

College of Human Resources and Education

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Degrees Offered

Bachelor of Science in Child Development and Family Studies

Bachelor of Science in Speech Pathology and Audiology

Five-Year Integrated Baccalaureate/M.A. in Elementary Education

Five-Year Integrated Baccalaureate/M.A. in Secondary Education

Nature of Program

The College of Human Resources and Education is divided into six academic departments: Counseling, Rehabilitation Counseling, and Counseling Psychology; Curriculum and Instruction — Literacy Studies; Educational Leadership Studies; Technology, Learning, and Culture; Special Education; and Speech Pathology and Audiology. The college's faculty and staff are located in Allen Hall on the Evansdale campus.

The college offers undergraduate programs in child development and family studies and in speech pathology and audiology. The college also offers teacher preparation programs in elementary and secondary education in which students earn a baccalaureate degree in a content area or in an area of specialization from the Eberly College of Arts and Sciences and a master of arts in elementary or secondary education by completing a five-year sequence of study. The teacher education programs integrate liberal studies, coursework in pedagogy and the content area, and a three-year sequence of clinical experiences in a professional development school. The College of Human Resources and Education cooperates with other schools and colleges at WVU to prepare teachers in agriculture, art, music, and physical education. The degree programs which prepare students to teach in these areas are housed in the College of Agriculture, Forestry, and Consumer Sciences; the College of Creative Arts; and the School of Physical Education.

The college offers graduate programs of study in counseling, counseling psychology, rehabilitation counseling, special education, speech pathology and audiology, curriculum and instruction, educational leadership, elementary education, reading, secondary education, educational psychology, and instructional design and technology. The Benedum Collaborative, the International Center for Disability Information, the Center for Teaching and Learning Technologies, the Speech and Hearing Clinics, the Center for Student Advising and Records, and the Reading Clinic are also located in the college.

Accreditation

West Virginia University is fully accredited for the preparation of teachers by the National Council for the Accreditation of Teacher Education (NCATE) and programs are approved by the West Virginia State Department of Education. The Ed.D. and Ph.D. are the highest degrees approved and offered. Students in elementary and secondary education must meet University requirements for admission, retention, and graduation, and West Virginia Department of Education requirements for teacher certification.

The program in speech pathology and audiology is fully accredited by the American Speech-Language-Hearing Association (ASHA). Upon completion of the master's degree in this field, students qualify for certification by ASHA and by the West Virginia Department of Education. The counseling program is fully accredited by the Council for Accreditation of Counseling and Related Educational Programs; counseling psychology is fully accredited by the American Psychological Association, and the rehabilitation counseling program is fully accredited by the Council on Rehabilitation Education.

Admission

Admission, curriculum, and degree requirements of the various degree programs of the College of Human Resources and Education are provided in each program section in this catalog. It is the responsibility of the student to take steps to insure that he or she is properly informed of the degree requirements and/or the certification standards being sought. Since certification requirements are changed periodically by the state, the fulfillment of certification requirements as presented in this catalog cannot guarantee compliance with the most recent requirements. Students are therefore encouraged to seek the counsel of members of the faculty, their advisors, and the college certification officer on matters pertaining to degree and certification requirements.

Child Development and Family Studies

Daniel E. Hursh, Ph.D., Chair, Technology, Learning and Culture

Carol A. Markstrom, Ph.D., Program Coordinator, Child Development and Family Studies

Barbara G. Warash, Ed.D., Director, Child Development Laboratory (Nursery School)

Program Description

The undergraduate program in child development and families studies which leads to a B.S. in which students can choose from two curriculum options: birth through pre-kindergarten early childhood education or family and youth studies. Birth through pre-kindergarten early childhood education is best suited for students who are interested in working with young children, from birth to four years, and their parents in pre-school or child care programs. Family and youth studies is best suited for students who are interested in working with older children, adolescents, and/or families in youth development or family development programs in community agencies.

