The Department of Teaching and Learning offers programs leading to the Master of Science in Education Degree with majors in Early Childhood Education, Elementary Education, Reading, and Secondary Education; and the Doctor of Philosophy in Education Degree with a concentration in Curriculum and Instruction that includes emphases in Curriculum and Instruction, Early Childhood, Literacy Leadership, and a variety of other curriculum areas. Programs leading to the Master of Science in Education Degree include the 5-year undergraduate/graduate program leading to the Bachelor of Science in Interdisciplinary Studies through the College of Arts and Letters with continuation into the Master of Science in Education Degree with initial teacher licensure in Early Childhood or Elementary Education. State-approved teacher preparation programs at the graduate level are also available for individuals with non-teaching bachelor degrees interested in licensure at the Elementary, Middle, or Secondary school grade levels. Additionally, the Department of Teaching & Learning offers programs leading to state licensure in Library Science, Reading Specialist, and Mathematics Specialist. Licensed teachers may select from several Master’s degree or post-baccalaureate endorsement programs as listed below.

**Early Childhood Education**

- Master of Science in Education, Early Childhood, Research Concentration (Non-Licensure)
- Master of Science in Education, Early Childhood, PreK-3, Initial Licensure
- Early Childhood, PreK-3, Post-Baccalaureate Endorsement
- Doctor of Philosophy - Education - Curriculum and Instruction Concentration - Early Childhood Education Emphasis

**Elementary Education**

- Master of Science in Education, Elementary Education, PreK-6, Initial Licensure
  - Interdisciplinary Studies (IDS)
  - Non-Interdisciplinary Studies
  - Military Career Transition (MCTP)
- Elementary Education, PreK-6, Post-Baccalaureate Endorsement
- Master of Science in Education, Elementary Education, Middle School, 6-8, Initial Licensure
  - Campus-Based
  - Military Career Transition (MCTP)
- Elementary Education, Middle School, 6-8, Post-Baccalaureate Endorsement
- Master of Science in Education, Elementary Education, Licensed Teachers
  - Campus-Based
  - Advanced Teaching
- Master of Science in Education, Elementary Education, Library Science, Initial Licensure
- Elementary Education, Library Science, Post-Baccalaureate Endorsement
- Master of Science in Education, Elementary Education, Library Science for Licensed Teachers
- Master of Science in Education, Elementary Education, Mathematics Specialist, Pre-K-8
- Elementary Education, Mathematics Specialist, Pre-K-8, Post-Baccalaureate Endorsement

**Secondary Education**

- Master of Science in Education, Secondary Education, 6-12, Initial Licensure
  - Campus-Based
  - Military Career Transition (MCTP)
- Secondary Education, 6-12, Post-Baccalaureate Endorsement
- Master of Science in Education, Secondary Education, 6-12, Licensed Teachers
  - Campus-Based
  - Advanced Teaching
- Master of Science in Education, Secondary Education, Library Science, K-12, Initial Licensure
- Master of Science in Education, Secondary Education, Library Science, K-12, Licensed Teachers
- Secondary Education, Library Science, K-12, Post-Baccalaureate Endorsement
- Master of Science in Education, Secondary Education, Teachers of English to Speakers of Other Languages (TESOL), K-12, Initial Licensure
- Secondary Education, Teachers of English to Speakers of Other Languages (TESOL), K-12, Post-Baccalaureate Endorsement

**Reading Education**

- Master of Science in Education, Reading Specialist, K-12, for Licensed Teachers
- Reading Specialist, K-12, Post-Baccalaureate Endorsement
- Doctor of Philosophy - Education - Curriculum and Instruction Concentration - Literacy Leadership Emphasis

**Doctor of Philosophy in Education - Curriculum and Instruction**

- Doctor of Philosophy - Education - Curriculum and Instruction Concentration - Choice of Emphasis
- Doctor of Philosophy - Education - Curriculum and Instruction Concentration - Literacy Leadership Emphasis
- Doctor of Philosophy - Education - Curriculum and Instruction Concentration - Early Childhood Education Emphasis

Due to changing University requirements, national accreditation standards, and Commonwealth licensure regulations, the programs in the Darden College of Education are under constant revision. Any changes resulting from these factors supersede the program requirements described in the catalog. Students are encouraged to obtain current program information from their advisors and the Darden College of Education website at http://odu.edu/education.

**Early Childhood Education**

Early Childhood Education programs include:

1. Master of Science in Education-Early Childhood with two concentration options: Research or Initial Licensure
2. Early Childhood Education, PreK-3, Post-Baccalaureate Endorsement

**Master of Science in Education, Early Childhood, Research Concentration (Non-Licensure)**

145 Education Building
757-683-3284

Angela Eckhoff, Program Director

A master’s degree in early childhood education with a research concentration will provide educators with an advanced professional degree and qualifications beyond licensure. Course work for the degree includes a focus on scholarly research, statistical analysis, and writing for professional...
journals. This degree is also suitable for students who wish to pursue a doctoral degree.

**Admission**

Admission to the graduate program in early childhood education is granted by the graduate program director in conjunction with early childhood faculty. The following requirements are necessary for admission to the program. Students must:

1. hold a baccalaureate degree from a regionally accredited institution;
2. have an undergraduate GPA of 3.0 or better;
3. submit satisfactory scores on the Graduate Record Examination (GRE) or a Miller Analogies Test (MAT); and,
4. submit a 400-500 word goal statement indicating personal goals and motivation for pursuing the early childhood education program

Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis subject to the conditions specified by the graduate program director.

**Continuance**

Students must:

1. maintain a grade point average of 3.00 overall,
2. successfully complete all competencies relative to the program of study, and
3. complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University.

For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions.

**Exit**

Students must:

1. have a grade point average of 3.00 overall and a grade of B- or better in all course work;
2. satisfactorily complete all program requirements, including the comprehensive examination;
3. submit satisfactory scores on the Graduate Record Examination (GRE) or a Miller Analogies Test; and
4. submit a written research project according to the program guidelines prior to the awarding of the Master of Science in Education degree.

**Program Requirements**

The master's degree requires a minimum of 30 credits of graduate study.

**Curriculum**

**Required Research Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOUN 612</td>
<td>Applied Research Methods in Education</td>
<td>15</td>
</tr>
<tr>
<td>FOUN 722</td>
<td>Introduction to Applied Statistics and Data Analysis</td>
<td></td>
</tr>
<tr>
<td>FOUN 641</td>
<td>Assessment and Evaluation of Student Learning</td>
<td></td>
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<tr>
<td>TLCI 735</td>
<td>Researching with Children: Contemporary Perspectives on the Child in Research</td>
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<tr>
<td>TLED 636</td>
<td>Problems in Education</td>
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**Required Core Courses**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>SPED 700</td>
<td>Social/Emotional Aspects of Child Development</td>
</tr>
<tr>
<td>TLCLI 736</td>
<td>Working with At-Risk Children and Families: An Ecological Approach</td>
</tr>
<tr>
<td>SPED 868</td>
<td>Internship: Special Education</td>
</tr>
<tr>
<td>TLCLI 740</td>
<td>Issues in Early Childhood Language and Literacy</td>
</tr>
</tbody>
</table>
| SPED 500   | Foundations of Special Education: Legal Aspects and Characteristics |}

**Total Hours** 30

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**Master of Science in Education, Early Childhood, PreK-3, Initial Licensure**

145 Education Building  
757-683-3284  
Angela Eckhoff, Graduate Program Director

This program is designed for prospective teachers who have completed the undergraduate program in teacher education primary/elementary offered by the Department of Interdisciplinary Studies in the College of Arts and Letters at Old Dominion University.

**Admission**

All students must apply for and be admitted into the approved M.S.Ed with initial licensure program for Early Childhood Education (grades PreK-3). The following admission criteria must be met:

1. The Bachelor of Science Degree in Interdisciplinary Studies with a concentration in teacher education, primary/elementary from the College of Arts and Letters at Old Dominion University is required.
2. Students must meet the criteria for admission by passing the Virginia Board of Education prescribed assessments and earning the minimum required grade point averages (GPA). Virginia Board of Education prescribed assessments are outlined in the Teacher Education Services Advising section of this catalog. To review more information on the Virginia Board of Education prescribed assessments, visit the Teacher Education Services website, http://www.odu.edu/tes.
3. A cumulative undergraduate GPA of 2.80 is required for admission.
4. No courses in the academic major in which the student has made below a C will be accepted for admission in the Darden College of Education.
5. Satisfactory scores must be submitted on either the Graduate Record Examination or Miller Analogies Test. A combined verbal and quantitative score of 290 is required on the GRE, with at least a minimum score of 146 on the verbal section. A minimum score of 399 is required on the MAT.
6. An application for graduate studies and official transcripts must be submitted by the appropriate deadline for admission. Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis subject to conditions specified by the graduate program director for early childhood, PreK–3, education.

**Continuance**

1. Students must maintain a cumulative GPA of 3.00 and a minimum of 3.00 GPA in the major.
2. A grade of “B” or higher is required in all practicum coursework.
3. Complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions.
4. Students must take and pass all Virginia Board of Education prescribed assessments including the Reading for Virginia Educators (RVE) coded 0306 paper delivered or 5306 computer delivered, the Virginia Communication and Literacy Assessment (VCLA), and the Praxis II code 5001 computer delivered, prior to or while enrolled in the Seminar in Teacher Education (TLED 583) course.
5. All course work in the program must be completed with at least a 3.00 graduate GPA, a grade of B in the advanced graduate practicum, and all assessments must be passed prior to attending the Teacher Candidate Internship Orientation session.
6. A grade of B- or higher is required in all professional education courses in the master's degree.
7. A clearance background check process must be completed prior to placement in a field experience required for practicum courses and for the teacher candidate internship. For more information, please review the policy in the Teacher Education Services website http://www.odu.edu/tes.
To review more information on the Virginia Board of Education prescribed assessments visit the Teacher Education Services website, http://www.odu.edu/tes.

Exit
Requirements for graduation include:
1. Passage of the written comprehensive exam;
2. Completion of the Graduate Assessment;
3. A minimum cumulative 3.00 GPA, successful completion of the 
   Teacher Candidate Internship, an completion of an exit interview, 
   and submission of an application for graduation. No courses in the 
   academic major in which the student earned below a C and no courses 
   in professional education in which the student earned below a B- will 
   be accepted toward licensure requirements in the Darden College of 
   Education.

Curriculum
Prerequisite *

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLED 474/574</td>
<td>Foundations and Contemporary Issues in Early Childhood Education (if not completed in BS program)</td>
<td>3</td>
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Required Courses

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tr>
<td>READ 683</td>
<td>Diagnostic Teaching of Reading in the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>SPED 500</td>
<td>Foundations of Special Education: Legal Aspects and Characteristics</td>
<td>3</td>
</tr>
<tr>
<td>FOUN 641</td>
<td>Assessment and Evaluation of Student Learning</td>
<td>3</td>
</tr>
<tr>
<td>TLED 677</td>
<td>Advanced Child Development Theory and Research</td>
<td>3</td>
</tr>
<tr>
<td>TLED 690</td>
<td>The Child and the Family</td>
<td>3</td>
</tr>
<tr>
<td>TLED 679</td>
<td>Advanced Classroom Management and Practicum in PreK-6</td>
<td>3</td>
</tr>
<tr>
<td>TLED 583</td>
<td>Seminar in Teacher Education</td>
<td>1</td>
</tr>
<tr>
<td>TLED 668</td>
<td>Internship/Student Teaching and Seminar</td>
<td>9</td>
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</tbody>
</table>

Total Hours 31

* If not completed in the BS IDS Teacher Preparation Concentration program.

Due to changing University requirements, national standards, and the Virginia Board of Education licensure regulations, the programs in the Darden College of Education are under constant revision. Any changes resulting from these factors supersede the program requirements described in this Catalog. Students are encouraged to obtain current program information from their advisors and from the Teacher Education Services website: http://www.odu.edu/tes.

Early Childhood Education, PreK-3, Post-Baccalaureate Endorsement
145 Education Building
757-683-3284
Angela Eckhoff, Graduate Program Director

This program is available only to students who already possess an undergraduate degree from Old Dominion University in Interdisciplinary Studies (IDS) Teacher Preparation concentration and who want to obtain a Virginia teaching license with an endorsement in preschool through grade three.

