

ALICE LLOYD COLLEGE
BIOLOGICAL SCIENCE EDUCATION GRADES 8-12
CURRICULUM GUIDESHEET

STUDENT'S NAME _____

ID: _____ Date: _____

GENERAL EDUCATION REQUIREMENTS/54 hours

INSTITUTIONAL/18 hours

Hours	Course (Hours)	Grade	Semester Taken
_____	CIS 110* (3)	_____	_____
_____	Comm 126* (3)	_____	_____
_____	Eng 101* (3)	_____	_____
_____	Eng 102* (3)	_____	_____
_____	LE 101* (3)	_____	_____
_____	PE 103* (3)	_____	_____

HUMANITIES/12 hours

Choose 3 hours from the following:

_____	Art 102 (3)	_____	_____
_____	Art 201 (3)	_____	_____
_____	Art 202 (3)	_____	_____
_____	Comm 201 (3)	_____	_____
_____	Comm 215 (3)	_____	_____
_____	Mus 101 (3)	_____	_____
_____	Mus 110 (3)	_____	_____

Choose 3 hours from the following:

_____	Eng 201 (3)	_____	_____
_____	Eng 202 (3)	_____	_____
_____	Eng 211 (3)	_____	_____
_____	Eng 212 (3)	_____	_____
_____	Eng 215 (3)	_____	_____
_____	Eng 216 (3)	_____	_____

Choose 6 hours from the following if not chosen previously with a maximum of 6 hours in any one department:

_____	Art 102 (3)	_____	_____
_____	Art 201 (3)	_____	_____
_____	Art 202 (3)	_____	_____
_____	Comm 201 (3)	_____	_____
_____	Comm 215 (3)	_____	_____
_____	Eng 201 (3)	_____	_____
_____	Eng 202 (3)	_____	_____
_____	Eng 211 (3)	_____	_____
_____	Eng 212 (3)	_____	_____
_____	Eng 215 (3)	_____	_____
_____	Eng 216 (3)	_____	_____
_____	Mus 101 (3)	_____	_____
_____	Mus 110 (3)	_____	_____

_____	Phil 105 (3)	_____	_____
_____	Phil 201 (3)	_____	_____
_____	Rel 101 (3)	_____	_____
_____	Rel 102 (3)	_____	_____
_____	Span 101 (3)	_____	_____
_____	Span 102 (3)	_____	_____
_____	Span 201 (3)	_____	_____
_____	Span 202 (3)	_____	_____
_____	Thea 161 (3)	_____	_____
_____	Thea 162 (3)	_____	_____

SOCIAL SCIENCE/12 hours

Choose 3 hours from the following:

_____	Hist 101 (3)	_____	_____
_____	Hist 102 (3)	_____	_____
_____	Hist 203 (3)	_____	_____
_____	Hist 204 (3)	_____	_____

Choose 3 hours from the following:

_____	Econ 209 (3)	_____	_____
_____	Econ 210 (3)	_____	_____
_____	Pols 101 (3)	_____	_____
_____	Pols 111 (3)	_____	_____
_____	Pols 112 (3)	_____	_____

Choose 3 hours from the following:

_____	Psy 101 (3)	_____	_____
_____	SSci 101 (3)	_____	_____
_____	Soc 101 (3)	_____	_____
_____	Soc 102 (3)	_____	_____

Choose 3 hours from the following if not chosen previously with a maximum of 6 hours in any one department:

_____	Econ 209 (3)	_____	_____
_____	Econ 210 (3)	_____	_____
_____	Hist 101 (3)	_____	_____
_____	Hist 102 (3)	_____	_____
_____	Hist 203 (3)	_____	_____
_____	Hist 204 (3)	_____	_____
_____	Hist 261 (3)	_____	_____
_____	Pols 101(3)	_____	_____
_____	Pols 111 (3)	_____	_____
_____	Pols 112 (3)	_____	_____
_____	Psy 101 (3)	_____	_____
_____	SSci 101 (3)	_____	_____
_____	Soc 101 (3)	_____	_____
_____	Soc 102 (3)	_____	_____
_____	Soc 211 (3)	_____	_____

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NATURAL SCIENCE/MATHEMATICS REQUIREMENTS/

12 hours

Required: 4 hours

_____ Biol 111* (4) _____

Choose 3-4 hours from the following:

_____ Math 110* (4) _____

_____ Math 112* (4) _____

_____ Math 113* (4) _____

_____ Math 125* (4) _____

Choose 4 hours from the following:

_____ Ast 101 (4) _____

_____ Chem 101 (4) _____

_____ Chem 115 (5) _____

_____ Phsc 101 (4) _____

_____ Phsc 105 (4) _____

_____ Phys 101 (4) _____

_____ Phys 211 (4) _____

BIOLOGY REQUIREMENTS/28-32 hours

Required: 24 hours

_____ Biol 205* (4) _____

_____ Biol 206* (4) _____

_____ Biol 220* (4) _____

_____ Biol 305* (4) _____

_____ Biol 306* (5) _____

_____ Biol 413* (4) _____

Choose 4 hours from the following:

_____ Biol 211* (4) _____

_____ Biol 212* (4) _____

_____ Biol 310* (4) _____

_____ Biol 315* (4) _____

_____ Biol 330* (4) _____

_____ Biol 451* (4) _____

NATURAL SCIENCE/MATHEMATICS COLLATERAL

REQUIREMENTS/19 hrs

Required: 15 hours

_____ Chem 115* (5) _____

_____ Chem 116* (5) _____

_____ Chem 225* (5) _____

Choose 4 hours of Math from the following:

_____ Math 113* (4) _____

_____ Math 114* (3) _____

_____ Math 125* (4) _____

_____ Math 126* (4) _____

_____ Math 225* (4) _____

_____ Math 226* (4) _____

_____ Math 227* (3) _____

_____ Math 250* (4) _____

_____ Math 315* (3) _____

_____ Math 330* (3) _____

PROFESSIONAL EDUCATION REQUIREMENTS/46 hours

Required: 46 hours

_____ Educ 200* (3) _____

_____ Educ 220* (1) _____

_____ Educ 306* (3) _____

_____ Educ 309* (3) _____

_____ Educ 311* (1) _____

_____ Educ 312* (1) _____

_____ Educ 313* (1) _____

_____ Educ 316* (3) _____

_____ Educ 321* (3) _____

_____ Educ 322* (3) _____

_____ Educ 330* (3) _____

_____ Educ 353* (3) _____

_____ Educ 370* (3) _____

_____ Educ 412* (12) _____

^Educ 409 is required of students who are obtaining more than one certification or need more time in the classroom prior to student teaching. If this course is not required for student a petition must be obtained.

PROFESSIONAL EDUCATION COLLATERAL

REQUIREMENTS/ 6 hours

_____ Hlth 210* (3) _____

_____ Educ 211* (3) _____

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**FOR THOSE STUDENTS WISHING TO ADD MIDDLE
SCHOOL CERTIFICATION IN SCIENCE:**

PROFESSIONAL EDUCATION REQUIREMENTS/3 hours

Required: 3 hours

_____ Educ 321* (3) _____

SCIENCE/29-30 hours

Required: 16 hours

_____ Ast 101* (4) _____

_____ Biol 111* (4) _____

_____ Biol 205* (4) _____

_____ Biol 206* (4) _____

Choose Option 1 or Option 2 for 13-14 additional hours:

Option 1:

Required: 14 hours

_____ Chem 115* (5) _____

_____ Chem 116* (5) _____

_____ Phys 211* (4) _____

Option 2:

Required: 13 hours

_____ Chem 115* (5) _____

_____ Phys 211* (4) _____

_____ Phys 212* (4) _____

**FOR THOSE STUDENTS WISHING TO ADD LBD
(LEARNING/BEHAVIOR DISORDER) CERTIFICATION:**

PROFESSIONAL EDUCATION REQUIREMENTS/23 hours

_____ Educ 324* (3) _____

_____ Educ 325* (3) _____

_____ Educ 326* (3) _____

_____ Educ 327* (3) _____

_____ Educ 328* (3) _____

_____ Educ 201* (4) _____

_____ Educ 301* (4) _____

*Certification for LBD also requires either EDUC 409 with a minimum of 110 hours of practicum or a minimum of 15 additional days of student teaching in a special education placement.

**GENERAL ELECTIVES/Sufficient to total 128 hours for
graduation. Students are encouraged to take courses that will
best meet their individual career needs.**

_____	[_____]	_____	_____
_____	[_____]	_____	_____
_____	[_____]	_____	_____
_____	[_____]	_____	_____
_____	[_____]	_____	_____
_____	[_____]	_____	_____
_____	[_____]	_____	_____
_____	[_____]	_____	_____
_____	[_____]	_____	_____
_____	[_____]	_____	_____

Notes:

Some current teacher education programs will be replaced by new certification programs in accordance with Education Professional Standards Board (EPSB) mandates. Questions regarding actual and projected changes should be discussed with Teacher Education personnel or the Dean of the College.

Teacher certification requirements are subject to change. Before registering for the test(s), please refer to the Education Professional Standards Board (EPSB) website at www.epsb.ky.gov for current requirements or contact the Division of Professional Learning and Assessment at 502-564-5789 or toll free at 888-598-7667.

Stage 1- Admission to Teacher Education Program

- A formal application with complete demographic information
- A transcript that verifies a Grade Point Average of 2.75 or better (or 3.0 in the last 30 hours of credit)
- Demonstrate critical thinking, creative thinking, collaboration, and proficient communication skills, including evidence of satisfactory written and oral competency.
- Passing scores on CASE Reading ≥ 156 , Math ≥ 150 , and Writing ≥ 162)
- Four satisfactory references: two from Alice Lloyd College faculty members and two from candidate's local community that include the dispositions of character, capability, and service.
- A satisfactory recommendation from the Director of the Student Work Program
- A satisfactory State Criminal Background Check and Negative Drug Test
- A satisfactory interview by Teacher Education Committee

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Stage 2- Admission to Student Teaching

- Complete formal application to Student Teaching
- Maintain a cumulative GPA of 2.75 or better
- Satisfactory completion of required clinical and field experiences
- (Student teaching will require documentation of at least 200 hours)
- Maintain current required student work performance
- Obtain passing score on the appropriate PRAXIS II and PLT exams
- Complete KDE Training Modules
- Be in good standing with office of the Dean of Students
- Submit a satisfactory State Criminal Background Check and Negative Drug Test
- Submit a satisfactory Medical Exam with TB Skin Test
- Submit signed curriculum guide sheet
- Be a member of KEA-AE
- Have been admitted to the Teacher Education Program for at least one full semester
- Submit working portfolio for preliminary evaluation

Stage 3 –Application for Teacher Certification

- Complete 12 credit hours of Student Teaching with a grade of “C” or better
- Maintain a cumulative GPA of 2.75 or better
- Complete Teacher Performance Assessment Tasks
- Submit Professional Teaching Portfolio
- Complete 70 days of student teaching
- Complete certification paperwork

STUDENT

DATE

ADVISOR (Content Area)

DATE

ADVISOR (Teacher Education Program)

DATE

DIRECTOR OF TEACHER EDUCATION

DATE

REGISTRAR

DATE

DEAN OF THE COLLEGE

DATE