Birth Through Pre-Kindergarten Early Childhood Education

The birth through pre-kindergarten early childhood education option focuses on the social, emotional, intellectual, and physical development of children. Students are educated to plan programs, perform selected developmental assessments, and interact with young children in developmentally appropriate ways. Settings for internship experiences include the West Virginia University Child Development Laboratory for preschool children and placements in community childcare centers to work with infants and toddlers. Upon graduation, students may apply for the West Virginia State Department of Education Certification in birth through pre-kindergarten education.

In collaboration with Fairmont State University, the program is also offering an early childhood director's credential. This credential is offered in three tiers, with the three-star credential requiring the greatest effort and the one-star credential requiring the least.

Family and Youth Studies

The emphasis in family and youth studies is designed for students with interests in older children, adolescents, and/or families. Students in this emphasis may be seeking careers working with these segments of the population in such settings as youth or family service agencies. Additionally, this emphasis is appropriate for students who will pursue graduate studies in human development, marriage and family therapy, education, developmental psychology, social work, and related fields. In the family and youth studies emphasis, students complete coursework related to family issues, family interaction, human growth and development, human sexuality, youth concerns, and related topics. All students are required to complete internships at community family- and/or youth-focused agencies. Students in this option may wish to consider completing a certificate in gerontology or disability studies or a minor in women's studies, communication studies, or sociology and anthropology.

Information for Transfer Students

A number of students transfer to WVU from other institutions, as well as transfer from within the University into CDFS. A student must have an overall average of 2.5 GPA in order to be accepted as a transfer into CDFS. In order for transfer students to complete the program requirements, they should anticipate spending additional time at the university to complete the program. Certain courses are offered only in the fall or spring of the sophomore, junior, and senior years. In addition, certain courses must be taken in a specified sequence. Students cannot take the following courses until they are accepted as majors into CDFS—211, 212, 412, 413, 415, and 491. Students transferring from other institutions must apply in advance with the WVU Office of Admissions and Records (304-293-2124) to determine which courses taken at other institutions will be given full credit at WVU.

Through the 2+2 articulation agreement between WVU and Fairmont State University (FSU), students transferring with an associate of applied sciences degree in early childhood from FSU are automatically entered into the CDFS undergraduate program at WVU.

Grade Information

Students must earn grades of C or better in all courses with the CDFS course designator. If the student receives a D or F in a CDFS course, the course must be taken over until a C or better is obtained. The credits associated with a D grade earned in a CDFS course will not count toward the 128 credit hours required for graduation. If a student's overall GPA drops below 2.0, he or she may be subject to academic probation and potentially suspension. A minimum cumulative GPA of 2.0 is required in order to graduate from WVU.

Career Opportunities

Graduates of CDFS may work with children in a variety of settings, such as public school early childhood education programs, Head Start, and child care centers. Additionally, students may find employment working with other children and adolescents in youth service agencies and with parents and families in a variety of social service settings. Salary is dependent on numerous factors, such as the qualifications of the graduate, the structure of the employing agency (the position, private/public, nonprofit/for profit, etc.), and the geographical location of the employment setting. The CDFS graduate is provided with a foundation for graduate work in a variety of social science and educational disciplines, including child/human development, family studies, developmental psychology, social work, public administration, and counseling.

Suggested Curricula—Birth Through Pre-Kindergarten Early Childhood

First year	Hrs.	Second year	Hrs.
ENGL 101	3	ENGL 102.....	3
MATH 121 or 124	3	SOCA 105	3
F&CS 101 (F)	1	PSYC 101.....	3
SOCA 101	3	CS 101	4
COMM 100 & 102.....	3	HN&F 171.....	3
BIOL 101 & 103.....	4	F&CS 265.....	3
CDFS 110, 112.....	6	CDFS 210, 211.....	6
Courses to fill		Courses to fill	
Obj. 3, 5, 8, or 9	9	Remaining Obj.	9
Total	32	Total	34
Third year	Hrs.	Fourth year	Hrs.
EDUC 200 (Spr)	3	F&CS 460.....	3
F&CS 381	3	CDFS 412, 413, 415.....	9
CDFS 212, 316, 491.....	9	F&CS 491.....	3
C&I 410, 411.....	6	CHPR 172	2
PET 384 or 400	2	C&I 414 (Spr) or THET 461.....	3
BUSA.....	3	BUSA.....	3
Electives	6	SPA 278 or SPED 350	3
Total	32	Electives	4
		Total	30