Admission

All students must apply for and be admitted into the approved post-baccalaureate endorsement program for Early Childhood Education (grades PreK-3). The following admission criteria must be met:

1. A bachelor’s degree from Old Dominion University in Interdisciplinary Studies (IDS) Teacher Preparation concentration is required to be considered for admission in this program.
2. Students must meet the required criteria for admission by passing the Virginia Board of Education prescribed assessments and earning the minimum required grade point averages (GPA) below. Virginia Board of Education prescribed entry assessments are outlined in the Teacher Education Services and Advising section of the catalog. Virginia Board of Education prescribed assessments:
   - A passing Praxis I composite score of 532 by December 31, 2013 or
   - Passing Praxis Core section scores (Reading Score of 156, Writing Score of 162, and Math Score of 150) beginning January 1, 2014 or
   - Qualifying SAT or ACT test scores or
   - Praxis I Math test score of 178 and a composite Virginia Communication and Literacy (VCLA) score of 470 by December 31, 2013 or
   - Praxis Core Math test score of 150 and a composite Virginia Communication and Literacy (VCLA) score of 470 beginning January 1, 2014 or
   - SAT Mathematics test score of 530 and a composite Virginia Communication and Literacy (VCLA) score of 470 or
   - ACT Mathematics test score of 22 and a composite Virginia Communication and Literacy (VCLA) score of 470

*To review more information on the Virginia Board of Education prescribed assessments visit the Teacher Education Services website, http://www.odu.edu/tes.

3. A cumulative undergraduate GPA of 2.75 is required for admission.
4. No courses in the academic major or professional education in which the student has made below a C will be accepted for admission in the Darden College of Education.
5. An application for non-degree admission must be submitted by the appropriate deadline for admission.

Continuance

1. Students must maintain GOOD ACADEMIC standing as noted on the academic transcript.
2. A grade of “B” or higher is required in all practicum coursework.
3. Students must complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions.
4. Students must take and pass all Virginia Board of Education prescribed assessments including the Reading for Virginia Educators (RVE) coded 0306 paper delivered or 5306 computer delivered, the Virginia Communication and Literacy Assessment (VCLA), and the Praxis II code 5001 computer delivered, prior to or while enrolled in the Seminar in Teacher Education (TLED 583) course.
5. All assessments must be passed prior to the Teacher Candidate Internship Orientation session. A clearance background check process must be completed prior to placement in a field experience required for practicum courses and for the teacher candidate internship. For more information, please review the policy in the Teacher Education Services website: http://www.odu.edu/tes. To review more information on the Virginia Board of Education prescribed professional assessments, visit the Teacher Education Services website, http://www.odu.edu/tes.

Exit
Requirements for completion are:

1. GOOD ACADEMIC standing, successful completion of the Teacher Candidate Internship, completion of all course requirements, and submission of an application for Virginia licensure.
2. No courses in the academic major or professional education in which the student earned below a C will be accepted toward licensure requirements in the Darden College of Education.

Program Requirements

Students seeking initial licensure for grades PreK-3 must meet the academic content knowledge requirements with a minimum grade of C. Transcripts will be evaluated by the teacher education advisor to determine whether these academic requirements have been met by previous course work at the undergraduate level. Subject area specific course work that was not met in previous course work must be completed prior to Teacher Candidate Internship (student teaching) orientation session.

Curriculum

<table>
<thead>
<tr>
<th>Prerequisite Courses</th>
<th>12</th>
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<tbody>
<tr>
<td>TLED 301</td>
<td>Foundations and Introduction to Assessment of Education</td>
</tr>
<tr>
<td>TLED 430/530</td>
<td>PK-12 Instructional Technology</td>
</tr>
<tr>
<td>SPED 313</td>
<td>Fundamentals of Human Growth and Development: Birth through Adolescence</td>
</tr>
<tr>
<td>TLED 468/568</td>
<td>Language Acquisition and Reading for Students with Diverse Learning Needs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>28</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 406/506</td>
<td>Students with Diverse Learning Needs in the General Education Classroom</td>
</tr>
<tr>
<td>TLED 474/574</td>
<td>Foundations and Contemporary Issues in Early Childhood Education</td>
</tr>
<tr>
<td>TLED 690</td>
<td>The Child and the Family</td>
</tr>
<tr>
<td>TLED 679</td>
<td>Advanced Classroom Management and Practicum in PreK-6</td>
</tr>
<tr>
<td>READ 683</td>
<td>Diagnostic Teaching of Reading in the Classroom</td>
</tr>
<tr>
<td>TLED 583</td>
<td>Seminar in Teacher Education</td>
</tr>
<tr>
<td>TLED 669</td>
<td>Internship/Student Teaching and Seminar</td>
</tr>
</tbody>
</table>

Total Hours 40

In order for a student to move from the post-baccalaureate endorsement program into the master’s program in early childhood, graduate admission must be granted prior to completing 12 semester hours of graduate work. If accepted into the program, only up to 12 semester hours can be counted toward the graduate degree.

Due to changing University requirements, national standards, and the Virginia Board of Education licensure regulations, the programs in the Darden College of Education are under constant revision. Any changes resulting from these factors supersede the program requirements described in this Catalog. Students are encouraged to obtain current program information from their advisors and from the Teacher Education Services website: http://www.odu.edu/tes .

Doctor of Philosophy, Education - Curriculum and Instruction Concentration

Early Childhood Education Emphasis

145 Education Building
757-683-3284

Angela Eckhoff, Advisor

The Doctor of Philosophy, Education - Curriculum and Instruction Concentration, with emphases in Curriculum and Instruction, Early Childhood Education, and Literacy Leadership provides the opportunity for students to become scholarly leaders to serve our nation’s schools, colleges, universities and related agencies such as business, government, and research institutions to contribute to global education. The curricula is solidly grounded in interpreting and producing research, use of technology to enhance the teaching/learning process, equity, and leadership, which are woven into common core courses and concentration-specific courses. The Ph.D., Education with a concentration in Early Childhood Education, through its integral partnership with the Old Dominion University Child Study and Development Centers, focuses on the multidisciplinary study of the cognitive, language, and healthy social/emotional development of young children from birth to age nine. The program prepares students to become faculty in colleges and universities and senior administrators in institutions and agencies. Personalized mentorship and professional training is provided for those who desire careers in academic research, child advocacy, program design and evaluation, and higher education, including teacher preparation, policy, and administrative leadership.

See the Ph.D., Education - Curriculum and Instruction Concentration for complete program information.

Elementary Education

General Description of Elementary Education

Elementary programs include the Master of Science in Education degree program and four post--baccalaureate licensure programs. Within the Master of Science in elementary education degree program there are a number of concentrations and emphasis area choices for both licensed teachers as well as those seeking initial licensure or endorsement. For those seeking initial licensure there are the following concentration areas: PreK-6, middle school 6-8, and library science K-12. Note: the library science concentration may also be done through Master of Science in Education, Secondary Education. For licensed teachers seeking additional education there are the following concentration areas: math specialist PK-8, library science K-12. Note: the library science concentration may also be done through Master of Science in Education, Elementary Education, Secondary Education), elementary generalist, and field-based. Post-baccalaureate endorsement programs are designed for individuals with a non-teaching B.S. or B.A. degree who want to obtain licensure or for those with a teaching license who want to be licensed in an additional teaching area. The four endorsement programs offered in elementary education are PreK-6, Middle School 6-8, Library Science K-12, and Mathematics Specialist PreK-8. Any changes resulting from these factors supersede the program requirements described in this Catalog. Students are encouraged to obtain current program information from their advisors and from the Teacher Education Services website: http://www.odu.edu/tes .

Master of Science in Education, Elementary Education, Pre-K-6, Initial Licensure

145 Education Building
757-683-3284

Judith Dunkerly-Bean, Graduate Program Director

Lindsay Davis, Advisor

Arminda Israel, Military Career Transition Program Coordinator & Veteran Advisor

The master’s program in elementary school education (PreK-6) is designed for individuals with a non-teaching B.S. or B.A. degree who want to obtain licensure as a teacher in preschool through grade six and earn a master’s degree at the same time. The Pre-K-6 initial licensure concentration offers three different emphasis areas: Interdisciplinary Studies (those getting a B.S. degree in Interdisciplinary Studies from ODU), Non-Interdisciplinary Studies (those with other non-teaching undergraduate degrees) and Elementary Career Transition (MCTP). For those seeking initial licensure in the area of library science, see the Library Science (School Librarianship K-12) section for complete program information.

Note to students in Washington State from the Student Achievement Council (SAC) concerning the Master of Science in Education, Elementary Education, PreK-6: Eligibility for initial educator certification in Washington is based on completion of a state approved educator preparation program. This program is approved in Virginia and is authorized for field placements in Washington by the Professional Educators Standards Board. Even though you may be residing in Washington while in this program,
your application for educator certification in Washington will be processed as
an out-of-state application. Go to http://pathway.peshb.wa.gov/archive/
outofstate for more information. Teachers are advised to contact their
individual school districts as to whether or not this program may qualify for
teacher advancement.

Admission
All students must apply for and be admitted into the approved M.S. Ed
with initial licensure program for Elementary Education (grades Pre-K-6).
Admission criteria include the following:

For the Non-Interdisciplinary Studies emphasis area a bachelor’s degree
from a regionally accredited college/university is required in the liberal
arts and sciences (or equivalent) including specific course work to meet
Virginia’s stated coursework competencies for elementary education (Pre-
K-6) subject area preparation.

For the Military Career Transition (MCTP) emphasis area see Military
Career Transition (MCTP) section for complete program information

For the Interdisciplinary Studies emphasis area the Bachelor of Science
Degree in interdisciplinary studies with a teacher preparation concentration,
primary/elementary from the College of Arts and Letters at Old Dominion
University is required. Students must meet the required criteria for admission
by passing the Virginia Board of Education prescribed assessments and
earning the minimum required grade point averages (GPA).

1. Students must meet the required criteria for admission by passing the
Virginia Board of Education prescribed assessments and earning the
minimum required grade point averages (GPA).

2. Virginia Board of Education prescribed assessments are outlined in the
Teacher Education Services and Advising section of this catalog.
Virginia Board of Education prescribed assessments:
a. A passing Praxis I composite score of 532 by December 31, 2013
   or
b. Passing Praxis Core section scores (Reading Score of 156, Writing
   Score of 162, and Math Score of 150) beginning January 1, 2014 or
c. Qualifying SAT or ACT test scores or
d. Praxis I Math test score of 178 and a composite Virginia
   Communication and Literacy (VCLA) score of 470 by December
   31, 2013 or
e. Praxis Core Math test score of 150 and a composite Virginia
   Communication and Literacy (VCLA) score of 470 beginning
   January 1, 2014 or
f. SAT Mathematics test score of 530 and a composite Virginia
   Communication and Literacy (VCLA) score of 470 or
g. ACT Mathematics test score of 22 and a composite Virginia
   Communication and Literacy (VCLA) score of 470

3. Information on the Virginia Board of Education prescribed assessments
visit the Teacher Education Services website, http://www.odu.edu/tes.

4. A cumulative undergraduate GPA of 2.80 is required for admission.

5. No courses in the academic major in which the student has made
below a “C” will be accepted for admission in the Darden College of
Education.

6. No course in professional education in which the student has made a
grade below a “B-” will be accepted in the Darden College of Education.

7. Satisfactory scores must be achieved on either the Graduate Record
Exam (GRE) or the Miller Analogy Test (MAT). A combined verbal
and quantitative score of 290 is required on the GRE, with at least a
minimum score of 146 on the verbal section. A minimum score of 399 is
required on the MAT.

8. An application for graduate studies, and official transcripts must be
submitted by the appropriate deadline for admission. Under certain
circumstances, applicants who do not fully meet the requirements for
regular admission to the program may be admitted on a provisional basis
subject to conditions specified by the graduate program director for
elementary/middle education.

Continuance
1. Students must maintain GOOD ACADEMIC standing as noted on the
academic transcript.
2. A grade of “B” or higher is required in all practicum coursework.
3. Students must complete the Responsible Conduct of Research (RCR)
modules during the first twelve graduate credit hours at Old Dominion
University. For more information review the instructions at:
http://www.odu.edu/education/resources/conduct-of-research-
instructions.

4. Students must take and pass all Virginia Board of Education prescribed
assessments including the Reading for Virginia Educators (RVE)
coded 0306 paper delivered or 5306 computer delivered, the Virginia
Communication and Literacy Assessment (VCLA), and the Praxis II
code 5001 computer delivered, prior to or while enrolled in the Seminar
in Teacher Education (TLED 583) course.

5. All assessments must be passed prior to the Teacher Candidate
Internship Orientation session. A clearance background check process
must be completed prior to placement in a field experience required for
practicum courses and for the teacher candidate internship. For more
information, please review the policy in the Teacher Education Services
website: http://www.odu.edu/tes. To review more information on the
Virginia Board of Education prescribed professional assessments, visit
the Teacher Education Services website, http://www.odu.edu/tes.

Exit
Requirements for graduation include:

1. Submit an application for graduation;
2. Passage of the written comprehensive exam;
3. Completion of the Graduate Assessment;
4. A minimum cumulative 3.00 graduate GPA;
5. Successful completion of the Teacher Candidate Internship;
6. Completion of an exit interview;
7. Completion of all course requirements; and
8. No courses in the professional education area with a grade below "B-"
will be accepted toward licensure requirements in the Darden College of
Education.

