### **Transmittal Memo**

Date: September 19, 2014

To: Joanne Arhar, Associate Dean for Student Services, Undergraduate Education

From: William Kist, ADED Program Coordinator

Re: Revision of ADED Dual Degree/Double Major policy; course revisions

This action is to establish a double major/dual degree policy for ADED programs.

Courses in the Workflow: ADED 42357: revise ADED 49525: revise

Curricular/consultative bodies that have approved this action:

ADED faculty: May 12, 2014 TLC SCC: March 21, 2014

# KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

		rreparation Date	3 12-War-14	Curriculum Bulletin
		Effective Date	Fall 2015	Approved by EPC
Donostroot	Tanahina Lassais	an and Oromia de	on Charling	
Department	Teaching, Learnin	•		
College	EH - Education, H	ealth and Huma	n Services	
Proposal	Establish Policy			
Proposal Name	ADED Double Ma	jor/Dual Degree	Policy	
Description of prop	oosal:			
Adolescence and provides teacher Language Arts [II	Young Adult Educa licensure in eight m NLA], Integrated Mat	tion (ADED) pro ajor academic a hematics [IMTH]	gram. The un reas: Earth So , Integrated S	jors/dual degrees in the dergraduate ADED program sience [ESCI], Integrated cience [ISCI], Integrated Social M], and Physical Sciences
•	n other programs, poli ions; need, audience)		es (e.g., duplica	ation issues; enrollment and
Units consulted (ot ADED programs	her departments, pro	grams or campus	es affected by	this proposal):
		REQUIRED ENI	OORSEMENTS	8
Alexa Y	Sydhen		<del></del> :	9,10,2014
Départment Chair	School Director			
Campus Dean (for	Regional Campuses	proposals)		
College Dean (or d	lesignee)			//
Dean of Graduate	Studies (for graduate	proposals)		
				1 1

Provost and Senior Vice President for Academic Affairs (or designee)

## Proposal Summary ADED Double Major/Dual Degree Policy

### Description of Action, Including Intended Effect

The purpose of this proposal is to establish a policy for double majors/dual degrees in the Adolescence and Young Adult Education (ADED) program. The undergraduate ADED program provides teacher licensure in eight major academic areas: Earth Science [ESCI], Integrated Language Arts [INLA], Integrated Mathematics [IMTH], Integrated Science [ISCI], Integrated Social Studies [INSS], Life Sciences [LFSC], Life Science/Chemistry [LSCM], and Physical Sciences [PHSC].

\*According to University Policy, in certain cases students may be able to complete the requirements for more than one academic major through either a double major or a dual-degree program of study. A double-major combines two major fields of study within the same degree program. A dual degree combines two majors from distinct degree programs or two majors from the same degree but from different colleges. The ADED program will generally approve double majors within ADED academic areas or dual degrees/double majors outside of ADED (such as Art Education, Music Education, etc.) as long as the following requirements are met:

- 1. All required content courses are taken for each major
- 2. All required methods courses are taken for each major.
- 3. Separate practicum and inquiry courses must be taken for each major as listed below:
  - ADED 42292 Field Work Practicum or the equivalent required by an outside program
  - \* ADED 49525 Inquiry into Professional Practice or the equivalent required by an outside program
- 4. Students double majoring in two ADED programs need only take one ADED 42357 Secondary Student Teaching course, consisting of a 16 week classroom experience involving both subject areas. The student teaching requirements for non-ADED students will be determined by faculty from both program areas at the time the program of study is developed, with a minimum 16 weeks spent in the classroom.
- 5. A program of study for those interested in pursuing a double major must be approved in writing by faculty from each major area prior to admission to advanced study.

The need for students to take content, methods and clinical coursework in both subject areas is due not only to assessment requirements of our professional associations (National Council of Teachers of English, National Council for the Social Studies, National Science Teachers Association, and the National Council of Teachers of Mathematics), but also to our own philosophical beliefs that there are different skillsets and experiences needed for our graduates to be effective in their future classrooms, depending on what subject(s) they eventually teach.

The \*paragraph above (in bold) will be included as a note on the bottom of each ADED major's program requirements in the University Catalog.

### Impact on Other Programs, Course Offerings, Students, Faculty, Staff (e.g., duplication issues)

ADED courses 42292 and 49525 will be repeatable, allowing students to receive credit for both courses. The GPS Audit will have to be coded to look for and accept courses for both majors. The student teaching course(s) for non-ADED students may require a course substitution to be completed, depending on individual circumstances.

### Fiscal, Enrollment, Facilities and Staffing Considerations

None

### Evidence of Need and Sustainability if Establishing

There are occasional students with an interest in having licensure in more than one subject area. Having a policy about double majors clearly stated will ensure that faculty, students and advisors are able to be clear with students who are interested in this option but, currently, might not be able to understand how it might be pursued.

### Provisions for Phase-Out if Inactivating

NA

**Timetable and Actions Required:** The proposal will go through the required curriculum approval process with changes to take effect fall 2015. The following is the anticipated schedule:

ADED approval: February 21 & May 12, 2014

TLC approval: March 21, 2014

presented to EHHS: September 26, 2014 presented to EPC: October 20, 2014







### Earth Science - B.S.E. Program Requirements

Download to print

Kent State University 2014 Catalog > College of Education, Health and Human Services > Undergraduate Programs > Earth Science - B.S.E. > Earth Science - B.S.E. > Forgram Requirements

Earth Science semester-by-semester Roadmap

Type Legend: DD Diversity–Domestic; DG Diversity–Global; ELR Experiential Learning; KAD Kent Core Additional; KBS Kent Core Basic Sciences; KCM Kent Core Composition; KFA Kent Core Fine Arts: KHU Kent Core Humanities; KMC Kent Core Mathematics and Critical Reasoning; KSS Kent Core Social Sciences; WIC Writing Intensive

4	DESTIN	ATION H	ENT STATE: FIRST YEAR EXPERIENCE (1 credit)	
Type	Course		Title	Credit
	US	10097	Destination Kent State: First Year Experience	1
10.0	MAJOR	PROGR	AM REQUIREMENTS(59 credits) 1 Count in Major GPA	Tipodi.
Тура	Course		Title	Credit
KBS	BSCI	10110	Biological Diversity	4
KAD		10120	Biological Foundations	4
KBS	CHEM	10060	General Chemistry I	4
KBS		10061	General Chemistry II	4
KBS		10062	General Chemistry   Laboratory	1
KBS		10063	General Chemistry II Laboratory	1.
	GEOG	31062	Meteorology	3
	1	31064	Climatology	3
		41073	Conservation of Natural Resources	3
KBS	GEOL	11040	How the Earth Works	3
KBS		11041	How the Earth Works Laboratory	1
KBS		11042	Earth and Life Through Time	3
KBS		11043	Earth and Life Through Time Laboratory	1
KBS		21080	All About the Oceans	3
	1-1-000	23063	Earth Materials I	4
		31070	Earth Materials II (4)	4
		32066	or Geomorphology (4)	
KBS	PHY	13001	General College Physics I	4
KBS		13002	General College Physics II	4
KBS		13021	General College Physics Laboratory I	1 .
KBS		13022	General College Physics Laboratory II	1
KBS		21430	Frontiers in Astronomy	3
IV.	ADDITIC	NAL PR	OGRAM REQUIREMENTS (74 credits)	
Гуре	Course		Title	Greats
WIC	ADED	32142	Principles of Teaching Adolescents 1	3
		32277	Teaching Science in Secondary Schools <sup>1</sup>	3
		42277	Topics in Secondary School Science Teaching	3
ELR		42292	Field Work Practicum <sup>1</sup>	3
ELR		42357	Secondary Student Teaching <sup>1</sup>	9
		49525	Inquiry into the Profession Practice 1	3
	CI	47330	Reading and Writing In Adolescent/Adulthood 1	3
	CULT	29535	Education in a Democratic Society <sup>1</sup>	3
	EPSY	29525	Educational Psychology 1	3
	ITEC	19525	Educational Technology <sup>1</sup>	3
KMC	MATH	11010	Algebra for Calculus	3
KMC		11022	Trigonometry	3