Suggested Curricula—Family and Youth Studies

First year	Hrs.	Second year	Hrs.
ENGL 101	3	ENGL 102.....	3
MATH 121 or 124	3	SOCA 105.....	3
F&CS 101 (F)	1	PSYC 101.....	3
SOCA 101	3	CS 101	4
COMM 100 & 102.....	3	HN&F 171.....	3
BIOL 101 & 103.....	4	F&CS 265.....	3
CDFS 110, 112.....	6	CDFS 210, 211.....	6
Courses to fill		Courses to fill	
Obj. 3, 5, 8, or 9	9	Remaining Obj.	9
Total	32	Total	34

Third year	Hrs.	Fourth year	Hrs.
EDUC 200	3	F&CS 460.....	3
F&CS 381.....	3	CDFS 412, 413, 415.....	9
CDFS 212.....	3	CDFS 320 (F), 321 (Spr).....	6
CHPR 172	2	F&CS 491 (F).....	3
SOWK 105.....	3	F&CS 491 (Spr).....	3
MDS 122 (F).....	3	Electives.....	7
MDS 212.....	3	Total	31
SOCA 221 (Spr)	3		
Electives	8		
Total	31		

Key: F = Fall Spr = Spring Obj. = GEC Objective

Speech Pathology and Audiology

Lynn R. Cartwright, Ed.D., Chair

Program Objectives

The Department of Speech Pathology and Audiology is committed to the preparation of students interested in graduate study and eventual careers in speech-language pathology or audiology. The pre-professional undergraduate program emphasizes education in the following: GEC; basic speech and hearing sciences; anatomy and physiology of the speech and hearing system; normal development and behavior in speech, hearing, and language; awareness of cultural diversity and its relationship to communication; and an introduction to communicative disorders.

Career Prospects

The professions of speech-language pathology and audiology are exciting fields wherein professionals provide services to individuals with communication disorders. The demand for certified practitioners is continually increasing; consequently, job prospects remain very good. The pre-professional undergraduate program and graduate study in either speech-language pathology or audiology enable graduates to seek employment in a variety of settings. Speech-language pathologists and audiologists are employed in schools, hospitals, rehabilitation centers, community clinics, physicians' offices, and private practice.

Pre-Speech Pathology and Audiology Admission

Normally, students are first admitted to the pre-SPA program of study and matriculate as such during the freshman and sophomore years. Pre-SPA students are assigned an advisor in the Department of Speech Pathology and Audiology.

To qualify for admission, incoming freshmen must present an overall high school GPA of 3.0 or higher, 1050 or higher on the SAT, or 23 on the ACT.

Students who transfer into pre-SPA during the freshman or sophomore year from either another major at WVU or from another university must present a grade point average of 2.75 for all undergraduate coursework taken prior to the time of transfer.

Requirements

Students are considered pre-SPA until they have met the requirements specified below and have applied and been accepted into the SPA degree program.

1. Completion of at least 58 academic hours. Specific requirements include partial completion of the General Education Curriculum (GEC), and others as listed below:
 - a. Objective 1: ENGL 101 and 102.
 - b. Objective 2: Completion of at least 13–14 academic hours. Must include:
Lab course = BIOL 101 and 103 or BIOL 102 and 104 or PHYS 101; Math course = college algebra (MATH 126) or a higher-level course and STAT 211 or ECON 255;
In addition to the lab course above, each student must select at least four additional academic hours from the following science courses:
4 hr. courses (select at least one)
BIOL 101 and 103; BIOL 102 and 104; BIOL 115; CHEM 111, 112, 115, 116; CS 101, 110; PHSC 111, 121; PHYS 101, 102, 111.
or
3 hr. courses (select at least two)
BIOL 235, 337; HN&F 171; MDS 126.
 - c. Objective 3: at least three academic hours completed in courses related to the past and its traditions.
 - d. Objective 4: LING 101.
 - e. Objective 6: UNIV 101 and PSYCH 101.
2. Completion of SPA 200 with a minimum grade of B, completion of SPA 199, and completion of SPA 270.
3. Overall GPA of 2.75.