Program Requirements
Students seeking initial licensure plus a master’s degree in elementary
education (grades Pre-K-6) must meet the academic content requirements
with a minimum grade of “C”. Transcripts will be evaluated by the education
advisor to determine whether these academic requirements have been met
by previous course work. Subject area specific course work that was not
met in previous course work must be completed prior to Teacher Candidate
Internship (student teaching) orientation session.

Curriculum - Interdisciplinary Studies and Non-
interdisciplinary Studies Emphasis Areas. Military Career
Transition (MCTP) curricular requirements may be found in
the Military Career Transition (MCTP) section.

<table>
<thead>
<tr>
<th>Prerequisite Undergraduate Professional Education Classes</th>
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<tbody>
<tr>
<td>TLED 301 Foundations and Introduction to Assessment of Education</td>
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<tr>
<td>TLED 430/530 PK-12 Instructional Technology</td>
<td></td>
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<tr>
<td>TLED 468/568 Language Acquisition and Reading for Students with Diverse Learning Needs</td>
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</tr>
<tr>
<td>SPED 313 Fundamentals of Human Growth and Development: Birth through Adolescence</td>
<td></td>
</tr>
<tr>
<td>TLED 432 Developing Instructional Strategies PreK-6: Language Arts</td>
<td></td>
</tr>
<tr>
<td>STEM 433 Developing Instructional Strategies PreK-6: Mathematics</td>
<td></td>
</tr>
</tbody>
</table>
Due to changing University requirements, national standards, and the Virginia Board of Education licensure regulations, the programs in the Darden College of Education are under constant revision. Any changes resulting from these factors supersede the program requirements described in this Catalog. Students are encouraged to obtain current program information from their advisors and from the Teacher Education Services website: http://www.odu.edu/tes.

Elementary Education, PreK-6, Post-Baccalaureate Endorsement

145 Education Building
757-683-3264

Judith Dunkerly-Bean, Graduate Program Director
Lindsay Davis, Advisor

Many students who already possess an undergraduate degree enter Old Dominion University for the sole purpose of meeting Virginia’s teaching licensure standards. When these students apply for admission into an approved teacher education program, they are considered to be post-baccalaureate endorsement program candidates and must meet the college’s policy for admitting students into an approved teacher education program. Admission to Old Dominion University does not guarantee admission into the post-baccalaureate endorsement teacher preparation programs in the Darden College of Education. The Pre-K-6 post-baccalaureate endorsement option is available for those students who wish to pursue licensure and do not meet the master’s degree admission requirements or who do not wish to pursue the master’s degree.

This licensure program in elementary education (Pre-K-6) is designed for individuals with a non-teaching B.S. or B. A. degree, or for those with a teaching license in another teaching area, who want to obtain licensure to teach in grade Pre-K through grade six.

Admission

All students must apply for and be admitted into the approved post-baccalaureate endorsement program for Elementary Education (grades Pre-K-6). The following admission criteria must be met:

1. A bachelor’s degree from a regionally accredited college/university is required in the liberal arts and sciences (or equivalent) including specific course work to meet Virginia’s stated coursework competencies for elementary education (Pre-K-6) subject area preparation.

2. Students must meet the required criteria for admission by passing the Virginia Board of Education prescribed assessments and earning the minimum required grade point averages (GPA). Virginia Board of Education prescribed entry assessments are outlined in the Teacher Education Services and Advising section of the catalog. Virginia Board of Education prescribed assessments:
   • A passing Praxis I composite score of 532 by December 31, 2013 or
   • Passing Praxis Core section scores (Reading Score of 156, Writing Score of 162, and Math Score of 150) beginning January 1, 2014 or
   • Qualifying SAT or ACT test scores or
   • Praxis I Math test score of 178 and a composite Virginia Communication and Literacy (VCLA) score of 470 by December 31, 2013 or
   • Praxis Core Math test score of 150 and a composite Virginia Communication and Literacy (VCLA) score of 470 beginning January 1, 2014 or
   • SAT Mathematics test score of 530 and a composite Virginia Communication and Literacy (VCLA) score of 470 or
   • ACT Mathematics test score of 22 and a composite Virginia Communication and Literacy (VCLA) score of 470

*To review more information on the Virginia Board of Education prescribed assessments visit the Teacher Education Services website, http://www.odu.edu/tes.

3. Cumulative undergraduate GPA of 2.75 is required for admission.
4. No courses in the academic major or professional education in which the student has made below a “C” will be accepted in the Darden College of Education.
5. An application for non-degree admission must be submitted by the appropriate deadline for admission. Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis subject to conditions specified by the graduate program director for elementary/ middle education.

Continuance

1. Students must maintain a cumulative graduate GPA of 3.00. A grade of “B” or higher is required in all practicum coursework.
2. A grade of “C” or higher is required in all content knowledge and professional education courses.
3. Students must complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions.
4. Students must take and pass all Virginia Board of Education prescribed assessments including the Reading for Virginia Educators (RVE) coded 0306 paper delivered or 5306 computer delivered, the Virginia Communication and Literacy Assessment (VCLA), and the Praxis II code 5001 computer delivered, prior to or while enrolled in the Seminar in Teacher Education (TLED 583) course.
5. All assessments must be passed prior to the start of the Teacher Candidate Internship Orientation session.
6. A clearance background check process must be completed prior to placement in a field experience required for practicum courses and for the teacher candidate internship. For more information please review the policy in the Teacher Education Services website: http://www.odu.edu/tes.

Exit

Requirements for completion are:

1. A minimum cumulative 3.00 Graduate GPA
2. Successful completion of the Teacher Candidate Internship
3. Completion of all course requirements
4. Submission of an application for Virginia licensure.
5. No courses in the academic major or professional education in which the student earned below a "C" will be accepted toward licensure requirements in the Darden College of Education.

Program Requirements
Students seeking initial licensure for grades PreK-6 must meet the academic concentration requirements with a minimum grade of "C". Transcripts will be evaluated by the education advisor to determine whether these academic requirements have been met by previous course work. Subject area specific course work that was not met in previous course work must be completed prior to Teacher Candidate Internship (student teaching) orientation session.

Curriculum
Prerequisite Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLED 301</td>
<td>Foundations and Introduction to Assessment Education</td>
</tr>
<tr>
<td>TLED 430/530</td>
<td>PK-12 Instructional Technology</td>
</tr>
<tr>
<td>SPED 313</td>
<td>Fundamentals of Human Growth and Development: Birth through Adolescence</td>
</tr>
<tr>
<td>TLED 468/568</td>
<td>Language Acquisition and Reading for Students with Diverse Learning Needs</td>
</tr>
</tbody>
</table>

Graduate Professional Education Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 406/506</td>
<td>Students with Diverse Learning Needs in the General Education Classroom</td>
</tr>
<tr>
<td>TLED 432/532</td>
<td>Developing Instructional Strategies PreK-6: Language Arts</td>
</tr>
<tr>
<td>STEM 433/533</td>
<td>Developing Instructional Strategies PreK-6: Mathematics</td>
</tr>
<tr>
<td>STEM 434/534</td>
<td>Developing Instructional Strategies PreK-6: Science</td>
</tr>
<tr>
<td>TLED 435/535</td>
<td>Developing Instructional Strategies PreK-6: Social Studies</td>
</tr>
<tr>
<td>READ 680</td>
<td>Reading to Learn Across the Curriculum</td>
</tr>
<tr>
<td>TLED 583</td>
<td>Seminar in Teacher Education</td>
</tr>
<tr>
<td>TLED 679</td>
<td>Advanced Classroom Management and Practicum in PreK-6</td>
</tr>
<tr>
<td>TLED 669</td>
<td>Internship/Student Teaching and Seminar</td>
</tr>
</tbody>
</table>

Total Hours 40

Due to changing University requirements, national standards, and the Virginia Board of Education licensure regulations, the programs in the Darden College of Education are under constant revision. Any changes resulting from these factors supersede the program requirements described in this Catalog. Students are encouraged to obtain current program information from their advisors and from the Teacher Education Services website: http://www.odu.edu/tes.

Master of Science in Education, Elementary Education, Middle School, 6-8, Initial Licensure

Judith Dunkerly-Bean, Graduate Program Director

Nola Nicholson, Advisor

This master’s program in elementary education with a concentration in middle school education (grades 6-8) is designed for prospective teachers wanting to obtain initial middle school teaching licensure and a master’s degree at the same time. Available to students who have a non-teaching B.S. or B.A. degree, the program requires students to complete two content areas from the following:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Minimum Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>* 21</td>
</tr>
<tr>
<td>English</td>
<td>* 21</td>
</tr>
</tbody>
</table>

Advisors in the Office of Teacher Education Services will evaluate an individual’s undergraduate transcript to determine which, if any, undergraduate academic content courses are needed to meet state requirements for licensure. No courses in the academic major or professional education classes in which the student has made below a C will be accepted toward licensure in the Darden College of Education. The Middle School initial licensure concentration offers two different emphasis areas: Campus-Based and Military Career Transition (MCTP). Please see the Military Career Transition (MCTP) section for a full description of the requirements for this emphasis area.

Admission
All students must apply for and be admitted into the approved M.S.Ed in Education, Elementary Education, Middle School, 6-8, with initial licensure program. Admission criteria for the Military Career Transition (MCTP) emphasis area can be found in the Military Career Transition section. The following criteria must be met for admission to the Campus-Based emphasis area:

1. A bachelor’s degree from a regionally accredited college/university is required in the liberal arts and sciences (or equivalent) including 21 semester hours (which meet Virginia’s stated coursework competencies) in two content areas (English, mathematics, science, and history/social studies) which will be listed on the license.
2. Students must meet the required criteria for admission by passing the Virginia Board of Education prescribed assessments and earning the minimum required Grade point averages (GPA).

Virginia Board of Education prescribed entry assessments are outlined in the Teacher Education Services and Advising section of this catalog.

* A passing PRAXIS I composite score of 532 by December 31, 2013 or
* Passing Praxis Core section scores (Reading Score of 156, Writing Score of 162, and Math Score of 150) beginning January 1, 2014
* Qualifying SAT or ACT test scores or
* PRAXIS I Math test score of 178 and a composite Virginia Communication and Literacy (VCLA) score of 470 by December 31, 2013 or
* Praxis Core Math test score of 150 and a composite Virginia Communication and Literacy (VCLA) score of 470 beginning January 1, 2014 or
* SAT Mathematics test score of 530 and a composite Virginia Communication and Literacy (VCLA) score of 470 or
* ACT Mathematics test score of 22 and a composite Virginia Communication and Literacy (VCLA) score of 470

To review more information on the Virginia Board of Education prescribed assessments visit the Teacher Education Services website, http://www.odu.edu/tes.

3. A cumulative undergraduate GPA of 2.80 is required for admission.
4. No courses in the academic major or professional education in which the student has made below a “C” will be accepted for admission in the Darden College of Education.
5. Satisfactory scores must be submitted on either the Graduate Record Examination or Miller Analogies Test.
6. An application for graduate studies and official transcripts must be submitted by the appropriate deadline for admission. Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis subject to conditions specified by the graduate program director for elementary/middle education.
Continuance
1. Students must maintain a cumulative GPA of 3.00 and a minimum of 3.00 GPA in the major. A grade of "B" or higher is required in all practicum coursework. A minimum "B-" grade is required for all graduate professional education courses.
2. Students must complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions.
3. Students must take and pass the Virginia Communication and Literacy Assessment (VCLA) and the PRAXIS II examination for the appropriate Middle School content area prior to or while enrolled in the instructional strategies course. All assessments must be passed prior to the start of the Teacher Candidate Internship Orientation session.
4. A clearance background check must be completed prior to placement in a field experience required for practicum courses and for the teacher candidate internship. For more information please review the policy in the Teacher Education Services website: http://www.odu.edu/tes .

Virginia Board of Education prescribed professional assessments:
- Virginia Communication and Literacy Assessment (VCLA) – a passing composite score of 470 is required on this reading and writing assessment
- PRAXIS II Middle School English/Language Arts
- PRAXIS II Middle School Mathematics
- PRAXIS II Middle School Science
- PRAXIS II Middle School Social Studies

To review more information on the Virginia Board of Education prescribed assessments visit the Teacher Education Services website, http://www.odu.edu/tes .

Exit
Requirements for graduation include the following:
1. passage of the written Comprehensive exam,
2. completion of the Graduate Assessment,
3. a minimum cumulative 3.00 GPA, with a minimum B- grade for all graduate professional education courses required,
4. successful completion of the Teacher Candidate Internship,
5. completion of an exit interview,
6. completion of all course requirements, and
7. submission of an application for graduation.
No courses in the academic major in which the student earned below a "C" will be accepted toward licensure requirements in the Darden College of Education.

Program Requirements
Students seeking initial licensure plus a master’s degree in elementary education with a concentration in middle school education (grades 6-8) must meet the academic concentration requirements in two of the following content areas with a minimum grade of "C". Transcripts will be evaluated by the education advisor to determine whether the academic requirements have been met by previous course work. Experiential learning credit may be available for some non-academic work.

English: English content must include coursework in language (history, structure or grammar), literature, advanced composition, and interpersonal communication or speech; 21 credit hours.