KAD		12002	Analytic Geometry and Calculus I	5
KMC		10041 30011	Introductory Statistics (4) or Basic Probability and Statistics (3)	3-4
KHU/DG	PHIL	11001	Introduction to Philosophy	3
KSS/DD	PSYC	11762	General Psychology	3
KSS/DD	SOC	12050	Introduction to Sociology	3
DD	SPED	23000	Introduction to Exceptionalities <sup>1</sup>	3
	Kent Co	re Compo	osition <sup>1</sup>	6-8
	Kent Co	re Human	nities and Fine Arts (minimum one from each)	6
			MINIMUM TOTAL	134

1. A minimum C (2.000) grade must be earned. A minimum C (2.000) grade must be earned in ADED 32142 to to fulfill the writing-intensive requirement.

#### Special Major Note:

Students who pass 15 credits of non-remedial academic coursework each fall and spring semester and the 1-credit First Year Experience course will accumulate 120 credits in four years. This major requires 134 credits for graduation. Students can stay on track for graduation by:

- Declaring their major as freshmen and completing all courses in sequence (bear in mind that switching majors may cause a delay
  in graduation);
- Prioritizing required courses above electives;
- Meeting regularly with their academic advisors to stay on track;
- Passing each required course the first time attempted and maintaining the minimal GPA for the major;
- Successfully completing more than 15 credit hours of relevant coursework (field-based work, internship) during academic semesters; and/or
- Completing relevant coursework (field-based work, internship) during summer sessions.

#### Licensure Requirement (not required for graduation):

Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. See Ohio Department of Education Educator Preparation website for more information on assessments specific to licensure type. Taking and passing the licensure tests prior to graduation is encouraged but not required.



NOTE: According to University Policy, in certain cases students may be able to complete the requirements for more than one academic major through either a double major or a dual-degree program of study. A double-major combines two major fields of study within the same degree program. A dual degree combines two majors from distinct degree programs or two majors from the same degree but from different colleges. The ADED program will generally approve double majors within ADED academic areas or dual degrees/double majors outside of ADED (such as Art Education, Music Education, etc.) as long as the following requirements are met:

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- 3. Separate practicum and inquiry courses must be taken for each major as listed below:
  - ADED 42292 Field Work Practicum or the equivalent required by an outside program
  - ADED 49525 Inquiry into Professional Practice or the equivalent required by an outside program
- 4. Students double majoring in two ADED programs need only take one ADED 42357 Secondary Student Teaching course, consisting of a 16 week classroom experience involving both subject areas. The student teaching requirements for non-ADED students will be determined by faculty from both program areas at the time the program of study is developed, with a minimum 16 weeks spent in the classroom.
- 5. A program of study for those interested in pursuing a double major must be approved in writing by faculty from each major area prior to admission to advanced study.







### Integrated Mathematics - B.S.E. Program Requirements

Integrated Mathematics semester by semester Roadmap

Type Legend: DD Diversity--Domestic; DG Diversity--Global; ELR Experiential Learning; KAD Kent Core Additional; KBS Kent Core Basic Sciences; KCM Kent Core Composition; KFA Kent Core Fine Arts: KHU Kent Core Humanities; KMC Kent Core Mathematics and Critical Reasoning; KSS Kent Core Social Sciences; WiC Writing Intensive

Please read the sections in the University Catalog on Kent Core, diversity, writing-intensive and the experiential learning requirements.

Type	Course		Title					
LLWV2+14141	US	10097	Destination Kent State: First Year Experience	1				
11.	MAJOR	PROG	RAM REQUIREMENTS(48 credits) Courses count in major GPA					
Туре	Course		Title	Create				
KMC	CS	10051	Introduction to Computer Science	4				
KMC	MATH	12002	Analytic Geometry and Calculus I	5				
KAD		12003	Analytic Geometry and Calculus II	5				
		21001	Linear Algebra with Applications	3				
		22005	Analytic Geometry and Calculus III	4				
		30011	Basic Probability and Statistics	3				
		31011	Discrete Mathematics	3				
		34001	Fundamental Concepts of Algebra	3				
		34002	Fundamental Concepts of Geometry	3				
		47021	History of Mathematics	3				
	Choose	from the	e following: Group A	6				
	MATH	41001	Introduction to Modern Algebra I (3)					
		41002	Introduction to Modern Algebra II (3)					
		41021	Theory of Matrices (3)					
		47011	Theory of Numbers (3)	7				
		Any 30	000-40000 level MATH elective (3)					
	Choose	Choose from the following: Group B						
	MATH	42021	Graph Theory and Combinatorics (3)					
		42024	Number and Games (3)					
		45021	Euclidean Geometry (3)					
		45022	Linear Geometry (3)					
			Elementary Topology (3)					
III.	ADDITI	ONAL P	ROGRAM REQUIREMENTS (72 credits)					
Туре	Course		Title	Credits				
WIC	ADED	32142	Principles of Teaching Adolescents <sup>1</sup>	3				
		32268	The Secondary Mathematics Curriculum <sup>1</sup>	3				
		42268	Teaching Mathematics in Secondary Schools	3				
ELR		42292	Field Work Practicum <sup>1</sup>	3				
ELR		42357	Secondary Student Teaching 1	9				
			Inquiry into Professional Practice 1	3				
KAD	СОММ	-	Introduction to Human Communication	3				
	CULT	_	Education in a Democratic Society <sup>1</sup>	3				
	EPSY		Educational Psychology <sup>1</sup>	3				
	HED		Health and Learning: Strategies for Students and Teachers	3				
	ITEC		Educational Technology 1	3				
	DILLO	04000		3				

3

KAD PHIL

21002 Introduction to Formal Logic



KSS/DD	PSYC	11762	General Psychology	3
CD	SPED	23000	Introduction to Exceptionalities <sup>1</sup>	3
	Kent Co	re Basic	Sciences (must include one laboratory)	6-7
	Kent Co	re Comp	position	6-8
	Kent Co	re Huma	anities and Fine Arts (minimum one course from each)	9
	Kent Co	re Socia	I Sciences (must be from two disciplines)	3
			MINIMUM TOTAL	121

1. A minimum C (2.000) grade must be earned for all courses. And a minimum C (2.000) grade must be earned in ADED 32142 to fulfill writing-intensive requirement.

#### Licensure Requirement (not required for graduation):

Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. See Ohio Department of Education-Educator Preparation website for more information on assessments specific to licensure type. Taking and passing the licensure tests prior to graduation is encouraged but not required.