These requirements are subject to change. Interested students should contact the Department of Speech Pathology and Audiology for information on current requirements.

B.S. Degree Program in Speech Pathology and Audiology Admission

After completing all pre-SPA requirements listed above, a student must apply for admission to the degree program by completing an application form obtained from the Department of Speech Pathology and Audiology in 805 Allen Hall. It is the student's responsibility to obtain an application form and submit it to the Department of Speech Pathology and Audiology between the deadline dates of January 15 and February 15. No applications will be accepted after February 15. After the application has been reviewed and verified, the student will receive a letter summarizing the department's admission decision. Students will be ranked according to their overall GPA for all undergraduate coursework. The 45 students with the highest GPA will be admitted to the B.S. degree program at the beginning of the junior year. Students who are not admitted must declare another major immediately and officially transfer to that department.

Following admission to the degree program, the student must continue to meet GPA standards set by the department in order to continue in the program and graduate with a degree in speech pathology and audiology.

Graduation Requirements

A total of 128 academic credit hours, including all SPA requirements, is required for the bachelor of science in speech pathology and audiology. The following are specific requirements:

1. Successful completion of the General Education Curriculum (GEC) including all pre-SPA required courses plus Statistics 211 or Economics 225 (this is a required course for SPA which meets the University mathematics skills component).
2. Successful completion of 17 hours of supporting area courses relating to natural sciences, normal/abnormal growth and development, and related issues.
3. Successful completion of a minimum of 56 hours of academic coursework in SPA.
4. Successful completion of minimum requirements in clinical practicum.
5. A cumulative GPA of 2.75 in all speech pathology and audiology courses and a cumulative GPA of 2.75 overall.

Teacher Education

Judy A. Abbott, Ph. D., Assistant Dean for Teacher Education

Elizabeth A. Dooley, Ed.D., Chairperson, Department of Curriculum and Instruction—Literacy Studies

Sarah Steel, M. A., Program Coordinator, Five-Year Teacher Education Program

Program Purposes and Goals

The curricula for teacher education programs at WVU are the products of cooperative efforts of faculty, students, and practitioners. These groups have engaged in systematic efforts to develop teacher education programs consistent with the mission of the University, the mission of the College of Human Resources and Education, the requirements of the West Virginia Department of Education, and the recommendations of professional organizations and learned societies.

The goals of the WVU teacher education program describe the qualifications that represent the end result of teacher preparation. Graduates of the program should have these qualifications:

- Possess a commitment to and the skills for life-long learning.
- Be effective communicators.
- Recognize that teaching is a professional, moral, and ethical enterprise with well-developed ethical frameworks which facilitate effective teaching.
- Be a facilitator of learning for all students.
- Possess in-depth knowledge of both pedagogy and content, as well as an integrated understanding of these two important knowledge areas.
- Be reflective practitioners who can thoughtfully apply knowledge and experience to practice and critically examine choices.
- Be aware of and have respect for human diversity.
- Be liberally educated: value and integrate knowledge from a wide variety of fields, be creative and open to new ideas, and be able to act constructively in a world characterized by technological, cultural, and societal diversity and change.

The teacher education program is a five-year program culminating in two degrees which are awarded simultaneously; a baccalaureate degree in the content area and a master's degree in education. The program meets standards for teacher licensure in West Virginia.

Programs for Elementary Education

All students preparing to teach early and middle childhood must complete requirements for the multi-subjects K–6 program. They must also select at least one of the following specialization options.