Mathematics: Mathematics content must include coursework in algebra, geometry, probability and statistics, and applications of mathematics; 21 credit hours.

Science: Science content must include courses in each of the following: biology, chemistry, physics, and earth and space science (a laboratory course is required in two of the four science areas); 21 credit hours.

History/Social Science: History/social science content must include courses in American History, world history, economics, geography, international affairs, and current events; 21 credit hours.

All students, regardless of which two content areas selected, are required to take a Government/Civics course or complete the state and local civic education module.

Prerequisite Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLED 301</td>
<td>Foundations and Introduction to Assessment of Education</td>
</tr>
<tr>
<td>TLED 430</td>
<td>PK-12 Instructional Technology</td>
</tr>
<tr>
<td>SPED 313</td>
<td>Fundamentals of Human Growth and Development: Birth through Adolescence</td>
</tr>
<tr>
<td>TLED 468</td>
<td>Language Acquisition and Reading for Students with Diverse Learning Needs</td>
</tr>
</tbody>
</table>

Graduate Professional Education Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 506</td>
<td>Students with Diverse Learning Needs in the General Education Classroom</td>
</tr>
<tr>
<td>TLED 583</td>
<td>Seminar in Teacher Education (Co-Requisite with one Instructional Strategies)</td>
</tr>
<tr>
<td>TLED 615</td>
<td>Teaching in the Middle School</td>
</tr>
<tr>
<td>READ 680</td>
<td>Reading to Learn Across the Curriculum</td>
</tr>
<tr>
<td>LIBS 642</td>
<td>Children’s Literature Across the Curriculum, PK-8</td>
</tr>
<tr>
<td>FOUN 641</td>
<td>Assessment and Evaluation of Student Learning</td>
</tr>
<tr>
<td>TLED 666</td>
<td>Internship/Student Teaching and Seminar (Student Teaching)</td>
</tr>
</tbody>
</table>

Select two from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLED 551</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: English</td>
</tr>
<tr>
<td>TLED 555</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: Social Studies</td>
</tr>
<tr>
<td>STEM 553</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: Mathematics</td>
</tr>
<tr>
<td>STEM 554</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: Science</td>
</tr>
</tbody>
</table>

Total Hours 44

Due to changing University requirements, national standards, and the Virginia Board of Education licensure regulations, the programs in the Darden College of Education are under constant revision. Any changes resulting from these factors supersede the program requirements described in this Catalog. Students are encouraged to obtain current program information from their advisors and from the Teacher Education Services website: http://www.odu.edu/tes .

Elementary Education, Middle School, 6-8, Post-Baccalaureate Endorsement

Judith Dunkerly-Bean, Graduate Program Director

Nola Nicholson, Advisor

This post-baccalaureate endorsement program in elementary education with a middle school concentration (grades 6-8) is designed for prospective teachers who want to obtain an initial middle school teaching license.

Available to students who have a non-teaching B.S. or B.A. degree or to those having a teaching license in another area and are seeking an additional teaching license; the program requires students to take courses that meet the Commonwealth of Virginia's stated academic competency requirements and leads to two undergraduate endorsement areas selected from the following:

<table>
<thead>
<tr>
<th>Area</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mathematics</strong></td>
<td>21</td>
</tr>
<tr>
<td><strong>English</strong></td>
<td>21</td>
</tr>
</tbody>
</table>
Continuance

1. Students must maintain a cumulative GPA of 2.75 and a minimum of 2.75 GPA in the major.
2. A grade of "B" or higher is required in all practicum coursework. A grade of "B-" is required for all graduate professional education courses.
3. Students must complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions.

4. Students must take and pass the Virginia Communication and Literacy Assessment (VCLA) and the PRAXIS II examination for the appropriate Middle School content area prior to or while enrolled in the instructional strategies course.
5. All assessments must be passed prior to the start of the Teacher Candidate Internship Orientation session.
6. A clearance background check must be completed prior to placement in a field experience required for practicum courses and for the teacher candidate internship. For more information please review the policy in the Teacher Education Services website: http://www.odu.edu/tes.

Virginia Board of Education prescribed professional assessments:

- Virginia Communication and Literacy Assessment (VCLA) – a passing composite score of 470 is required on this reading and writing assessment
- PRAXIS II Middle School English/Language Arts
- PRAXIS II Middle School Mathematics
- PRAXIS II Middle School Science
- PRAXIS II Middle School Social Studies

To review more information on the Virginia Board of Education prescribed assessments visit the Teacher Education Services website: http://www.odu.edu/tes.

Exit

Requirements for completion are as follows:

1. a minimum cumulative 2.75 GPA,
2. a minimum grade of "C" in all academic major courses to be accepted toward licensure requirements in the Darden College of Education,
3. successful completion of the Teacher Candidate Internship,
4. completion of all course requirements, and
5. submission of an application for Virginia licensure.

Program Requirements

Students seeking initial licensure for grades 6 - 8 must meet the academic concentration requirements in two of the following content areas with a minimum grade of "C". Transcripts will be evaluated by the education advisor to determine whether the academic requirements have been met by previous course work. Subject area specific course work that was not met in previous course work must be completed prior to Teacher Candidate Internship (student teaching) orientation session.

English: English content must include coursework in language (history, structure or grammar), literature, advanced composition, and interpersonal communication or speech; 21 credit hours.

Mathematics: Mathematics content must include coursework in algebra, geometry, probability and statistics, and applications of mathematics; 21 credit hours.

Science: Science content must include courses in each of the following: biology, chemistry, physics, and earth and space science (a laboratory course is required in two of the four science areas); 21 credit hours.

History/Social Science: History/social science content must include courses in American History, world history, economics, geography, international affairs, and current events; 21 credit hours.

All students, regardless of which two content areas selected, are required to take a Government/Civics course.

Prerequisite Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLED 301</td>
<td>Foundations and Introduction to Assessment of Education</td>
<td>3</td>
</tr>
<tr>
<td>TLED 430/530</td>
<td>PK-12 Instructional Technology</td>
<td>3</td>
</tr>
<tr>
<td>SPED 313</td>
<td>Fundamentals of Human Growth and Development: Birth through Adolescence</td>
<td>3</td>
</tr>
</tbody>
</table>
Due to changing University requirements, national standards, and the Virginia Board of Education licensure regulations, the programs in the Darden College of Education are under constant revision. Any changes resulting from these factors supersede the program requirements described in this Catalog. Students are encouraged to obtain current program information from their advisors and from the Teacher Education Services website: http://www.odu.edu/tes.

Master of Science in Education, Elementary Education, for Licensed Teachers

145 Education Building
757-683-3284

Judith Dunkerly-Bean, Graduate Program Director (Campus-Based Option)

TBD, Graduate Program Director (Field-Based Option)

The Master of Science in Education Elementary Education program for licensed teachers is designed for those who wish to enter a degree program that will enhance and enrich their teaching expertise for becoming master teachers. Two emphasis areas are offered, campus-based and field-based. The campus-based option is a traditional ODU main campus offering. The program of study includes research and a selection of graduate courses that complement the current and/or desired professional focus of the candidate. The field-based option offers licensed teachers and other professional educators the opportunity to earn a master’s degree at one of several on-site school locations throughout the Commonwealth. Registration is restricted to licensed educators at the designated public or independent schools. Classes typically are held within the community, and research and instruction is focused on each school’s curriculum, student body, and instructional offerings. While the degree programs and requirements mirror on-campus programs, minor curricular variations may occur. Non-degree students intending to enter this graduate program must meet with the graduate program director upon completion of no more than six graduate credits. Licensed teachers seeking an elementary education masters degree with a concentration in Library Science should see the Library Science (School Librarianship K-12) section for complete program information. Licensed teachers seeking an elementary education masters degree (K-8) with a Mathematics Specialist concentration should see that section in the Science, Technology, Engineering, Mathematics, and Professional Studies (STEMPS) Department.

The graduate program associated with this major is intended to meet the needs of the individual student. Program options are designed to accomplish three primary goals:

1. to enhance classroom instruction by enriching the knowledge and skills of practicing teachers;
2. to train and encourage classroom teachers to conduct in-school research so that significant findings in the learning-teaching process can be applied to the classroom situation; and
3. to permit teachers to upgrade their teaching credentials to the Postgraduate Professional License level.

Curricula for the program include specific courses in teaching in most of the major content areas: mathematics, science, social studies, and language arts. Each individualized program has three component areas:

1. core,
2. support; and
3. research.

The research component may have up to three options (thesis, problem paper, or seminar) as indicated.

Admission

Students must:

1. hold a bachelor’s degree from a regionally accredited college/university;
2. hold at least the Virginia Collegiate Professional License or an equivalent license from another state for elementary or middle school education;
3. have a general undergraduate grade point average of at least 2.80;
4. take and receive satisfactory scores on either the Graduate Record Examination or Miller Analogies Test;
5. have an interview with the graduate program director; and
6. apply for admission to graduate school; and
7. send official copies of all transcripts to Graduate Admissions.

Performance in classes taken as a non-degree student will not be taken into consideration in the admission process. Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis subject to conditions specified by the graduate program director for elementary/middle education.

Continuance

Students must:

1. complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University.
2. have a general undergraduate grade point average of at least 2.80;
3. maintain a grade point average of 3.00; and
4. maintain a grade point average of 3.00 in the major.

Exit

Students must:

1. have a 3.00 grade point average;
2. have a 3.00 grade point average in the major;
3. pass a written comprehensive examination;
4. have an exit interview;
5. have completed all course requirements; and
6. submit an application for graduation.

Program Requirements

Since students are expected to be dedicated to the goal of becoming master teachers, evidence that a student has reached this goal must be presented before graduation is certified. A minimum of 30 semester credits of course work is required for programs in elementary/middle school education. After admission to provisional or regular degree status, or before the completion of six credits as a non-degree student, the student must meet with the graduate program director who will assign a permanent advisor from the graduate faculty of the Darden College of Education. It is the responsibility of the student to confer with the assigned advisor for the purpose of developing a

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLED 468/568</td>
<td>Language Acquisition and Reading for Students with Diverse Learning Needs</td>
<td>3</td>
</tr>
<tr>
<td>SPED 406</td>
<td>Students with Diverse Learning Needs in the General Education Classroom</td>
<td>3</td>
</tr>
</tbody>
</table>

Graduate Professional Education Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>READ 680</td>
<td>Reading to Learn Across the Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>TLED 583</td>
<td>Seminar in Teacher Education</td>
<td>1</td>
</tr>
<tr>
<td>TLED 615</td>
<td>Teaching in the Middle School</td>
<td>4</td>
</tr>
<tr>
<td>TLED 551</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: English</td>
<td>6</td>
</tr>
<tr>
<td>TLED 555</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: Social Studies</td>
<td>1</td>
</tr>
<tr>
<td>STEM 553</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>STEM 554</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: Science</td>
<td>1</td>
</tr>
<tr>
<td>TLED 666</td>
<td>Internship/Student Teaching and Seminar</td>
<td>9</td>
</tr>
</tbody>
</table>

Total Hours | 38

For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions
program of study. Each program has a core, support and research area that may, in some instances, be tailored to fit individual needs. Listed below is a possible program of study.

**General Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLED 430/530</td>
<td>PK-12 Instructional Technology</td>
<td>12</td>
</tr>
<tr>
<td>READ 683</td>
<td>Diagnostic Teaching of Reading in the Classroom</td>
<td></td>
</tr>
</tbody>
</table>

**Instructional Strategies classes or other courses based on teaching specialties**

**Support beyond the core**

**Research courses (6 to 12 Credits)**

Select one option from the following:

**Option A, Thesis option**

- FOUN 612 Applied Research Methods in Education
- TLED 698 Thesis

**Option B, Problem paper option**

- FOUN 612 Applied Research Methods in Education
- TLED 636 Problems in Education

**Total Hours**

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-36</td>
</tr>
</tbody>
</table>

* Taken within five years or waived through examination.
** Classes to be selected in consultation with the student’s advisor or program director.
*** 9-12 credits; 33 credits required for graduation.
**** 6 credits; 30 credits required for graduation.
+ 12 credits; 36 credits required for graduation.
++ 6 credit hours of electives.

**Secondary Education**

145 Education Building
757-683-3284

Yonghee Suh, Graduate Program Director
Nola Nicholson, Advisor

**General Description of Secondary Education**

Secondary programs include the Master of Science in Education degree program and three Post-baccalaureate licensure programs. Within the Master of Science in secondary education degree program there are a number of concentrations and content area choices for both licensed teachers as well as those seeking initial licensure or endorsement.

For those seeking initial licensure there are the following content areas: 6-12 (content areas: biology, chemistry, earth science, English, mathematics, physics, social studies), library science K-12 (Note: the library science concentration may also be done through Master of Science in Education, Elementary Education), and Teachers of English to Speakers of Other Languages K-12 (TESOL). 