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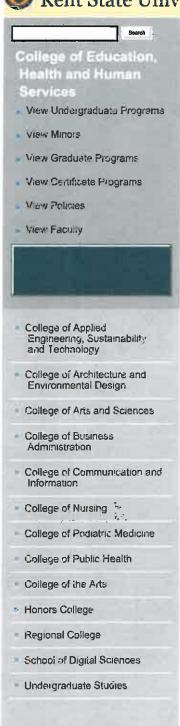
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### Integrated Language Arts - B.S.E. Program Requirements

Kent State University 2014 Catalog > College of Education, Health and Human Services > Undergraduate Programs > Integrated Download to print Language Arts - B.S.E. > Integrated Language Arts - B.S.E. > Integrat

Integrated Language Arts semester by semester Roadmap

Type Legend: DD Diversity-Domestic; DG Diversity-Global; ELR Experiential Learning; KAD Kent Core Additional; KBS Kent Core Basic Sciences; KCM Kent Core Composition; KFA Kent Core Fine Arts: KHU Kent Core Humanities; KMC Kent Core Mathematics and Critical Reasoning; KSS Kent Core Social Sciences; WIC Writing Intensive

Type	Cours	se Title	Credits
	US	10097 Destination Kent State: First Year Experience	1
11.	MAJO	R PROGRAM REQUIREMENTS (64 credits). Courses count in major GPA	
Туре	Cours	se Title	Credits
KAD/DD	COMN	ii 15000 Introduction to Human Communication (3) 26000 or Criticism of Public Discourse (3)	3
ELR	ENG	20021 Introduction to Creative Writing 43092 or Teaching Poetry in Schools	3
KHU		21054 Introduction to Shakespeare	3
KHU		22071 Great Books to 1700 (3) 22072 or Great Books since 1700 (3)	3
		24001 Introduction to Literary Study	3
		31005 Linguistics	3
		34004 British Literature, 1800-1900 (3) 34005 or British Literature, 1900-Present (3)	3
KSS/DD	JMC	20001 Media, Power and Culture	3
		26001 Multimedia Newswriting	3
		47003 Teaching High School Journalism	3
KFA/DG	THEA	11000 The Art of Theatre	3
	Choos	se from the following:	3
	ENG	25001 Literature in English I (3)	
		34001 Medieval Literature (3)	
		34002 British Literature, 1500-1660 (3)	
		34003 British Literature, 1660-1800 (3)	
	Choos	e from the following: Reading Against the Grain	3
DD	ENG	21001 Introduction to Ethnic Literature of the United States (3)	
DD		21002 Introduction to Women's Literature (3)	
DD		21003 Introduction to LGBT Literature (3)	
		33010 African-American Literature to 1900 (3)	
		33012 Modern African-American Literature (3)	
	_	33013 Pan-African Women's Literature (3)	
		33014 African-American Women's Literature (3)	
		33015 African Literatures (3)	
		34011 World Literatures in English (3)	
DD		34021 Women's Literature (3)	
DD		35301 LGBT: Critical Perspectives (3)	- 75 4-4
	Choos	e from the following: American Literature	6
	ENG	33001 U.S. Literature to 1865 (3)	
		33002 U.S. Literature, 1865-1945 (3)	
		33003 U.S. Literature, 1945-Present (3)	

	Choose from	the following: Linguistics	3
	ANTH 48210	Culture and Communication (3)	
	48240	The Symbolic Imperative (3)	
DG	COMM 35852	Intercultural Communication (3)	
	ENG 31001	Fundamentals of English Grammar (3)	
	31002	History of the English Language (3)	
	31004	Lexicology/Lexicography (3)	
	31008	Grammar for Teaching English as a Second Language/Teaching English as a Foreign Language (3)	
WIC	41001	Sociolinguistics in Schooling (3)	
	Choose from	the following: Electives	6-8
	ENG, COMM	or JMC 30000-40000-level courses (3-6)	
	Recommende	ed Electives	
מם	COMM 35912	Gender and Communication (3)	
	45007	Freedom of Speech (3)	
	ENG 25002	Literature in English II (3)	
	JMC 40022	Film as Communication (3)	
	47004	Desktop Publishing (1)	
DD	SOC 42568	Race and Ethnic Studies (3)	
	THEA 11303	The Art of Acting (3)	
	21016	Make-up for Stage and Screen (3)	
	Foreign langu	age courses 2 (8)	
1111	ADDITIONAL	PROGRAM REQUIREMENTS(66-71 credits)	-
Туре	Course	Title	Credi
WIC	ADED 32142	Principles of Teaching Adolescents 1	3
ELR		Field Work Practicum <sup>1</sup>	3
	42292	Field Work Practicum	
ELR		Secondary Student Teaching <sup>1</sup>	9
-	42357	Secondary Student Teaching <sup>1</sup>	9
-	42357 43315	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup>	
-	42357 43315 43325	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup>	3
-	42357 43315 43325 43335	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup> Teaching Language and Composition <sup>1</sup>	3
-	42357 43315 43325 43335 49525	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup> Teaching Language and Composition <sup>1</sup> Inquiry into Professional Practice <sup>1</sup>	3 3 3 3
-	42357 43315 43325 43335 49525 CULT 29535	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup> Teaching Language and Composition <sup>1</sup> Inquiry into Professional Practice <sup>1</sup> Education in a Democratic Society <sup>1</sup>	3 3 3 3 3
-	42357 43318 43325 43335 49525 CULT 29535 EPSY 29525	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup> Teaching Language and Composition <sup>1</sup> Inquiry into Professional Practice <sup>1</sup> Education in a Democratic Society <sup>1</sup> Educational Psychology <sup>1</sup>	3 3 3 3 3 3
-	42357 43315 43325 43335 49525 CULT 29535 EPSY 29525 HED 42575	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup> Teaching Language and Composition <sup>1</sup> Inquiry into Professional Practice <sup>1</sup> Education in a Democratic Society <sup>1</sup> Educational Psychology <sup>1</sup> Health and Learning: Strategies for Students and Teachers <sup>1</sup>	3 3 3 3 3 3
-	42357 43315 43325 43335 49525 CULT 29535 EPSY 29525 HED 42575 ITEC 19525	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup> Teaching Language and Composition <sup>1</sup> Inquiry into Professional Practice <sup>1</sup> Education in a Democratic Society <sup>1</sup> Educational Psychology <sup>1</sup> Health and Learning: Strategies for Students and Teachers <sup>1</sup> Educational Technology <sup>1</sup>	3 3 3 3 3 3 3 3
ELR	42357 43315 43325 43335 49525 CULT 29535 EPSY 29525 HED 42575 ITEC 19525 MCED 40007	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup> Teaching Language and Composition <sup>1</sup> Inquiry into Professional Practice <sup>1</sup> Education in a Democratic Society <sup>1</sup> Educational Psychology <sup>1</sup> Health and Learning: Strategies for Students and Teachers <sup>1</sup> Educational Technology <sup>1</sup> Teaching Reading with Literature in Middle Childhood <sup>1</sup>	3 3 3 3 3 3 3 3
-	42357 43315 43325 43335 49525 CULT 29535 EPSY 29525 HED 42575 ITEC 19525 MCED 40007 SPED 23000	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup> Teaching Language and Composition <sup>1</sup> Inquiry into Professional Practice <sup>1</sup> Education in a Democratic Society <sup>1</sup> Educational Psychology <sup>1</sup> Health and Learning: Strategies for Students and Teachers <sup>1</sup> Educational Technology <sup>1</sup> Teaching Reading with Literature in Middle Childhood <sup>1</sup> Introduction to Exceptionalities <sup>1</sup>	3 3 3 3 3 3 3 3
ELR	42357 43315 43325 43335 49525 CULT 29535 EPSY 29525 HED 42575 ITEC 19525 MCED 40007 SPED 23000 Kent Core Co	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup> Teaching Language and Composition <sup>1</sup> Inquiry into Professional Practice <sup>1</sup> Education in a Democratic Society <sup>1</sup> Educational Psychology <sup>1</sup> Health and Learning: Strategies for Students and Teachers <sup>1</sup> Educational Technology <sup>1</sup> Teaching Reading with Literature in Middle Childhood <sup>1</sup> Introduction to Exceptionalities <sup>1</sup> mposition	3 3 3 3 3 3 3 3 3 3 6-8
ELR	42357 43315 43325 43325 49525 CULT 29535 EPSY 29525 HED 42575 ITEC 19525 MCED 40007 SPED 23000 Kent Core Co Kent Core Ma	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup> Teaching Language and Composition <sup>1</sup> Inquiry into Professional Practice <sup>1</sup> Education in a Democratic Society <sup>1</sup> Educational Psychology <sup>1</sup> Health and Learning: Strategies for Students and Teachers <sup>1</sup> Educational Technology <sup>1</sup> Teaching Reading with Literature in Middle Childhood <sup>1</sup> Introduction to Exceptionalities <sup>1</sup> mposition thematics and Critical Reasoning	3 3 3 3 3 3 3 3 3 6-8 3-5
ELR	42357 43315 43325 49525 CULT 29535 EPSY 29525 HED 42575 ITEC 19525 MCED 40007 SPED 23000 Kent Core Co Kent Core Ma Kent Core So	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup> Teaching Language and Composition <sup>1</sup> Inquiry into Professional Practice <sup>1</sup> Education in a Democratic Society <sup>1</sup> Educational Psychology <sup>1</sup> Health and Learning: Strategies for Students and Teachers <sup>1</sup> Educational Technology <sup>1</sup> Teaching Reading with Literature in Middle Childhood <sup>1</sup> Introduction to Exceptionalities <sup>1</sup> mposition thematics and Critical Reasoning cial Sciences (must be from two curricular areas)	3 3 3 3 3 3 3 3 3 6-8 3-5 3
ELR	42357 43315 43325 49525 CULT 29535 EPSY 29525 HED 42575 ITEC 19525 MCED 40007 SPED 23000 Kent Core Co Kent Core Ma Kent Core So	Secondary Student Teaching <sup>1</sup> Teaching Literature in Secondary Schools <sup>1</sup> Multimodal Literature in Secondary Classroom <sup>1</sup> Teaching Language and Composition <sup>1</sup> Inquiry into Professional Practice <sup>1</sup> Education in a Democratic Society <sup>1</sup> Educational Psychology <sup>1</sup> Health and Learning: Strategies for Students and Teachers <sup>1</sup> Educational Technology <sup>1</sup> Teaching Reading with Literature in Middle Childhood <sup>1</sup> Introduction to Exceptionalities <sup>1</sup> mposition thematics and Critical Reasoning cial Sciences (must be from two curricular areas) sic Sciences (must include one laboratory)	3 3 3 3 3 3 3 3 3 6-8 3-5