Specializations for Grades 5-9

French
General science
English
Mathematics
Social studies
Spanish

Specializations for K-adult

Special education, multi-categorical

Specializations for Early Childhood

Birth through age four. Pre-kindergarten and kindergarten

Programs for Secondary Education, Grades 5–Adult and 9–Adult

Students preparing to teach secondary education may select approved combinations of specializations in the following subjects and grade levels.

Specializations in Grades 5–adult

English
French

General science
German
Mathematics
Social studies
Spanish

Specializations in Grades 9–adult

Biology
Chemistry
Journalism (taken as a second specialization)
Physics

Admission to Pre-Education

High school students interested in teaching careers should seek admission to the pre-education program when applying to the University. Students may also seek admission to pre-education at any point between entry and successful completion of 59 hours of approved University coursework. To be admitted to pre-education, a student must have an ACT score of 23, an SAT math and verbal combined score of 1030, or a high school GPA of 3.0. Students transferring into teacher education must also have an acceptable University GPA. Since formal admission into teacher education cannot occur until 59 hours have been completed, those students admitted to education are designated pre-education students; the general admission requirements for teacher education are described below.

Admission to Teacher Education

Students are admitted to teacher education only in the spring semester. Admissions to teacher education are limited. Within both elementary and secondary education, enrollment is limited to the capacities of specific content areas. Pre-education students are advised to consult with advisors regarding the availability of the specializations in which they are most interested.

General Requirements for Admission

To be eligible for consideration for admission to teacher education, a student must do the following:

- Complete a minimum of 59 hours of approved University coursework.
- Achieve a 2.75 grade point average (GPA) computed on all approved University work attempted, and a 3.0 GPA with no grade below a C on all work completed in professional education.
- Achieve an acceptable level of performance as designated by the State Department of Education and/or the College of Human Resources and Education on the Praxis Pre-Professional Skills Tests.
- Submit a written portfolio which includes (a) a statement that all general requirements for admission into teacher education have been met, (b) letters of recommendation from faculty in education, (c) letters of recommendation from faculty in the subject area one wishes to teach, (d) evaluation from volunteer experience, (e) passing scores on the PPST, and (f) transcript.
- * Complete successfully EDUC 200 and all its prerequisites.
- * Complete an approved volunteer or work experience with children or youth.

Admission Process

Applications for admission to teacher education are accepted and reviewed in the spring semester. Students are normally admitted to teacher education in the fourth semester. The credentials of qualified pre-education students from WVU and WVU Potomac State College will be reviewed by the admissions committee, and students are admitted to the specialization of their choice in order of decreasing portfolio scores until the specialization reaches its capacity. If space is not available in the preferred specialization, students may elect to be considered for another specialization or compete for admission in the following year. Minority students may be given special consideration for admission to the major.

Remediation Options

Students who do not meet the skill-proficiency requirements listed under General Requirements for Admission may avail themselves of the numerous remediation options on campus, including the Reading and Study Skills Laboratory and the Teaching and Learning Technologies Center.

General Retention Requirements

Teacher education students must maintain a 2.75 grade point average in all hours attempted, and 2.50 in area(s) of specialization, and with no grade below a C on all work completed in professional education. Students must achieve an acceptable score on each applicable ETS Praxis subject area test and complete all undergraduate coursework by the end of the eighth semester. As applicable, students may fulfill any additional requirements within specific program areas.

Work Taken at Other Institutions

Required professional education courses must ordinarily be taken at WVU. Students who wish to take required courses at other NCATE accredited institutions must have their courses approved by the department chairperson before registering at another institution.

Graduate/Certification Requirements

To be eligible for recommendation for the master of arts in elementary or secondary education, a student must do the following:

- Comply with the general regulations of the University concerning entrance, advanced standing, classification, examination, grades, grade points, etc.
- Complete required courses and the minimum hours of approved courses in education.
- Adhere to the patterns prescribed in completing the subject specialization(s).
- Complete requirements for the approved baccalaureate in subject specialization (for prospective secondary teachers) or multidisciplinary studies (for prospective elementary teachers and secondary science teachers).
- Present a minimum of 158 hours of approved college credit. (Thirty of these must be approved graduate hours.) A general average of 2.75 as described under General Requirements for Professional Certification must be attained for the undergraduate hours with a GPA of at least 3.0 in the graduate hours.
- Submit an acceptable professional portfolio.