For licensed teachers seeking additional education there are the following concentration areas: 6-12 and library science K-12 (Note: the library science concentration may also be done through Master of Science in Education - Elementary). Post-baccalaureate endorsement programs are designed for individuals with a non-teaching B.S. or B.A. degree who want to obtain licensure, or for those with a teaching license who want to be licensed in an additional teaching area. The three endorsement programs offered in secondary education are 6-12, Library Science K-12, and Teachers of English to Speakers of Other Languages K-12 (TESOL). 

Please note that there are secondary education programs for earning a bachelor's degree with initial licensure in grades 6-12 described in the ODU Undergraduate Catalog.

**Master of Science in Education, Secondary Education, 6-12 with Initial Licensure**

This master’s program in secondary education (grades 6-12) with initial licensure is designed for individuals with a non-teaching B.S. or B.A. degree who want to obtain licensure as a teacher in grades 6 through 12 and earn a master’s degree at the same time. The 6-12 initial licensure concentration offers two different emphasis areas: Campus-Based and Military Career Transition (MCTP). See the Military Career Transition (MCTP) section for complete program information. For those seeking initial licensure in the area of library science see the Library Science (School Librarianship K-12) section for complete program information.

**Admission**

All students must apply for and be admitted into the approved M.S.Ed in Secondary Education, 6-12, with initial licensure program. Please note that admission criteria for the Military Career Transition (MCTP) emphasis area can be found in the Military Career Transition section. For admission to the Campus-Based emphasis area, the following criteria must be met:

1. A bachelor’s degree from a regionally accredited college/university is required in the liberal arts and sciences (or equivalent). The degree must include semester hours (which meet Virginia’s stated coursework competencies) in one of the following content areas: English, mathematics, earth science, chemistry, biology, or physics, and history/social studies, which will be listed on the license.
2. Students must meet the required criteria for admission by passing the Virginia Board of Education prescribed assessments and earning the minimum required grade point averages (GPA).

**Virginia Board of Education prescribed entry assessments are outlined in the Teacher Education Services and Advising section of this catalog.**

**Virginia Board of Education prescribed assessments:**

- A passing PRAXIS I composite score of 532 by December 31, 2013 or
- Passing Praxis Core section scores (Reading score of 156, Writing score of 162, and Math score of 150) beginning January 1, 2014 or
- Qualifying SAT or ACT test scores or
- PRAXIS I Math test score of 178 and a composite Virginia Communication and Literacy (VCLA) score of 470 by December 31, 2013 or
- Praxis Core Math test score of 150 and a composite Virginia Communication and Literacy (VCLA) score of 470 beginning January 1, 2014 or
- SAT Mathematics test score of 530 and a composite Virginia Communication and Literacy (VCLA) score of 470 or
- ACT Mathematics test score of 22 and a composite Virginia Communication and Literacy (VCLA) score of 470

To review more information on the Virginia Board of Education prescribed assessments visit the Teacher Education Services website, http://www.odu.edu/tes .

3. A cumulative undergraduate GPA of 2.80 is required for admission.
4. Only courses that meet the grade required for the academic major or professional education will be accepted for admission in the Darden College of Education.
5. Satisfactory scores must be submitted on either the Graduate Record Examination or Miller Analogies Test.
6. An application for graduate studies and official transcripts must be submitted by the appropriate deadline for admission. Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis subject to conditions specified by the graduate program director for secondary education.
Continuance
1. Students must complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions
2. Students must maintain a cumulative GPA of 3.00 with a minimum grade requirement of "B-" for all graduate professional education courses.
3. Students must take and pass the Virginia Communication and Literacy Assessment (VCLA) and the PRAXIS II examination for the appropriate specialty area prior to or while enrolled in the instructional strategies course and the seminar in teacher education (TLED 583).
4. A clearance background check must be completed prior to placement in a field experience required for observation and practicum courses and for the teacher candidate internship. For more information on the criminal background check process please review the information on the Teacher Education Services website: http://www.odu.edu/tes.
5. All assessments must be passed prior to the start of the Teacher Candidate Internship Orientation session. For more information please review the information on the Teacher Education Services website: http://www.odu.edu/tes.

To review more information on the Virginia Board of Education prescribed professional assessments visit the Teacher Education Services and Advising catalog section or website, http://www.odu.edu/tes.

Exit
Requirements for graduation include the following:
1. passage of the written Comprehensive exam,
2. completion of the Graduate Assessment,
3. a minimum cumulative 3.00 GPA, with a minimum grade requirement of "B-" for all graduate professional education courses.
4. successful completion of the Teacher Candidate Internship,
5. completion of an exit interview,
6. completion of all course requirements, and
7. submission of an application for graduation.

Only courses that meet the grade required for the academic major or professional education will be accepted toward licensure requirements in the Darden College of Education.

Program Requirements
Students seeking initial licensure plus a master’s degree in secondary education (grades 6-12) must meet the grade required for the academic major and professional education in order to complete the master's degree. Transcripts will be evaluated by the education advisor to determine whether the academic requirements have been met by previous course work. Subject area specific course work (content) that was not met in previous course work must be completed prior to Teacher Candidate Internship (student teaching) orientation session. Experiential learning credit may be available for some non-academic work.

Curriculum
Program Prerequisite
SPED 313 Fundamentals of Human Growth and Development: Birth through Adolescence

Graduate Professional Education courses
TLED 530 PK-12 Instructional Technology
TLED 608 Foundations of Education and Instructional Assessment
SPED 500 Foundations of Special Education: Legal Aspects and Characteristics
TLED 640 The Management of Learning and Instruction
READ 680 Reading to Learn Across the Curriculum
SPED 517 Collaboration and Transitions
TLED 583 Seminar in Teacher Education (co-requisite with Instructional Strategies)
FOUN 641 Assessment and Evaluation of Student Learning
TLED 669 Internship/Student Teaching and Seminar

Select one of the following four that corresponds to subject (content) area:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLED 551</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: English</td>
</tr>
<tr>
<td>TLED 555</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: Social Studies</td>
</tr>
<tr>
<td>STEM 553</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: Mathematics</td>
</tr>
<tr>
<td>STEM 554</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: Science</td>
</tr>
</tbody>
</table>

Total Hours: 40

Due to changing University requirements, national standards, and the Virginia Board of Education licensure regulations, the programs in the Darden College of Education are under constant revision. Any changes resulting from these factors supersede the program requirements described in this Catalog. Students are encouraged to obtain current program information from their advisors and from the Teacher Education Services website: http://www.odu.edu/tes.

Master of Science in Education, Secondary Education for Licensed Teachers
The graduate programs for licensed teachers in secondary education are designed to improve and update their professional competency in teaching at the secondary level. Licensed teachers completing the program enhance their ability to teach effectively and to participate in educational research in their schools. Completion of requirements leads to the upgrade of the teaching license to the Postgraduate Professional level. The Master of Science in Education Secondary degree for Licensed Teachers may be earned through a campus-based or field-based option. The campus-based option is a traditional ODU main campus offering. The program of study includes research and a selection of graduate courses that complement the current and/or desired professional focus of the candidate. The field-based option offers licensed teachers and other professional educators the opportunity to earn a master’s degree at one of several on-site school locations throughout the Commonwealth. Registration is restricted to licensed educators at the designated public or independent schools. Classes typically are held within the community, and research and instruction is focused on each school’s curriculum, student body, and instructional offerings. While the degree programs and requirements mirror on-campus programs, minor curricular variations may occur. The masters degree for licensed teachers with a Library Science concentration may be obtained in this program (See Library Science (School Librarianship K-12) separate listing.) Non-degree students intending to enter this graduate program must meet with the secondary education graduate program director upon completion of no more than six graduate credits.

General Program for Licensed Teachers
The general secondary education major for licensed teachers includes interest areas in instructional design and technology, general vocational education, and library science/media. The program in school librarianship is listed in a separate section. Other programs may be individually designed as students’ needs indicate.

Admission
Students must:
1. hold a bachelor’s degree from a regionally accredited college/university;
2. hold the Virginia Collegiate Professional License or an equivalent license from another state preferably in secondary education;
3. have a cumulative grade point average of 2.80;  
4. achieve a satisfactory score on the Graduate Record Examination or Miller Analogies Test;  
5. have an interview with faculty in the program; and  
6. submit an application for admission.

Performance in classes taken as a non-degree student will not be taken into consideration in the admission process. Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis subject to conditions specified by the graduate program director for secondary education.

**Continuance**

Students must:

1. complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions.
2. maintain a grade point average of 3.00, and  
3. maintain a grade point average of 3.00 in the major.

**Exit**

Students must:

1. have a 3.00 grade point average;  
2. have a 3.00 grade point average in the major;  
3. pass a written comprehensive examination;  
4. have an exit interview;  
5. have completed all course requirements; and  
6. apply for graduation.

**Program Requirements**

Students enrolled in secondary and general secondary programs are expected to be dedicated to the goal of becoming master classroom teachers or librarians; therefore, evidence that a student has reached this goal must be presented before graduation is certified. A minimum of 31 semester credits is required for completion of any program planned. If a graduate student elects to add other goals to the program, such as becoming a secondary education supervisor, then the program may require an additional nine to 12 credits beyond the 31-hour minimum.

**Emphasis Areas**

In the secondary school - general program, emphases are offered in biology, chemistry, English, mathematics, economics, history, and social studies education. For requirements in the music education interest area, refer to the Music section in the College of Arts and Letters. For library science/media refer to the separate section listed later in the department.

**Area I:** Core: 12 to 18 credits.  
**Area II:** Support: 12 to 18 credits.  
**Area III:** Research: 6 to 12 credits. The following two courses are required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOUN 612</td>
<td>Applied Research Methods in Education</td>
<td>3</td>
</tr>
<tr>
<td>TLED 636</td>
<td>Problems in Education</td>
<td>3</td>
</tr>
</tbody>
</table>

After admission to provisional or regular degree status, each student is assigned a permanent advisor from the Darden College of Education’s graduate faculty. It is the student’s responsibility to confer with the assigned advisor. The advisor will be well acquainted with the emphasis area the student has chosen and will be responsible for helping the student develop a program of study that best meets the student’s needs. This proposed program of study becomes the student’s graduate program upon approval of the graduate program director, and can be changed only with the advice and consent of both the faculty advisor and the student. Because of the individualized nature of graduate programs in secondary education, good working relationships between faculty advisors and students are essential.

Graduate programs in the vocational secondary education major are administered by the Departments of Teaching & Learning and Science, Technology, Engineering, and Mathematics (STEM).

**Secondary Education, 6-12, Post-Baccalaureate Endorsement**

This Post-Baccalaureate endorsement program in secondary education (grades 6-12) is designed for individuals with a non-teaching B.S. or B.A. degree who want to obtain licensure as a teacher in grades 6 through 12 in the following content areas: English, mathematics, earth science, chemistry, biology or physics, and history/social studies, which will be listed on the license.

**Admission**

1. All students must apply for and be admitted into the approved post-baccalaureate endorsement program for Secondary Education (grades 6-12).  
2. Students must meet the required criteria for admission by passing the Virginia Board of Education prescribed assessments and earning the minimum required Grade point averages (GPA).

**Virginia Board of Education prescribed entry assessments are outlined in the Teacher Education Services and Advising section of this catalog.**

**Virginia Board of Education prescribed assessments:**

- A passing PRAXIS I composite score of 532 by December 31, 2013 or  
- Passing Praxis Core section scores (Reading score of 156, Writing score of 162, and Math score of 150) beginning January 1, 2014 or  
- Qualifying SAT or ACT test scores or  
- PRAXIS I Math test score of 178 and a composite Virginia Communication and Literacy (VCLA) score of 470 by December 31, 2013 or  
- Praxis Core Math test score of 150 and a composite Virginia Communication and Literacy (VCLA) score of 470 by January 1, 2014 or  
- SAT Mathematics test score of 530 and a composite Virginia Communication and Literacy (VCLA) score of 470 or  
- ACT Mathematics test score of 22 and a composite Virginia Communication and Literacy (VCLA) score of 470

To review more information on the Virginia Board of Education prescribed assessments visit the Teacher Education Services website, http://www.odu.edu/tes.

3. A cumulative undergraduate GPA of 2.75 is required for admission.  
4. Only courses that meet the grade required in the academic major or professional education will be accepted for admission in the Darden College of Education.

5. An application for non-degree admission must be submitted by the appropriate deadline for admission. Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis subject to conditions specified by the graduate program director for secondary education.

**Continuance**

1. Students must complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions.

2. Students must maintain a cumulative GPA of 2.75.  
3. A grade of “B” or higher is required in all practicum coursework.  
4. Students must take and pass all Virginia Board of Education prescribed assessments including the Virginia Communication and Literacy Assessment (VCLA), and the PRAXIS II examination for the appropriate secondary endorsement prior to or while enrolled in the instructional strategies course and the Seminar in Teacher Education.
Eligible applicants:

1. Active duty of all uniformed services
2. Active or inactive reservist of all uniformed services
3. All National Guard personnel
4. Veterans of all uniformed services
5. Retired military of all uniformed services
6. Spouse of an eligible applicant
7. DOD civilian federal employees

Degree courses are offered in traditional classroom at the main campus face-to-face or online synchronous and online asynchronous. Practicum and Internships are required to complete the initial licensure. The MCTP Coordinator (http://www.odu.edu/education/programs/mctp) is available to provide advisement.