- 1. All coursework requires a minimum C (2.000) grade. A minimum C (2.000) grade must be earning in ADED 32142 to fulfill the writing-intensive requirement.
- 2. Foreign language must be taken for two semesters

### Licensure Requirement (not required for graduation):

Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. See Ohio Department of Education-Educator Preparation website for more information on assessments specific to licensure type. Taking and passing the licensure tests prior to graduation is encouraged but not required.



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- 1. All required content courses are taken for each major
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- 3. Separate practicum and inquiry courses must be taken for each major as listed below:
  - \* ADED 42292 Field Work Practicum or the equivalent required by an outside program
  - ADED 49525 Inquiry into Professional Practice or the equivalent required by an outside program
- 4. Students double majoring in two ADED programs need only take one ADED 42357 Secondary Student Teaching course, consisting of a 16 week classroom experience involving both subject areas. The student teaching requirements for non-ADED students will be determined by faculty from both program areas at the time the program of study is developed, with a minimum 16 weeks spent in the classroom.
- 5. A program of study for those interested in pursuing a double major must be approved in writing by faculty from each major area prior to admission to advanced study.

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### Integrated Social Studies - B.S.E. Program Requirements

Kent State University 2014 Catalog > College of Education, Health and Human Services > Undergraduate Programs > Integrated Social Studies - B.S.E. > Integrated Social Studies - B.S.E. Program Requirements

- Economics concentration senseter by senseter Roadman
- Geography concentration semester by semester Roadman
- History concentration gemester by semester Roadman
- Political Science concentration semester by semester Roadmap
- Sociology concentration semester by semester Roadman

Type Legend: DD Diversity-Domestic; DG Diversity-Global; ELR Experiential Learning; KAD Kent Core Additional; KBS Kent Core Basic Sciences, KCM Kent Core Composition; KFA Kent Core Fine Arts: KHU Kent Core Humanities; KMC Kent Core Mathematics and Critical Reasoning; KSS Kent Core Social Sciences; WIC Writing Intensive

Type	Course		Title	Credit
	US	10097	Destination Kent State: First Year Experience	1
11.	MAJOR	PROGR	RAM REQUIREMENTS (39 credits) Courses count in major GPA	
Туре	Course		Title -	Credit
KSS	EÇON	22060	Principles of Microeconomics	3
KAD		22061	Principles of Macroeconomics	3
KSS	GEOG	10160	Introduction to Geography	3
KHU/DG	HIST	11050	World History: Ancient and Medieval	3
KHU/DG		11051	World History: Modern	3
KAD/DD		12070	History of the United States: The Formative Period	3
KHU/DD		12071	History of the United States: The Modern Period	3
KSS/DD	POL	10100	American Politics	3
KSS/DD	PSYC	11762	General Psychology	3
KS <b>S/</b> DD	SOC	12050	Introduction to Sociology	3
DD	WMST	30000	Colloquium in Women's Studies	3
	Choose	one fror	n the following: Psychology	3
	PSYC	21211	Psychology of Adjustment (3)	
		30652	Social and Personality Development (3)	
		31532	Social Psychology (3)	
		40112	Psychological Disorders of Childhood and Adolescence (3)	
			Development of Gender Role and Identity (3)	
10	ADDITIO	INAL P	ROGRAM REQUIREMENTS (51 credits)	
Type	Course		Title	Credits
	ADED	22275	Issues and Trends in Social Studies Education <sup>3</sup>	3
WIC		32142	Principles of Teaching Adolescents <sup>2</sup>	3
		32275	Curriculum and Pedagogy in Social Studies <sup>3</sup>	3
		42275	Teaching Social Studies in Grades 7-12 3	3
ELR		42292	Field Work Practicum <sup>3</sup>	3
ELR		42357	Secondary Student Teaching <sup>3</sup>	9
		49525		3
	CI	47330	Reading and Writing in Adolescence/Adulthood 3	3
	CULT		Education in a Democratic Society <sup>3</sup>	3
	EPSY		Educational Psychology <sup>3</sup>	3
	ITEC	19525		3
	SPED		Introduction to Exceptionalities 3	3

	Kent Core Composition		6-8
	Kent Core Fine Arts		3
	Kent Core Mathematics and Critical Reasoning		3-5
IV.	CONCENTRATION REQUIREMENTS (33 credits)		
	Economics (33)		
	Geography (33)		
	History (33)		
	Political Science (33)		
	Sociology (33)		
	Approx. ·	MINIMUM TOTAL	124

- 1. All courses within the Major Program Requirements and Concentration Requirements must be earned with a minimum C (2.000) grade.
- 2. A minimum C (2.000) grade must be earned to fulfill the writing-intensive requirement.
- 3. A minimum C (2.000) grade must be earned.