General Requirements for Professional Certification

Individual candidates apply for professional certification. To teach in the public schools of West Virginia, one must hold a professional certificate issued by the West Virginia Department of Education. To be eligible to receive a professional certificate, the WVU applicant must have done the following:

- Met the minimum State requirements.
- Met the University degree requirements.
- Completed at least 45 hours of upper-division work and 30 approved graduate hours (WVU standards).
- Achieved a grade point average of at least 2.75 on the total of college credits earned, on the hours earned in professional education, and in each subject specialization, on the hours earned in professional education, and 2.5 in each subject specialization.
- Demonstrated competence in supervised practica and internship.
- Complied with the West Virginia Board of Education regulations for Teacher Certification.
- Been recommended for certification by the dean of the College of Human Resources and Education.

All candidates for professional certification in West Virginia must be United States citizens.

Reciprocal Certification Agreements

West Virginia, at the time of this publication, has reciprocal agreements with certain other states for teacher certification. Inquiries about reciprocity should be directed to the Center for Student Advising and Records, 710 Allen Hall.

Calculation of Grade Point Averages

The West Virginia State Department of Education system of calculating grade point averages for certification purposes differs in some respects from the WVU system. For certification, all coursework attempted at WVU and at other institutions of collegiate rank will be considered. If a student earns a grade of D, F, or U in any course taken no later than the term when he or she has attempted a total of 60 hours, and the student repeats this course, the second grade earned will be used in determining the grade point average. The first grade will be disregarded.

The teacher education program uses the West Virginia State Department of Education system of calculating grade point averages only for admission to teacher education programs and professional internships, and for assessing teaching field and education averages. Academic performance and eligibility for graduation are assessed by the system used by WVU and other institutions governed by the West Virginia Higher Education Policy Commission.

Professional Education Sequence Teacher Education Program

All students enrolled in the program will complete the following professional education sequence as part of the five-year program.

Year One	Fall EDUC 100 <i>Education Colloquium*</i>	Spring Volunteering requirement**
Two	EDUC 100* Volunteering Req. **	EDUC 200 <i>Professional Inquiry</i>
Three	EDUC 301 <i>Learning I</i> EDUC 311 <i>Practicum I</i>	EDUC 312 <i>Practicum II</i>
Four	EDUC 400 <i>Instruct. Design & Eval.</i> EDUC 410 <i>Practicum III</i>	EDUC 401 <i>Managing & Organizing Learning Environments</i> EDUC 411 <i>Practicum IV</i>
Five	EDUC 612 <i>Prof. internship****</i> EDUC 602 <i>Prof. Id.: Teacher as Leader</i>	Prof. development semester*** EDUC 601 <i>Context of Education</i> EDUC 600 <i>Teacher as Researcher</i> EDUC 687 <i>Instructional practicum</i>

*EDUC 100 is a one-hour course which is to be taken in one of these semesters only. (All freshmen admitted directly to pre-education must take this in the first semester.)

**To be admitted to the major, students must document that they have had experience volunteering/working with children. This requirement may be completed during any semester or combination of semesters or summers prior to the professional inquiry course.

***In addition to the pedagogy courses listed, students also will take a capstone course in their teaching discipline and a elective graduate course during this semester.

****Thirty hours of graduate credit are earned during year five.

Other coursework in pedagogy, content, and liberal studies also is prescribed. Students accepted into pre-education will be provided with specific program information as part of the content of EDUC 100 *Colloquium* which is taken in the first year or in the fall semester of the second year. Students may also contact the Office of Teacher Education, (304) 293-0541, or the Center for Student Advising, (304) 293-2169, for information.