Admission:

Regular Admission

1. Must be an eligible applicant as defined above
2. Minimum GPA of 2.80 as documented in the Bachelor’s degree official transcript from a regionally accredited institution
3. Passing Praxis Core score report in each subtest:
   - Praxis Core Academic Skills Educator Tests (http://www.ets.org/praxis/about/core) as listed below:

   - **Approved passing scores effective January 1, 2014**
     - Praxis Core Academic Skills for Educators: Reading (5712), a score of 156 or higher
     - Praxis Core Academic Skills for Educators: Writing (5722), a score of 150 or higher
     - Praxis Core Academic Skills for Educators: Mathematics (5732), a score of 150 or higher
   - If taking all three tests together, select Praxis Core Academic Skills tests code 5751
   - There is NO composite score for the Praxis Core Academic Skills tests.

   - Praxis Core substitute scores are not applicable.

   - Note: Praxis I-PPST completed with a passing score by December 31, 2013 will continue to be valid and accepted for admission into this state-approved teacher education master’s degree.

4. A 500-word Goal Statement addressing “why do you want to be a teacher” and “why do you want to teach the specific subject area or grade level”
5. Resume highlighting a minimum of five years of full time work experience

Provisional Admission Requirements

Provisional admission may be offered to applicants who meet the requirements listed below. Individuals not meeting the conditions below will not be admitted to the program.

1. Must be an eligible applicant as defined by the MCTP Advisory Council policy Eligibility Criteria (http://www.odu.edu/education/programs/mctp)
2. GPA of 2.50-2.79 as documented in the Bachelor’s degree official transcript from a regionally accredited institution
3. Passing Praxis Core score report in each subtest:
   - Praxis Core Academic Skills Educator Tests (http://www.ets.org/praxis/about/core) as listed below:

   - **Approved passing scores effective January 1, 2014**
     - Praxis Core Academic Skills for Educators: Reading (5712), a score of 156 or higher
     - Praxis Core Academic Skills for Educators: Writing (5722), a score of 150 or higher

Note: Praxis I-PPST completed with a passing score by December 31, 2013 will continue to be valid and accepted for admission into this state-approved teacher education master’s degree.
Praxis Core Academic Skills for Educators: Mathematics (5732), a score of 150 or higher

If taking all three tests together, select Praxis Core Academic Skills tests code 5751

There is NO composite score for the Praxis Core Academic Skills tests.

Praxis Core substitute scores are not applicable.

Note: Praxis I-PPST completed with a passing score by December 31, 2013 will continue to be valid and accepted for admission into this state-approved teacher education master’s degree.

4. A 500-word Goal Statement addressing “why do you want to be a teacher” and “why do you want to teach the specific subject area or grade level”

5. Resume highlighting a minimum of five years of full time work experience

Note: Performance as a graduate non-degree student will not be considered when trying to meet the provisional admission requirements.

Gaining Regular Admission after being admitted provisionally:

To gain regular admission, the candidate must earn a minimum 3.00 GPA with no grades below a “B-” in the first 12 graduate credits taken at Old Dominion University after being admitted provisionally. Regular admission must be gained prior to the Teacher Candidate Internship.

Application Procedures:

Eligible applicants must apply for and be admitted into the state-approved M.S.Ed in Elementary Education with initial licensure in grades PreK-6 or grades 6-8 or into the M.S.Ed in Secondary Education with initial licensure in grades 6-12.

Applicants must submit directly to the Office of Graduate Admission the documents listed below:

• The electronic graduate application at: http://www.odu.edu/admission/graduate

• In the electronic graduate application select MCTP program. For master’s degree select: MSED ELEM – ELEM if you are interested in pre-6 or 6-8 grades MSED SCEM – SCEM if you are interested in 6-12 grades

• In a sealed envelope, send official transcript with the bachelor’s degree awarded from a regionally accredited institution. Also, in sealed envelopes, submit official transcripts from all other colleges or universities attended.

Submit the official transcripts directly to:

Graduate Admission
Old Dominion University
220 Rollins Hall
Norfolk, VA 23529

• Praxis Core Academic Skills passing score report (upload this document with your electronic application)

(Praxis I if a passing score was achieved prior to December 31, 2013)

• A 500-word goal statement highlighting “why do you want to be a teacher” and “why do you want to teach the specific subject area or grade level” (upload this document with your electronic application)

• A resume highlighting a minimum of five years of full time work experience. (upload this document with your electronic application)

To contact the Office of Graduate Admissions:

E-mail: gradadmit@odu.edu

Hours: M-F, 8:00 am-5:00 pm

Phone: 757-683-3685

A transcript review will be completed to determine which appropriate courses meet academic content knowledge in the subject area specified in the M.S.Ed. Degree with initial licensure prek-6, 6-8, or 6-12. Enrollment coordinators (http://www.odu.edu/mctp) are available to review your transcripts.

Clearance Background Check Process:

Old Dominion University requires a background clearance check of candidates interested in professional education programs. Professional education programs have several field experiences which are required for continuance and graduation from the program. The clearance background check (http://www.odu.edu/success/academic/teacher-education/placement/background-checks) must be successfully completed prior to a field experience placement. Students will be provided a field experience placement when the background check process is completed with resolution of any issues. Candidates interested in the professional education programs are advised to complete this clearance background check process immediately upon entering a program. This clearance process takes a minimum of eight weeks to complete.

This clearance background check process (http://www.odu.edu/success/academic/teacher-education/placement/background-checks) includes:

• Fingerprinting

• A social service/child protective service check

• A review of each candidate’s name through the National Sex Offender Registry and/or Virginia State Police: Sex Offender Registry

• Candidates are liable for all fees incurred when completing the clearance background check process (http://www.odu.edu/success/academic/teacher-education/placement/background-checks)

• ALL clearance search results must be received and reviewed by Old Dominion University, Teacher Education Services & Advising Office to determine successful completion of the clearance process and approval for placement in a school

• The completed clearance check will be posted in your Leo Online secure page under Test Scores. A score of 1 means that you are cleared for placement

Professional Disposition Survey:

Complete this survey after you have enrolled in classes at Old Dominion University. This survey is available on Blackboard. Follow the instructions for completing the Professional Disposition Survey at: http://www.odu.edu/admission/tep-requirements/undergraduate-tep/survey.

Responsible Conduct of Research (RCR):

The RCR modules must be completed prior to completion of the first twelve graduate credit hours. Follow the DCOE Responsible Conduct of Research instructions (http://www.odu.edu/education/resources/conduct-of-research-instructions) to complete the Social Behavioral Research Modules.

Continuance

Candidates must:

1. Must have successfully completed the clearance background check process (http://www.odu.edu/success/academic/teacher-education/placement/background-checks) upon entry into the master’s degree and been approved for placement in a school.

2. Be in “Good Academic Standing” by maintaining a minimum 3.00 graduate grade point average.

3. Have grades equal to or above a “B-” in all professional education courses accepted toward licensure in the Darden College of Education.

4. Have a minimum “B” grade in all practicum courses.

5. Meet the grade required for content knowledge courses in the specific teaching endorsement.

6. Complete pre-requisite courses prior to taking the instructional strategies course in your specific endorsement, 6-8 grades or 6-12 grades. The instructional strategies courses require a 35-hour practicum.

7. Take and pass the prescribed assessment by the Virginia Board of Education (http://www.doe.virginia.gov/teaching/licensure/prof_teacher_assessment.pdf)

a. Praxis II examination appropriate for your endorsement area

Old Dominion University 15
h. Virginia Communication and Literacy Assessment (VCLA)

c. Reading for Virginia Education (RVE) Assessment, only required for elementary education initial licensure

d. First Aid/CPR/AED training

e. Child Abuse and Neglect Recognition training

8. Apply for the teacher candidate internship.

9. Complete all courses, professional and content knowledge, with appropriate grade and GPA and achieve a passing score in all assessments required prior to your teacher candidate internship orientation. A clearance background check must have been completed successfully as outlined above and the candidate has been approved for placement in a school.

10. Complete, as needed, “Re-Validation of Out-of-Date Graduate Credit” that is beyond the time limit established for graduate degrees. Per University “Graduate Policies and Procedures,” the time limit established is six years for master’s degrees. Graduate credit is beyond the six year limit must be re-validated before the graduate credit can be applied toward the requirements to earn the master’s degree. Re-validation must be completed prior to the start of the teacher candidate internship.

**Graduation**

All master’s degree requirements must be met in accordance with University policy and as outlined in your curriculum. Candidates must:

1. Apply for graduation at: http://www.odu.edu/academics/graduation-commencement.

2. Take and pass the Comprehensive Examination.

3. Complete the Graduate Assessment.

4. Have a minimum 3.00 graduate grade point average.

5. Only grades equal to or above a “B-” in professional education courses will be accepted toward licensure requirements in the Darden College of Education.

6. Meet the grade required for content knowledge courses in the specific endorsement and to be accepted toward the licensure requirements in the Darden College of Education.

7. Pass the Teacher Candidate Internship.

8. Have an Exit Interview.

9. Candidates must be registered the semester in which they graduate. If the candidates have completed all registration requirements, they must be registered for at least one credit hour the semester in which they graduate. The academic department has a one credit 998 course that can be used to fulfill this requirement. Registration for this one credit 998 course is subject to the normal fees and regulations of the University.

**Program Requirements**

Candidates admitted in the master’s degree with initial licensure through the Military Career Transition Program (MCTP) must meet all requirements outlined in the approved teacher education curriculum for their specific area of endorsement, including the teacher candidate internship. Transcripts are evaluated by the MCTP advisor (http://www.odu.edu/education/programs/mctp) to determine whether these required academic content knowledge courses have been met with previous course work. Content knowledge course work that is not met with previous course work must be completed prior to the teacher candidate internship orientation. All MCTP students are required to have a consultation, in person or by phone, with the MCTP advisor at least once per semester. Candidates are responsible for the information contained in the checklist of responsibilities provided upon graduate admission and in the University Graduate Catalog (http://catalog.odu.edu), such as specific academic policies, course descriptions, and prerequisite.

**Curriculum**

The approved teacher education curriculum consists of two components that must be fulfilled to earn the master’s degree with initial licensure: 1) content knowledge; and 2) professional education, as listed below:

1. **Content Knowledge**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 313</td>
<td>Fundamentals of Human Growth and Development: Birth through Adulthood</td>
</tr>
<tr>
<td>SPED 400</td>
<td>Foundations of Special Education: Legal Aspects and Characteristics</td>
</tr>
<tr>
<td>TLED 430</td>
<td>PK-12 Instructional Technology</td>
</tr>
</tbody>
</table>

**Graduate Professional Education**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLED 608</td>
<td>Foundations of Education and Instructional Assessment</td>
</tr>
<tr>
<td>SPED 517</td>
<td>Collaboration and Transitions</td>
</tr>
<tr>
<td>TLED 568</td>
<td>Language Acquisition and Reading for Students with Diverse Learning Needs (Required for PreK-6 and 6-8)</td>
</tr>
<tr>
<td>READ 680</td>
<td>Reading to Learn Across the Curriculum</td>
</tr>
<tr>
<td>TLED 640</td>
<td>The Management of Learning and Instruction</td>
</tr>
<tr>
<td>FOUN 641</td>
<td>Assessment and Evaluation of Student Learning</td>
</tr>
</tbody>
</table>

Select one or two from the following instructional/methods courses related to your endorsement**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEM 534</td>
<td>Developing Instructional Strategies PreK-6: Science</td>
</tr>
<tr>
<td>STEM 553</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: Mathematics</td>
</tr>
<tr>
<td>STEM 554</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: Science</td>
</tr>
<tr>
<td>TLED 535</td>
<td>Developing Instructional Strategies PreK-6: Social Studies</td>
</tr>
<tr>
<td>TLED 551</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: English</td>
</tr>
<tr>
<td>TLED 555</td>
<td>Developing Instructional Strategies for Teaching in the Middle/High School: Social Studies</td>
</tr>
<tr>
<td>TLED 583</td>
<td>Seminar in Teacher Education (1 credit)</td>
</tr>
<tr>
<td>TLED 668</td>
<td>Internship/Student Teaching and Seminar</td>
</tr>
</tbody>
</table>

All course work, professional education and content courses, with appropriate grades and GPA and all assessments with a passing score must be completed prior to the start of the teacher candidate internship.