#### Special Major Note:

Students who pass 15 credits of non-remedial academic coursework each fall and spring semester and the 1-credit First Year Experience course will accumulate 121 credits in four years. This major requires 124 credits for graduation. Students can stay on track for graduation by:

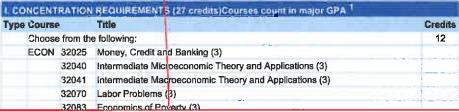
- Declaring their major as freshmen and completing all courses in sequence (bear in mind that switching majors may cause a delay in graduation);
- Prioritizing required courses above electives;
- Meeting regularly with their academic advisors to stay on track;
- Passing each required course the first time attempted and maintaining the minimal GPA for the major;
- Successfully completing more than 15 credit hours of relevant coursework (field-based work, internship) during academic semesters; and/or
- Completing relevant coursework (field-based work, internship) during summer sessions.

### Licensure Requirement (not required for graduation):

Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. See Ohio Department of Education-Educator Preparation website for more information on assessments specific to licensure type. Taking and passing the licensure tests prior to graduation is encouraged but not required.

#### **Economics Concentration**

For semester by semester course sequencing for this program view 2014-2015 Roadmap



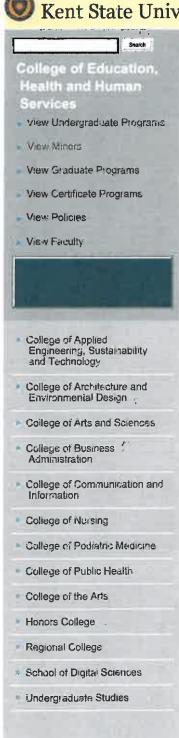
NOTE: According to University Policy, in certain cases students may be able to complete the requirements for more than one academic major through either a double major or a dual-degree program of study. A double-major combines two major fields of study within the same degree program. A dual degree combines two majors from distinct degree programs or two majors from the same degree but from different colleges. The ADED program will generally approve double majors within ADED academic areas or dual degrees/double majors outside of ADED (such as Art Education, Music Education, etc.) as long as the following requirements are met:

- 1. All required content courses are taken for each major
- All required methods courses are taken for each major.
- 3. Separate practicum and inquiry courses must be taken for each major as listed below:
  - ADED 42292 Field Work Practicum or the equivalent required by an outside program
  - ADED 49525 Inquiry into Professional Practice or the equivalent required by an outside program
- 4. Students double majoring in two ADED programs need only take one ADED 42357 Secondary Student Teaching course, consisting of a 16 week classroom experience involving both subject areas. The student teaching requirements for non-ADED students will be determined by faculty from both program areas at the time the program of study is developed, with a minimum 16 weeks spent in the classroom.
- 5. A program of study for those interested in pursuing a double major must be approved in writing by faculty from each major area prior to admission to advanced study.

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DG	37079	Geography of South Asia (3)
DG	37084	Geography of South America (3)
	37085	Geography of Central America and Mexico (3)
	41073	Conservation of Natural Resources (3)
	42064	Historical Geography of the United states and Canada (3)







### Integrated Science - B.S.E. Program Requirements

Kent State University 2014 Catalog > College of Education, Health and Human Services > Undergraduate Programs > Integrated Science - B.S.E. > Integrated Science - B.S.E. Program Requirements

- Chemistry concentration semester-by-semester Roadman
- Earth Science concentration semester-by-semester Roadman
- Life Science concentration semester-by-semester Roadmap
- Physics concentration <u>semester-by-semester Roadmap</u>

Type Legend: DD Diversity-Domestic; DG Diversity-Global; ELR Experiential Learning; KAD Kent Core Additional; KBS Kent Core Basic Sciences; KCM Kent Core Composition; KFA Kent Core Fine Arts: KHU Kent Core Humanities; KMC Kent Core Mathematics and Critical Reasoning; KSS Kent Core Social Sciences; WIC Writing Intensive

li.	_	ATION	KENT STATE: FIRST YEAR EXPERIENCE (1 credit)	
Type	Course		Title	Credits
	US	ALC: NAME OF TAXABLE PARTY.	Destination Kent State: First Year Experience	
11,	MAJOR	PROG	RAM REQUIREMENTS 1 (43 credits). Courses count in in	isjor GPA
Туре	Course		Title	Credits
KBS	BSCI	10110	Biological Diversity	4
KAD	1		Biological Foundations	4
	. Š.		Cell Biology	4
	*		Elements of Genetics	3
KBS	CHEM		General Chemistry I	4
KBS			General Chemistry II	4
KBS			General Chemistry I Laboratory	1
KBS			General Chemistry II Laboratory	1
			Basic Organic Chemistry I	- 4
	GEOG		Fundamentals of Meteorology	3
			Conservation of Natural Resources	3
KBS	GEOL		How the Earth Works	3
KBS	_		How the Earth Works Laboratory	1
KBS			Earth and Life Through Time	3
KBS			Earth and Life Through Time Laboratory	1
100.	_	_	ROGRAM REQUIREMENTS (74 credits)	
Туре	Course		Title	Credits
WIC	ADED		Principles of Teaching Adolescents 1	3
			Teaching Science in Secondary Schools 1	3
		42277	Topics in Secondary School Science 1	3
ELR		42292	Field Work Practicum <sup>1</sup>	3
ELR		42357	Secondary Student Teaching <sup>1</sup>	9
		49525	Inquiry into Professional Practice 1	3
	CI	47330	Reading and Writing in Adolescent/Adulthood 1	3
	CULT	29535	Education in a Democratic Society	3
	EPSY	29525	Educational Psychology 1	3
	ITEC	19525	Educational Technology 1	3
KMC	MATH	11010	Algebra for Calculus	3
KMC		11022	Trigonometry	3
KAD			Analytic Geometry and Calculus I	5
		10041	Introductory Statistics (4)	3-4

KHU/DG	PHIL	11001	Introduction to Philosophy	3			
KSS/DD	PSYC	11762	General Psychology	3			
KSS/DD	SOC	12050	Introduction to Sociology	3			
OD	SPED	23000	Introduction to Exceptionalities <sup>1</sup>	3			
	Kent Core Composition 1						
	Kent Core Humanities and Fine Arts (minimum one from each) 6						
IV.	CONCENTRATION REQUIREMENTS (26-30 credits)						
	Chemistry (27)						
	Earth Science (26)						
	Life Science (27)						
	Physics (30)						
			MINIMUM TOTAL	144-148			

1. A minimum C (2.000) grade must be earned on all major coursework and on marked courses. In order to fulfill writing-intensive requirement a minimum C (2.000) grade must be earned in ADED 32142.

### Special Major Notes:

- The Integrated Science major is designed to be completed in five years.
- Licensure Requirement (not required for graduation):
  - Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. See <u>Ohio</u>
     <u>Department of Education-Educator Preparation</u> website for more information on assessments specific to licensure type.
     Taking and passing the licensure tests prior to graduation is encouraged but not required.

### **Chemistry Concentration**

For semester-by-semester course sequencing for this program, view the 2014-2015 Roadmap.

