3
POLI 103	U.S. Government (or open elective) ⁶	3
Approved LSEE cross-cultural communication or open elective		1-6
Term Hours:	13-18	

Spring semester

MATH 303	Investigations in Geometry ⁷	3
SEDP 330	Survey of Special Education	3
SOCS 302	Diverse Families and Children in the United States	3
or	or Marriage and Family Relationships	
SOCS 303	or Sociology of Families	
or SOCY/		
ANTH/		
GSWS 304		
TEDU 390	Physical Education for the Elementary Teacher ⁷	3
TEDU 411	Integrating the Arts in Curriculum for Young Children	3
or	or Art for Elementary Teachers	
ARTE 301		
Open elective		3
Term Hours:	18	

Senior year

Fall semester

INSC 310	Content of Elementary Science ⁷	3
STAT 206	Data Analysis and Statistics for Elementary Education ⁷	3
TEDU/ENGL 386	Children's Literature I ⁷	3
TEDU/ENGL 389	The Teaching of Writing Skills ⁷	3
Open elective		3
Term Hours:	15	

Spring semester

TEDU 310	Elementary School Practicum A (senior capstone) ^{6,7,8}	2
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TEDU 410	Classroom Management in Elementary Schools ^{7,8}	3
TEDU 414	Curriculum and Methods for Early/Elementary Children ^{7,8}	4
TEDU 426	Teaching Reading and Other Language Arts ^{7,8}	3
TEDU 510	Instructional Technology in K-12 Environments ^{7,8}	2
Term Hours:		14
Total Hours:		120-132

1

Required for LSEE major.

2

RELS 108 recommended.

3

BIOL 101 and BIOZ 101 recommended.

4

INTL 101, MASC 151/INTL 151 or POLI 105/INTL 105 recommended.

5

POLI 103 recommended.

6

Satisfies a general education credit.

7

LSEE upper-level status required to take this class.

8

Note: TEDU 310, TEDU 410, TEDU 414, TEDU 426 and TEDU 510 must be taken as corequisites during the final semester.