**Total Hours**

| Hours | 40-43 |

* 31 credit hours if seeking secondary education, 6-12
* 34 credit hours if seeking elementary education, preK-6 or 6-8
** Select one instructional strategies course if seeking secondary education; select two instructional strategies courses if seeking elementary education, preK-6 or 6-8

Due to changing University requirements, national standards, and the Virginia Board of Education licensure regulations, the programs in the Darden College of Education are under constant revision. Any changes resulting from these factors supersede the program requirements described in this Catalog. Students are encouraged to obtain current program information from their advisors and from the Teacher Education Services website: http://www.odu.edu/tes.
Master of Science in Education, Secondary Education, Teachers of English to Speakers of Other Languages (TESOL), K-12 with Initial Licensure

145 Education Building
757-683-3284

Robert Lucking, Graduate Program Director

The Masters of Science in Education, Secondary Education, Teaching English as a Second Language (TESOL) concentration is for individuals who hold an undergraduate degree and wish to earn a Master of Science in Education degree and qualify for a Virginia Teaching license for grades K-12 in English as a Second Language. The program emphasis is Teaching English to speakers of other languages.

Admission

1. All students must apply for and be admitted into the approved M.S. Ed. with initial licensure program for Teaching English as a Second Language (TESOL – PK-12).
2. A bachelor’s degree from a regionally accredited college/university is required in the liberal arts and sciences (or equivalent).
3. Students must meet the required criteria for admission by passing the Virginia Board of Education prescribed assessments and earning the minimum required Grade point averages (GPA).

Virginia Board of Education prescribed entry assessments are outlined in the Teacher Education Services and Advising section of this catalog.

- A passing PRAXIS I composite score of 532 by December 31, 2013 or
- Passing Praxis Cores section scores (Reading score of 156, Writing score of 162, and Math score of 150) beginning January 1, 2014 or
- Qualifying SAT or ACT test scores or
- PRAXIS I Math test score of 178 and a composite Virginia Communication and Literacy (VCLA) score of 470 by December 31, 2013 or
- Praxis Core math test score of 150 and a composite Virginia Communication and Literacy (VCLA) score of 470 beginning January 1, 2014 or
- SAT Mathematics test score of 530 and a composite Virginia Communication and Literacy (VCLA) score of 470 or
- ACT Mathematics test score of 22 and a composite Virginia Communication and Literacy (VCLA) score of 470

To review more information on the Virginia Board of Education prescribed assessments visit the Teacher Education Services website, http://www.odu.edu/tes.

4. A cumulative undergraduate GPA of 2.80 is required for admission.
5. Only courses that meet the grade required for the academic major or professional education will be accepted for admission in the Darden College of Education.

6. Satisfactory scores must be submitted on either the Graduate Record Examination or Miller Analogies Test.
7. An application for graduate studies and official transcripts must be submitted by the appropriate deadline for admission. Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis subject to conditions specified by the graduate program director for TESOL.

Continuance

1. Students must complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions
2. Students must maintain a cumulative GPA of 3.00 and a minimum of 3.00 GPA in the major. A minimum "B-" grade required for all graduate professional education courses.
3. A grade of “B” or higher is required in all practicum coursework.
4. Students must take and pass the Virginia Communication and Literacy Assessment (VCLA) and the PRAXIS II examination for TESOL prior to or while enrolled in the instructional strategies course.
5. A clearance background check must be completed prior to placement in a field experience required for observation and practicum courses and for the teacher candidate internship. For more information on the clearance background check process please review the information on the Teacher Education Services website: http://www.odu.edu/tes.
6. All assessments must be passed prior to the start of the Teacher Candidate Internship Orientation session. For more information please review the information on the Teacher Education Services website: http://www.odu.edu/tes.

Virginia Board of Education prescribed professional assessments:

- Virginia Communication and Literacy Assessment (VCLA) – a passing composite score of 470 is required on this reading and writing assessment
- Student must meet the PRAXIS II TESOL requirement, test code #0361
- To review more information on the Virginia Board of Education prescribed assessments visit the Teacher Education Services website, http://www.odu.edu/tes.

Exit

Requirements for graduation include the following:

1. passage of the written Comprehensive exam,
2. completion of the Graduate Assessment,
3. a minimum cumulative 3.00 GPA and a minimum B- grade required for all graduate professional education courses,
4. successful completion of the Teacher Candidate Internship,
5. completion of an exit interview,
6. completion of all course requirements, and
7. submission of an application for graduation.

Only courses that meet the grade required for the academic major or professional education will be accepted toward licensure requirements in the Darden College of Education.

Program Requirements

Students seeking initial licensure plus a master’s degree in TESOL (PK-12) must meet the grade required for the academic content requirement in English and professional education courses. Transcripts will be evaluated by the education advisor to determine whether the academic requirements have been met by previous course work.

Curriculum

<table>
<thead>
<tr>
<th>Prerequisite Courses</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 313</td>
<td>Fundamentals of Human Growth and Development: Birth through Adolescence</td>
</tr>
<tr>
<td>ENGL 440/540</td>
<td>General Linguistics (fall only)</td>
</tr>
</tbody>
</table>

Select one from the following:

English for foreign speakers

Academic Content courses in English

<table>
<thead>
<tr>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 677</td>
</tr>
<tr>
<td>ENGL 679</td>
</tr>
<tr>
<td>ENGL 670</td>
</tr>
</tbody>
</table>

Select one from the following:

Old Dominion University 17
Department of Teaching & Learning

3. A cumulative undergraduate GPA of 2.75 is required for admission.

assessments visit the Teacher Education Services website, http://www.odu.edu/tes.

To review more information on the Virginia Board of Education prescribed entry assessments are outlined in the Teacher Education Services and Advising section of this catalog.

Virginia Board of Education prescribed entry assessments:

- A passing PRAXIS I composite score of 532 by December 31, 2013 or
- Passing Praxis Core section scores (Reading score of 156, Writing score of 162, and Math score of 150) beginning January 1, 2014 or
- Qualifying SAT or ACT test scores or
- PRAXIS I Math test score of 178 and a composite Virginia Communication and Literacy (VCLA) score of 470 by December 31, 2013 or
- Praxis Core Math test score of 150 and a composite Virginia Communication and Literacy (VCLA) score of 470 beginning January 1, 2014 or
- SAT Mathematics test score of 530 and a composite Virginia Communication and Literacy (VCLA) score of 470 or
- ACT Mathematics test score of 22 and a composite Virginia Communication and Literacy (VCLA) score of 470

To review more information on the Virginia Board of Education prescribed entry assessments visit the Teacher Education Services website, http://www.odu.edu/tes.

3. A cumulative undergraduate GPA of 2.75 is required for admission.
Students must:

1. hold a bachelor’s degree from an accredited institution;
2. have at least a collegiate professional teaching certificate from the Commonwealth of Virginia,
3. have a cumulative GPA of 2.75 for all college credit courses taken in the baccalaureate degree program,
4. have an interview and recommendation by a departmental representative in library science or his/her designee, and
5. submit an application for licensure only studies.

No courses in the academic major or professional education in which the student has made below a "C-" will be accepted for licensure in the Darden College of Education.

Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis subject to conditions specified by the program director for library science.

Continuance

Students must:

1. maintain a grade point average of 3.00.
2. have a criminal background check completed prior to placement in a field experience required for practicum courses. For more information please review the policy in the Teacher Education Services website: http://www.odu.edu/tes .
3. complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions

Exit

Students must:

1. have a 3.00 grade point average;
2. have an exit interview;
3. have completed all course requirements; and
4. have successfully completed a portfolio review.

Curriculum

Required courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIBS 602</td>
<td>Production of Instructional Materials</td>
<td>3</td>
</tr>
<tr>
<td>LIBS 605</td>
<td>Selection and Utilization of Non-Book Media</td>
<td>3</td>
</tr>
<tr>
<td>LIBS 675</td>
<td>Administration, Management, and Evaluation of Libraries (Required first course)</td>
<td>3</td>
</tr>
<tr>
<td>LIBS 676</td>
<td>Library Media Services and the Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>LIBS 677</td>
<td>Technical Services in Libraries</td>
<td>3</td>
</tr>
<tr>
<td>LIBS 678</td>
<td>Selection, Evaluation and Utilization of Materials NK-12 *</td>
<td>4</td>
</tr>
<tr>
<td>LIBS 679</td>
<td>Theory and Management of Reference and Information Retrieval</td>
<td>3</td>
</tr>
<tr>
<td>LIBS 669</td>
<td>Practicum in School Libraries</td>
<td>3-9</td>
</tr>
</tbody>
</table>

Total Hours 25-31

* Prerequisite: LIBS 642 or equivalent
** Taken after the completion of all library courses.

Master of Science in Education, Secondary or Elementary Education, Library Science Endorsement for Licensed Teachers

This program leads to a master’s degree plus licensure as a school librarian (K-12) for individuals who already have licensure as a teacher. Students applying to this program may apply for a degree in either elementary or
secondary education and should designate the library science concentration on the application form.

Admission

Students must:

1. hold a bachelor’s degree from a regionally accredited college/university;
2. hold the Virginia Collegiate Professional License or an equivalent license from another state;
3. have a general undergraduate grade point average of at least 2.80;
4. have an interview with the graduate program director;
5. apply for admission to graduate school;
6. submit a current resume;
7. submit a writing sample and
8. submit one letter of recommendation.

Students may be required to take the GRE or the Miller Analogies Test. Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis. Contact the Graduate Program Director for this program for additional information.

No courses in the academic major in which the student has made below a "C-" will be accepted for licensure requirements in the Darden College of Education.

Continuance

Students must:

1. maintain a grade point average of 3.00;
2. maintain a grade point average of 3.00 in the major;
3. complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University.
4. have a criminal background check completed prior to placement in a field experience required or practicum courses and for the teacher candidate internship. For more information please review the policy in the Teacher Education Services website: http://www.odu.edu/tes.

Exit

Students must:

1. have a 3.00 grade point average;
2. have a 3.00 grade point average in the major;
3. have an exit interview;
4. have completed all course requirements; and
5. submit an application for graduation; and
6. have successfully completed a portfolio review.

Program Requirements

Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIBS 602</td>
<td>Production of Instructional Materials</td>
</tr>
<tr>
<td>LIBS 605</td>
<td>Selection and Utilization of Non-Book Media</td>
</tr>
<tr>
<td>LIBS 675</td>
<td>Administration, Management, and Evaluation of Libraries (Required first course)</td>
</tr>
<tr>
<td>LIBS 676</td>
<td>Library Media Services and the Curriculum</td>
</tr>
<tr>
<td>LIBS 677</td>
<td>Technical Services in Libraries</td>
</tr>
<tr>
<td>LIBS 678</td>
<td>Selection, Evaluation and Utilization of Materials NK-12</td>
</tr>
<tr>
<td>LIBS 679</td>
<td>Theory and Management of Reference and Information Retrieval</td>
</tr>
<tr>
<td>LIBS 669</td>
<td>Practicum in School Libraries</td>
</tr>
</tbody>
</table>

Support Elective credits ** 3-9

Research Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOUN 612</td>
<td>Applied Research Methods in Education</td>
</tr>
<tr>
<td>TLED 698</td>
<td>Thesis</td>
</tr>
<tr>
<td>FOUN 722</td>
<td>Introduction to Applied Statistics and Data Analysis</td>
</tr>
</tbody>
</table>
| Problems paper option ****

FOUN 612   Applied Research Methods in Education
TLED 636   Problems in Education

Total Hours 34-46

* Prerequisite: LIBS 642 or equivalent
** Prerequisite for the core may be counted as support courses if taken on the graduate level within six years of the date of graduation. These courses must be selected in consultation with the graduate program director or advisor.
*** 9-12 credits; 37 credits required for graduation.
**** 6 credits; 34 credits required for graduation.
***** Taken after the completion of all library courses.

Master of Science in Education, Elementary or Secondary Education, Library Science, K-12, with Initial Licensure for Non-Teachers

145 Education Building
757-683-3284

Jody K. Howard, Graduate Program Director

This is an initial licensure program as a school librarian for people with a non-teaching B.S. or B.A. It is offered as part of the Master of Science in Education, Elementary or Secondary Education program. In this program, students who do not have teacher licensure but who are seeking licensure as a school librarian (K-12) and a master’s degree in education will complete professional studies courses in addition to a prescribed set of school library courses and a research core. The minimum number of graduate credits for the program is 52.

Admission

Students must:

1. hold a bachelor’s degree from a regionally accredited college/university;
2. achieve passing scores (as established by the Commonwealth of Virginia) on the Praxis I Academic Skills Assessment or Board-approved SAT/ACT scores;
3. have a cumulative grade point average of 2.80;
4. submit an application for graduate studies;
5. submit a current resume;
6. submit a writing sample;
7. submit one recommendation;
8. submit an application for graduate studies; and
9. have an interview with the graduate program director.

Students may be required to take the GRE or the Miller Analogies Test (MAT). No courses in the academic major or professional education in which the student has made below a "C-" will be accepted for licensure in the Darden College of Education.

Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis subject to conditions specified by the graduate program director for school librarianship.