CON	CENTRA	TON REC	UIREMENTS (27 credits)Courses count in	major GPA
Туре	Course	val	Title	Credits
	CHEM	30105	Analytical Chemistry I	3
		30284	Introductory Biological Chemistry	4
		30301	Inorganic Chemistry I	2

NOTE: According to University Policy, in certain cases students may be able to complete the requirements for more than one academic major through either a double major or a dual-degree program of study. A double-major combines two major fields of study within the same degree program. A dual degree combines two majors from distinct degree programs or two majors from the same degree but from different colleges. The ADED program will generally approve double majors within ADED academic areas or dual degrees/double majors outside of ADED (such as Art Education, Music Education, etc.) as long as the following requirements are met:

- 1. All required content courses are taken for each major
- 2. All required methods courses are taken for each major.
- 3. Separate practicum and inquiry courses must be taken for each major as listed below:
  - ADED 42292 Field Work Practicum or the equivalent required by an outside program
  - ADED 49525 Inquiry into Professional Practice or the equivalent required by an outside program
- 4. Students double majoring in two ADED programs need only take one ADED 42357 Secondary Student Teaching course, consisting of a 16 week classroom experience involving both subject areas. The student teaching requirements for non-ADED students will be determined by faculty from both program areas at the time the program of study is developed, with a minimum 16 weeks spent in the classroom.
- 5. A program of study for those interested in pursuing a double major must be approved in writing by faculty from each major area prior to admission to advanced study.

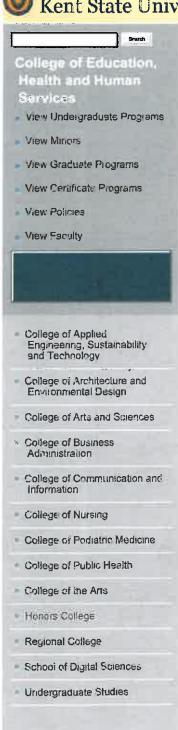
Туре	Course		Title	Credit
	CHEM	30301	Inorganic Chemistry I	2
	GEOL	21080	All About the Oceans	3
		23063	Earth Materials I	4
		31070 32066	Earth Materials II (4) or Geomorphology (4)	4
KBS	PHY	13001	General College Physics I	4
KBS		13002	General College Physics II	4
KBS		13021	General College Physics Laboratory I	1
KBS		13022	General College Physics Laboratory II	4
KBS		21430	Frontiers In Astronomy (3)	3
			MINIMUM SUBTOTAL	26

1. All courses within the Concentration Requirements must be earned with a minimum C (2.000) grade.

### Life Science Concentration







### Life Science - B.S.E. Program Requirements

Kent State University 2014 Catalog > College of Education, Health and Human Services > Undergraduate Programs > Life Science - B.S.E. > Life Science - B.S.E. Program Requirements



Life Science semester by semester Roadmap

Type Legend: DD Diversity-Domestic; DG Diversity-Global; ELR Experiential Learning; KAD Kent Core Additional, KBS Kent Core Basic Sciences; KCM Kent Core Composition; KFA Kent Core Fine Arts: KHU Kent Core Humanities; KMC Kent Core Mathematics and Critical Reasoning; KSS Kent Core Social Sciences; WIC Writing Intensive

Type	Course		Title Title	Credits			
	US	10097	Destination Kent State. First Year Experience	1			
W.	MAJOR	PROGR	AM REQUIREMENTS (58 credits) Courses count in major GPA				
Туре	Course		Title	Gredits			
KBS	BSCI	10110	Biological Diversity <sup>1</sup>	4			
KBS		10120	Biological Foundations	4			
		30140	Cell Biology <sup>1</sup>	4			
		30156	Elements of Genetics <sup>1</sup>	3			
		30360	General Ecology <sup>1</sup>	4			
•		40163	Evolution 1	3			
KBS	CHEM	10060	General Chemistry I 1	4			
KBS		10061	General Chemistry II 1	4			
KBS		10062	General Chemistry I Laboratory 1	1			
KBS		10063	General Chemistry II Laboratory 1	1			
		20481	Basic Organic Chemistry I 1	4			
		30284	Introduction to Biological Chemistry <sup>1</sup>	4			
KAD	GEOL	11042	Earth and Life Through Time 1	3			
KBS		11043	Earth and Life Through Time Laboratory	1/			
KBS	PHY	13001	General College Physics I <sup>1</sup>	4			
KBS		13002	General College Physics II 1	4			
KBS		13021	General College Physics Laboratory I 1	1			
KBS		13022	General College Physics Laboratory II 1	1			
	Choose from the following: 1 4						
	BSCI	30275	Local Flora (4)				
		30518	Vertebrate Anatomy (4)				
		30560	Invertebrate Zoology (4)				
		30580	Entomology (4)				
		30582	Ornithology (4)				
		40364	Limnology (4)				
		40556	Vertebrate Zoology (4)				
III	ADDITIC	NAL PR	OGRAM REQUIREMENTS (74 credits)				
Туре	Course		Title	Credits			
WIC	ADED	32142	Principles of Teaching Adolescents <sup>1</sup>	3			
		32277	Teaching Science in Secondary Schools 1	3			
		42277	Topics in Secondary School Science Teaching 1	3			
ELR		42292	Field Work Practicum <sup>1</sup>	3			
ELR		42357	Secondary Student Teaching <sup>1</sup>	9			
		49525	Inquiry into Professional Practice 1	3			
	CI	47330	Reading and Writing in Adolescent/Adulthood 1	3			

	CULT	29535	Education in a Democratic Society	3	
	EPSY	29525	Educational Psychology 1	3	
	ITEC	19525	Educational Technology <sup>1</sup>	3	
KMC	MATH	11010	Algebra for Calculus	3	
KMC		11022	Trigonometry	3	
KAD		12002	Analytic Geometry and Calculus I	5	
		10041 30011	Introductory Statistics (4) or Basic Probability and Statistics (3)	3-4	
KHU/DG	PHIL	11001	Introduction to Philosophy	3	
KSS/DD	PSYC	11762	General Psychology	3	
KSS/DD	SOC	12050	Introduction to Sociology	3	
GO	SPED	23000	Introduction to Exceptionalities 1	3	
	Kent Core Composition <sup>1</sup>				
	Kent Co	re Humar	nities and Fine Arts (minimum one from each)	8	
			MINIMUM TOTAL	133	

1. A minimum C (2.000) grade must be earned. A minimum C (2.000) grade must be earned in ADED 32142 to fulfill the writing-intensive requirement.

### Special Major Note:

Students who pass 15 credits of non-remedial academic coursework each fall and spring semester and the 1-credit First Year Experience course will accumulate 120 credits in four years. This major requires 133 credits for graduation. Students can stay on track for graduation

- 🧶 Declaring their major as freshmen and completing all courses in sequence (bear in mind that switching majors may cause a delay in graduation):
- Prioritizing required courses above electives;
- Meeting regularly with their academic advisors to stay on track;
- Passing each required course the first time attempted and maintaining the minimal GPA for the major;
- Successfully completing more than 15 credit hours of relevant coursework (field-based work, internship) during academic semesters; and/or
- Completing relevant coursework (field-based work, internship) during summer sessions.

#### Licensure Requirement (not required for graduation):

Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. See Ohio Department of Education-Educator Preparation website for more information on assessments specific to licensure type. Taking and passing the licensure tests prior to graduation is encouraged but not required.

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NOTE: According to University Policy, in certain cases students may be able to complete the requirements for more than one academic major through either a double major or a dual-degree program of study. A double-major combines two major fields of study within the same degree program. A dual degree combines two majors from distinct degree programs or two majors from the same degree but from different colleges. The ADED program will generally approve double majors within ADED academic areas or dual degrees/double majors outside of ADED (such as Art Education, Music Education, etc.) as long as the following requirements are met:

- 1. All required content courses are taken for each major
- 2. All required methods courses are taken for each major.
- 3. Separate practicum and inquiry courses must be taken for each major as listed below:
  - ADED 42292 Field Work Practicum or the equivalent required by an outside program
  - ADED 49525 Inquiry into Professional Practice or the equivalent required by an outside program
- 4. Students double majoring in two ADED programs need only take one ADED 42357 Secondary Student Teaching course, consisting of a 16 week classroom experience involving both subject areas. The student teaching requirements for non-ADED students will be determined by faculty from both program areas at the time the program of study is developed, with a minimum 16 weeks spent in the classroom.
- 5. A program of study for those interested in pursuing a double major must be approved in writing by faculty from each major area prior to admission to advanced study.