Elementary Education

Students preparing to be elementary teachers earn a baccalaureate in multidisciplinary studies and a master's degree in elementary education. The degrees are awarded simultaneously at the end of a five-year program which intertwines the study of liberal arts, the disciplines to be taught, and pedagogy. Graduates are eligible for West Virginia licenses to teach multi-subjects in grades K-6 and in their specialization. Students select from the following specializations: French 5–9, Spanish 5–9, math 5–9, general science 5–9, social studies 5–9, English/language arts 5–9, early childhood (pre-kindergarten to kindergarten), or special education K-adult. Because of the complexity of dual-degree licensure programs, pre-teacher education and teacher education students are advised in the HR&E Advising Center located in 710 Allen Hall. Please contact the HR&E Advising Center at (304) 293-2169 for more information about this program and its requirements.

Secondary English Education

Students preparing to be secondary English teachers earn a baccalaureate in English and a master's degree in secondary education. The degrees are awarded simultaneously at the end of a five-year program which intertwines the study of liberal arts, the discipline to be taught, and pedagogy. Graduates are eligible for West Virginia licenses to teach English/language arts in grades 5–adult. Because of the complexity of dual-degree licensure programs, pre-teacher education and teacher education students are advised in the HR&E Advising Center located in 710 Allen Hall. Please contact the HR&E Advising Center at (304) 293-2169 for more information about this program and its requirements.

Secondary Foreign Language Education

Students preparing to be secondary foreign language teachers of Spanish, French, or German earn a baccalaureate in foreign languages with a major in the appropriate language(s) and a master's degree in secondary education. The degrees are awarded simultaneously at the end of a five-year program which intertwines the study of liberal arts, the discipline to be taught, and pedagogy. Graduates are eligible for West Virginia licenses to teach Spanish in grades 5–adult, French in grades 5–adult, and German in grades 5–adult. (German must be combined with a second field.) Because of the complexity of dual-degree licensure programs, pre-teacher education and teacher education students are advised in the HR&E Advising Center located in 710 Allen Hall. Contact the HR&E Advising Center at (304) 293-2169 for more information about this program and its requirements.

Secondary Mathematics Education

Students preparing to be secondary mathematics teachers earn a baccalaureate in mathematics and a master's degree in secondary education. The degrees are awarded simultaneously at the end of a five-year program which intertwines the study of liberal arts, the discipline to be taught, and pedagogy. Graduates are eligible for West Virginia licenses to teach mathematics in grades 5–adult. Because of the complexity of dual-degree licensure programs, pre-teacher education and teacher education students are advised in the HR&E Advising Center located in 710 Allen Hall. Please contact the HR&E Advising Center at (304) 293-2169 for more information about this program and its requirements.

Secondary Science Education

Students preparing to be secondary science teachers earn a baccalaureate in multidisciplinary studies and a master's degree in secondary education. The degrees are awarded simultaneously at the end of a five-year program which intertwines the study of liberal arts, the discipline to be taught, and pedagogy. Prospective science teachers must combine two of the following options: biology 9–adult, chemistry 9–adult, physics 9–adult, or general science 5–adult. Graduates are eligible for the appropriate West Virginia license to teach science. Because of the complexity of dual-degree licensure programs, pre-teacher education and teacher education students are advised in the HR&E Advising Center located in 710 Allen Hall. Please contact the HR&E Advising Center at (304) 293-2169 for more information about this program and its requirements.

Secondary Social Studies Education

Students preparing to be secondary social studies teachers earn a degree in inter-departmental studies with a major in social studies and a master's degree in secondary education. The degrees are awarded simultaneously at the end of a five-year program which intertwines the study of liberal arts, the discipline to be taught, and pedagogy. Graduates are eligible for West Virginia licenses to teach social studies in grades 5–Adult. Because of the complexity of dual-degree licensure programs, pre-teacher education and teacher education students are advised in the HR&E Advising Center located in 710 Allen Hall. Contact the HR&E Advising Center at (304) 293-2169 for more information about this program and its requirements.