### Life Science/Chemistry - B.S.E. Program Requirements

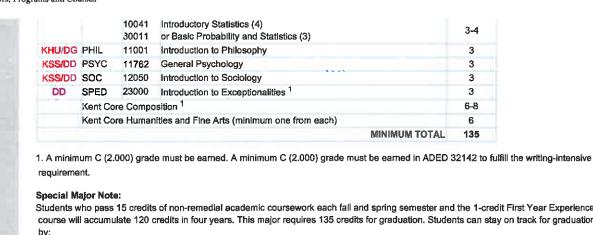


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Life Science/Chemistry semester by semester Roadman

Type Legend: DD Diversity–Domestic; DG Diversity–Global; ELR Experiential Learning; KAD Kent Core Additional; KBS Kent Core Basic Sciences; KCM Kent Core Composition; KFA Kent Core Fine Arts: KHU Kent Core Humanities; KMC Kent Core Mathematics and Critical Reasoning; KSS Kent Core Social Sciences; WIC Writing Intensive

KBS	MAJOR Course BSCI	10097 PROGR	Destination Kent State: First Year Expenence	1
Type KBS KBS	Course	PROGR		
KBS			AM REQUIREMENTS (60 credits) Courses count in major GPA	
	RSCI		Title	Credite
KBS	DOOL	10110	Biological Diversity	4
		10120	Biological Foundations	4
		30140	Cell Biology	4
		30156	Elements of Genetics	3
		30360	General Ecology	4
		40163	Evolution	3
KBS	CHEM	10060	General Chemistry I	4
KBS		10061	General Chemistry II	4
KBS		10062	General Chemistry   Laboratory	1
KBS		10063	General Chemistry II Laboratory	1
		20481	Basic Organic Chemistry I	4
		30105	Analytical Chemistry I	3
		30284	Introduction to Biological Chemistry	4
		30301	Inorganic Chemistry I	2
		30475	Organic Chemistry Laboratory I	1.
KAD	GEOL	11040	How the Earth Works	3
KBS		11041	How the Earth Works Laboratory	1
KBS	PHY	13001	General College Physics I	4
KBS		13002	General College Physics II	4
KBS		13021	General College Physics Laboratory I	1
KBS		13022	General College Physics Laboratory II	1
III	ADDITIO	NAL PR	OGRAM REQUIREMENTS (74 credits)	1
уре	Course		Title	Credits
WIC	ADED	32142	Principles of Teaching Adolescents 1	3
		32277	Teaching Science in Secondary Schools <sup>1</sup>	3
		42277	Topics in Secondary School Science Teaching	3
ELR		42292	Field Work Practicum <sup>1</sup>	3
ELR		42357	Secondary Student Teaching <sup>1</sup>	9
		49525	Inquiry into Profession Practice <sup>1</sup>	3
	CI	47330	Reading and Writing in Adolescent/Adulthood 1	3
	CULT	29535	Education in a Democratic Society <sup>1</sup>	3
	EPSY	29525	Educational Psychology <sup>1</sup>	3
	ITEC	19525	Educational Technology <sup>1</sup>	
KMC	MATH	11010		3
	WAIH		Algebra for Calculus	3
KAD		11022 12002	Trigonometry Analytic Geometry and Calculus I	3 5



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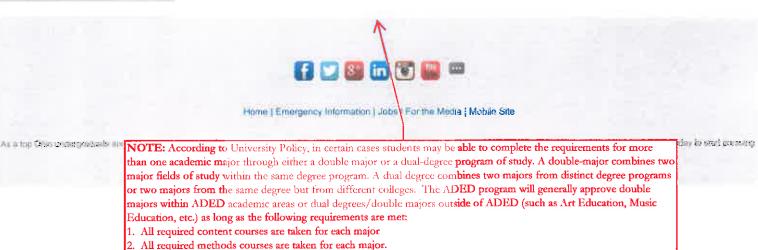
135

Students who pass 15 credits of non-remedial academic coursework each fall and spring semester and the 1-credit First Year Experience course will accumulate 120 credits in four years. This major requires 135 credits for graduation. Students can stay on track for graduation

- Declaring their major as freshmen and completing all courses in sequence (bear in mind that switching majors may cause a delay in graduation);
- Prioritizing required courses above electives;
- Meeting regularly with their academic advisors to stay on track;
- Passing each required course the first time attempted and maintaining the minimal GPA for the major;
- Successfully completing more than 15 credit hours of relevant coursework (field-based work, internship) during academic semesters; and/or
- Completing relevant coursework (field-based work, internship) during summer sessions.

#### Licensure Requirement (not required for graduation):

Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. See Ohio Department of Education-Educator Pregaration website for more information on assessments specific to licensure type. Taking and passing the licensure tests prior to graduation is encouraged but not required.



- Separate practicum and inquiry courses must be taken for each major as listed below:
  - ADED 42292 Field Work Practicum or the equivalent required by an outside program
  - ADED 49525 Inquiry into Professional Practice or the equivalent required by an outside program
- 4. Students double majoring in two ADED programs need only take one ADED 42357 Secondary Student Teaching course, consisting of a 16 week classroom experience involving both subject areas. The student teaching requirements for non-ADED students will be determined by faculty from both program areas at the time the program of study is developed, with a minimum 16 weeks spent in the classroom.
- 5. A program of study for those interested in pursuing a double major must be approved in writing by faculty from each major area prior to admission to advanced study.







### Physical Science - B.S.E. Program Requirements

Kent State University 2014 Catalog > College of Education, Health and Human Services > Undergraduate Programs > Physical Science - B.S.E. > Physical Science - B.S.E. Program Requirements

Physical Science <u>semester-by-semester Roadmap</u>

Type Legend: DD Diversity-Domestic; DG Diversity-Global; ELR Experiential Learning; KAD Kent Core Additional; KB\$ Kent Core Basic Sciences; KCM Kent Core Composition; KFA Kent Core Fine Arts: KHU Kent Core Humanities; KMC Kent Core Mathematics and Critical Reasoning; KSS Kent Core Social Sciences; WIC Writing Intensive

Type	Course		Title	Credits
	US	10097	Destination Kent State: First Year Experience	1
H.	MAJOR	PROGR	RAM REQUIREMENTS (55 credits) Courses count in m.	ojor GPA
Туре	Course		Title was a common with	Credite
KBS	BSCI	10120	Biological Foundations	4
KBS	CHEM	10060	General Chemistry I	4
KBS		10061	General Chemistry II	4
KBS		10062	General Chemistry I Laboratory	1
KBS		10063	General Chemistry II Laboratory	1
		20481	Basic Organic Chemistry I	4
		30105	Analytical Chemistry I	3
		30284	Introduction to Biological Chemistry	43
		30301	Inorganic Chemistry I	2
		40567	Basics of Physical Chemistry	4
	GEOG	31062	Fundamentals of Meteorology	3
KB\$	PHY	21430	Frontiers in Astronomy	3
KAD		23101	General University Physics I	5
KBS		23102	General University Physics II	5
WIC		30020	Intermediate Physics Laboratory	2
		36001	Introduction to Modern Physics	3
		32511	Electronics (4)	3-4
			or Applications of Modern Physics (3)	0-4
111.		ONAL P	ROGRAM REQUIREMENTS (76 credits)	
Туре	Course		Title	Credits
WIC	ADED	32142	Principles of Teaching Adolescents 1	3
		32277		3
		42277	Topics in Secondary School Science 1	3
ELR		42292	Field Work Practicum <sup>1</sup>	3
ELR		42357	Secondary Student Teaching <sup>1</sup>	9
		49525	Inquiry into Professional Practice 1	3
	CI	47330	Reading and Writing in Adolescent/Adulthood	3
	CULT	29535	Education in a Democratic Society 1	3
	EPSY	29525	Educational Psychology 1	3
	ITEC	19525	Educational Technology <sup>1</sup>	3
кмс	MATH	11010	Algebra for Calculus	3
KMC			Trigonometry	3
KAD			Analytic Geometry and Calculus I	5
		12003		5
HU/DG	PHIL	11001		3
	PSYC	11762	General Psychology	3



KSS/DD	SOC	12050	Introduction to Sociology	3	
DD	SPED	23000	Introduction to Exceptionalities <sup>1</sup>	3	
	Kent Core Composition 1				
	Kent Core Humanities and Fine Arts (minimum one from each)				
			MINIMUM TOTAL	132	

1. A minimum C (2.000) grade must be earned. A minimum C (2.000) grade must be earned in ADED 32142 to fulfill the writing-intensive requirement.

#### **Special Major Note:**

Students who pass 15 credits of non-remedial academic coursework each fall and spring semester and the 1-credit First Year Experience course will accumulate 120 credits in four years. This major requires 132 credits for graduation. Students can stay on track for graduation by:

- Declaring their major as freshmen and completing all courses in sequence (bear in mind that switching majors may cause a delay
  in graduation);
- Prioritizing required courses above electives;
- Meeting regularly with their academic advisors to stay on track;
- Passing each required course the first time attempted and maintaining the minimal GPA for the major;
- Successfully completing more than 15 credit hours of relevant coursework (field-based work, Internship) during academic semesters; and/or
- Completing relevant coursework (field-based work, internship) during summer sessions.

### Licensure Requirement (not required for graduation):

Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. See Ohio Department of Education-Educator Preparation website for more information on assessments specific to licensure type. Taking and passing the licensure tests prior to graduation is encouraged but not required.

**克罗尔 进入支票** 



នោធនាមួយដែលនាកាសដែល។ នៅស្វា

NOTE: According to University Policy, in certain cases students may be able to complete the requirements for more than one academic major through either a double major or a dual-degree program of study. A double-major combines two major fields of study within the same degree program. A dual degree combines two majors from distinct degree programs or two majors from the same degree but from different colleges. The ADED program will generally approve double majors within ADED academic areas or dual degrees/double majors outside of ADED (such as Art Education, Music Education, etc.) as long as the following requirements are met:

- 1. All required content courses are taken for each major
- 2. All required methods courses are taken for each major.
- 3. Separate practicum and inquiry courses must be taken for each major as listed below:
  - \* ADED 42292 Field Work Practicum or the equivalent required by an outside program
  - ADED 49525 Inquiry into Professional Practice or the equivalent required by an outside program
- 4. Students double majoring in two ADED programs need only take one ADED 42357 Secondary Student Teaching course, consisting of a 16 week classroom experience involving both subject areas. The student teaching requirements for non-ADED students will be determined by faculty from both program areas at the time the program of study is developed, with a minimum 16 weeks spent in the classroom.
- 5. A program of study for those interested in pursuing a double major must be approved in writing by faculty from each major area prior to admission to advanced study.

### **AUGUSTINE, SUSAN**

Subject:

FW: GPS question

From: LIEDEL, JOANNA

Sent: Friday, January 31, 2014 2:48 PM

To: ZARGES, KATHY
Subject: Re: GPS question

It would definitely be tricky but if we have cleared the other hurdles, we think we can do it. Let me know what they are thinking of doing curricularly. This shouldn't be your stumbling block.

Inanna

Sent from my iPad

On Jan 31, 2014, at 2:36 PM, "ZARGES, KATHY" < kmzarges@kent.edu> wrote:

### Joanna-

Yes, you are right about the catalog. I was at a meeting with ADED and Susan Augustine where they were talking about how they wanted to put something in the catalog that specifies that students in double majors need to do all of the courses- including 2 sets of student teaching, inquiry, etc. I brought up the fact that the courses would need to be repeatable as well, but I was not sure if GPS could recognize the difference and put the course only in one spot. If so- that would be part of a bigger curriculum change. At this point- we were wondering if that is even possible from a GPS standpoint.

Kathy M. Zarges
Director of Undergraduate Advising and Licensure
College of Education, Health and Human Services
Kent State University
<a href="mailto:kmzarges@kent.edu">kmzarges@kent.edu</a>
(330) 672-0554

From: LIEDEL, JOANNA

Sent: Friday, January 31, 2014 2:33 PM

**To:** ZARGES, KATHY **Subject:** Re: GPS question

I know there were always challenges with what those students were required to do-clear as mud, right?

I have two questions for you before we go to what GPS can do for these students and they relate back to the catalog.

- 1. Are these courses "repeatable"? Are they in the course catalog that they can be taken more than once and be given credit for them each time? If they aren't, they need to be because having them in multiple places in the audit won't allow them to be taken and given credit more than once.
- 2. Do you have a policy in the catalog that talks about students in dual majors and multiple concentrations and which courses they will need to take? This way you are clear with students that courses like Ed Tech, etc. can be shared but stating specifically what courses CANNOT.

I think those two items need to be in the catalog first. If they are already there, then I can have Marlena look at how she could code it. I talked to her briefly about it and she thinks it is possible.

Let me know what you think! Joanna

Sent from my iPad

On Jan 31, 2014, at 10:46 AM, "ZARGES, KATHY" < kmzarges@kent.edu> wrote:

This question has come up (slightly different, but same idea) twice now for two different program areas!

In the case of a double major or dual concentration- Is there any possible way to code GPS to differentiate between two programs that require the same course so that it holds the student to taking the same course twice???

For example- if a student is doing INSS and INLA and we want to hold them to two separate student teaching requirements, is there any way for the GPS to be coded to NOT let the first student teaching fill into both requirements? Same with Inquiry and Practicum? The same question came up with SPED if they are doing BOTH mild/moderate and moderate/intensive at the undergraduate level.

Thanks!

Kathy M. Zarges
Director of Undergraduate Advising and Licensure
College of Education, Health and Human Services
Kent State University
<a href="mailto:kmzarges@kent.edu">kmzarges@kent.edu</a>
(330) 672-0554

### **AUGUSTINE, SUSAN**

Subject:

FW: Catalog Update Approval Notification: CCU007227: Course-ADED 43315

Term-201510

The original proposal was approved by ADED faculty on February 21, 2014. The TEC SCC approved on March 21, 2014. The proposal was presented to EHHS CCC on April 18, 2014, where it was returned because of concerns about the student teaching requirement. The proposal was amended to clarify student teaching requirements.

From: KIST, WILLIAM

Sent: Friday, August 22, 2014 12:26 PM

To: AUGUSTINE, SUSAN

Subject: ADED

The ADED faculty discussed the double major issue at our May 12 meeting...the ADED faculty are in favor of double majors doing the complete list of coursework required of both licensure areas, including two separate student teachings...we are compromising with Joanne and allowing for double majors to only do one semester of student teaching.

Bill