Continuance

Students must:

1. maintain a grade point average of 3.00;
2. maintain a grade point average of 3.00 in the major;
3. receive a B or better in practicum to participate in teacher internship;
4. have a criminal background check completed prior to placement in a field experience required for practicum courses and for the teacher candidate internship. For more information please review the policy in the Teacher Education Services website: http://www.odu.edu/tes.
5. complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions

Exit
Students must:
1. have a 3.00 grade point average;
2. have an exit interview;
3. have completed all course requirements;
4. submit an application for graduation; and
5. pass the Virginia Communication and Literacy Assessment (VCLA) prior to licensure; and
6. have successfully completed a portfolio review.

No courses in the academic major or professional education in which the student has made below a "C-" will be accepted for licensure requirements in the Darden College of Education.

Program of Study
Prerequisites. Individuals entering this graduate program must already possess a bachelor’s degree and must pass the professional education assessment requirement (currently Praxis I or equivalent SAT or ACT score) prescribed by the Virginia Board of Education. No courses in the academic major or professional education in which the student has made below a C- will be accepted toward licensure requirements in the College of Education.

Professional Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>TLED 301</td>
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<tr>
<td>TLED 578</td>
<td></td>
</tr>
<tr>
<td>TLED 579</td>
<td></td>
</tr>
<tr>
<td>READ 680</td>
<td></td>
</tr>
<tr>
<td>SPED 313</td>
<td></td>
</tr>
<tr>
<td>** Total Hours</td>
<td>52</td>
</tr>
</tbody>
</table>

Library Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIBS 602</td>
<td>31</td>
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<td>LIBS 605</td>
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<tr>
<td>LIBS 642</td>
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<td>LIBS 675</td>
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<td>LIBS 679</td>
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</tr>
<tr>
<td>LIBS 669</td>
<td></td>
</tr>
</tbody>
</table>

Research Problems paper

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOUN 612</td>
<td>6</td>
</tr>
<tr>
<td>TLED 636</td>
<td></td>
</tr>
<tr>
<td>** Total Hours</td>
<td>52</td>
</tr>
</tbody>
</table>

* Some of these credits may have been taken as an undergraduate.

** To be taken after the completion of all required professional education and library science courses.
*** Taken after at least 12 credits of professional education have been completed.
**** Prerequisite: LIBS 642 or equivalent

Master of Science in Education, Reading Specialist, K-12, Licensed Teachers
145 Education Building
757-683-3284
Tom Bean, Graduate Program Director

General Description of Reading Education
Reading Education offers two programs, 1) the Master of Science in Education, Reading Specialist, K-12, for licensed teachers, and 2) the Reading Specialist, K-12, Post-baccalaureate Endorsement for licensed teachers (non-degree, post-baccalaureate) for candidates already having a master's degree in education. A Doctor of Philosophy in Education with an emphasis in Literacy Leadership within the Curriculum and Instruction program is offered for those seeking additional study in the field of literacy.

Master of Science in Education, Reading plus Reading Specialist Endorsement
The program is designed to provide professional training for prospective reading specialists, literacy coaches, and elementary- and secondary-level reading teachers.

Extensive course offerings permit the graduate student to pursue an area of interest, such as elementary school reading, secondary school reading, college reading, literacy coaching, and reading in clinical settings. As a culminating experience, each student investigates a problem area and prepares a formal research paper or project on a topic of interest.

Candidate study may include an intensive search of the professional literature on reading or selected field experiences in public, private, or governmental reading programs that provide reading services to clients. In addition, candidates tutor children and aid in the diagnosis and remediation of reading problems. Candidates who have three years of satisfactory experience in teaching reading, completed the entire degree program, and satisfactorily completed the Reading for Virginia Educators: Reading Specialists-coded 0304 or 5304 may obtain the reading specialist endorsement.

Admission
Students must:
1. hold a bachelor’s degree from a regionally accredited college/university;
2. hold and submit a copy of the Virginia Collegiate Professional License or an equivalent license from another state;
3. have an undergraduate grade point average of 2.80 and an average of 3.00 in the major;
4. achieve a satisfactory score (as established by the T&L Department) on the Graduate Record Examination or the Miller Analogies Test;
5. have an interview with the graduate program director;
6. have had three semester credits in reading courses at the undergraduate level; and
7. submit an application for graduate studies.

Performance in classes taken as a non-degree student will not be taken into consideration in the admission process. Under certain circumstances, applicants who do not fully meet the requirements for regular admission to the program may be admitted on a provisional basis subject to conditions specified by the graduate program director for reading education.

Continuance
Students must...
1. complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions
2. maintain a grade point average of 3.00, and
3. maintain a grade point average of 3.00 in the major.

Exit
Students must:
1. have a 3.00 grade point average;
2. have a 3.00 grade point average in the major;
3. complete an exit survey;
4. have completed all course requirements;
5. submit an application for graduation; and
6. pass the Reading for Virginia Educators: Reading Specialists Examination coded 0304 or 5304.

Program Requirements
A minimum of 33 semester credits is required for the master’s degree in reading education. The degree candidate must successfully pass the Virginia reading specialist licensure examination, usually taken in the last semester of the program.

Course requirements for completion of the degree program are listed below.

<table>
<thead>
<tr>
<th>Area I: Required Core</th>
<th>27</th>
</tr>
</thead>
<tbody>
<tr>
<td>READ 612</td>
<td></td>
</tr>
<tr>
<td>Action Research in Reading</td>
<td></td>
</tr>
<tr>
<td>READ 618</td>
<td></td>
</tr>
<tr>
<td>Approaches to Teaching Literature and Writing K-12</td>
<td></td>
</tr>
<tr>
<td>READ 619</td>
<td></td>
</tr>
<tr>
<td>Word Study, Phonics, and Linguistics</td>
<td></td>
</tr>
<tr>
<td>READ 622</td>
<td></td>
</tr>
<tr>
<td>Culturally Responsive Literacy for All Learners</td>
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</tr>
<tr>
<td>READ 680</td>
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<tr>
<td>Reading to Learn Across the Curriculum</td>
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<tr>
<td>READ 683</td>
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<tr>
<td>Diagnostic Teaching of Reading in the Classroom</td>
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</tr>
<tr>
<td>READ 685</td>
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</tr>
<tr>
<td>Organizing and Supervising Reading Program Development</td>
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</tr>
<tr>
<td>READ 686</td>
<td></td>
</tr>
<tr>
<td>Advanced Language Development and Reading</td>
<td></td>
</tr>
<tr>
<td>READ 693</td>
<td></td>
</tr>
<tr>
<td>Practicum in Reading</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Area II: Electives (select 2)</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>READ 620</td>
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<tr>
<td>Multicultural Children’s Literature and Literacy</td>
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</tr>
<tr>
<td>READ 625</td>
<td></td>
</tr>
<tr>
<td>Issues and Trends in Literacy Education</td>
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</tr>
<tr>
<td>READ 628</td>
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</tr>
<tr>
<td>New Literacies, Digital Technologies, and Learning</td>
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</tr>
</tbody>
</table>

Total Hours 33

Reading Specialist, K-12, Post-Baccalaureate Endorsement for Licensed Teachers
The non-degree post-baccalaureate endorsement program leads to licensure as a reading specialist for individuals already having a current Virginia teaching license and a master’s degree in education.

Admission
Students must:
1. obtain and submit a completed licensure-only application form to the Graduate Program Director for Reading,
2. submit official transcripts to the Graduate Program Director for Reading, and

<table>
<thead>
<tr>
<th>Required for Endorsement</th>
<th>24</th>
</tr>
</thead>
<tbody>
<tr>
<td>READ 618</td>
<td></td>
</tr>
<tr>
<td>Approaches to Teaching Literature and Writing K-12</td>
<td></td>
</tr>
<tr>
<td>READ 619</td>
<td></td>
</tr>
<tr>
<td>Word Study, Phonics, and Linguistics</td>
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<td>READ 693</td>
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</tr>
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<td></td>
</tr>
</tbody>
</table>

Total Hours 24

Doctor of Philosophy, Education
- Curriculum and Instruction Concentration
- Curriculum and Instruction Emphasis
145 Education Building
757-683-3284
Richard C. Overbaugh, Graduate Program Director
The Doctor of Philosophy, Education, Curriculum and Instruction Concentration, with emphases in Curriculum and Instruction, Early Childhood Education, and Literacy Leadership provides the opportunity for students to become scholarly leaders to serve our nation’s schools, colleges, universities, and related agencies such as business, government, and research institutions to contribute to global education. The curricula is solidly grounded in interpreting and producing research, use of technology to enhance the teaching/learning process, equity, and leadership, which are woven into common core courses and concentration-specific courses.

Emphasis Areas
Curriculum and Instruction
The Curriculum and Instruction Emphasis is the content area most often desired by classroom teachers and school librarians. The program of study includes core courses shared by all three concentrations plus the freedom to choose courses that meet individual specialty area interests (e.g., library science, mathematics, social studies, instructional design etc.) Students are
prepared to be scholarly leaders for academic positions in higher education or in K-12 schools. Personalized mentorship is provided for those who desire careers in academic research, program/curriculum design and evaluation, and higher education, including teacher preparation, policy, and leadership.

Literacy Leadership
The Literacy Leadership Emphasis provides a unique focus to prepare individuals as literacy professionals for leadership and supervisory roles, teaching literacy curriculum and instruction in higher education, and/or consulting for educational organizations or private industry. The program provides study of theories, methodologies, and research with opportunities to develop individual expertise in research, writing, and pedagogy. Personalized mentorship is provided for those who desire careers in academic research, program/curriculum design and evaluation, and higher education, including teacher preparation, policy, and leadership.

Early Childhood Education
The Early Childhood Education Emphasis, through its integral partnership with the Old Dominion University Child Study and Development Centers, focuses on the multidisciplinary study of the cognitive, language, and healthy social/emotional development of young children from birth to age nine. The program prepares students to become faculty in colleges and universities and senior administrators in institutions and agencies. Personalized mentorship and professional training is provided for those who desire careers in academic research, child advocacy, program design and evaluation, and higher education, including teacher preparation, policy, and administrative leadership.

Admission
Admission to the Ph.D. programs in the Department of Teaching & Learning is competitive. Applicants should have a completed master’s degree in an appropriate discipline from a regionally accredited university. Degrees that are equivalent to a master’s degree such as L.L.B., J.D., and D.D.S., will be considered. A number of criteria are considered including graduate and undergraduate GPAs, GRE scores, writing ability, a personal interview, and the match between student interests and faculty expertise. Meeting the minimum requirements established by the department does not ensure admission to the program. A minimum undergraduate GPA of 2.8 and a minimum graduate GPA of 3.25 are recommended.

Application requirements for the Ph.D. - Education - Curriculum and Instruction Concentration are as follows:
1. A completed master’s degree in an appropriate discipline from a regionally accredited university;
2. Three letters of reference from sources including employment supervisors and/or university faculty members capable of commenting on the applicant’s current readiness for advanced graduate study;
3. A 1500 word statement of the applicant’s academic and professional goals with an emphasis on how the Ph.D. degree in curriculum and instruction will contribute to the achievement of the stated goals;
4. Submission of a professional curriculum vitae. Three years of teaching experience are preferred;
5. A completed online application from the Office of Graduate Admissions;
6. Official transcripts of all undergraduate and graduate courses and degrees completed;
7. Official report scores from the Graduate Record Examination (verbal, quantitative, and analytical) taken within the last five years.
8. Applicants whose native language is not English must submit a current score for the Test of English as a Foreign Language (TOEFL) of at least 600 (written) or 250 (computer based).

Applications must be complete and submitted to the ODU Office of Graduate Admissions by October 15 for spring admissions, and March 1 for Summer and Fall admissions (dates subject to change). Note: If you wish to apply for Financial Aid, deadlines for application are as much as six months earlier. Contact the Financial Aid office at 757-683-3683. Financial aid is awarded only to regularly admitted graduate students.

Completed applications will be reviewed by the Ph.D. Curriculum and Instruction Admissions and Continuance Committee. Selected applicants will be invited to campus to participate in various activities including an on-campus interview, writing sample, and a class visit.

Prerequisite Coursework
Prospective students should also have prior course work in statistics, and curriculum and instruction. If this requirement is not met, then additional course work will be added to the student’s graduate program of study.

All students admitted into the Ph.D. program must complete the following prerequisite courses unless they have previously completed equivalent graduate level coursework or expertise.

- Introduction to Research in Education (FOUN 611) or Applied Research Methods in Education (FOUN 612) or equivalent; FOUN 611 is recommended.
- Statistics Applied to Research in Education (FOUN 722 or equivalent).

Degree Requirements
The Ph.D. - Education - Curriculum and Instruction Concentration is comprised of courses totaling a minimum of 60 academic credit hours beyond the master’s degree. The curriculum includes a 15 hour research/foundations block, a 15 hour “common core” taken by all Ph.D. students regardless of emphasis area, a 15 hour concentration core and a 15 hour dissertation block, which includes the dissertation seminar. The dissertation will often require more than 12 credit hours depending on the length of time necessary for completion. Students entering the program may also need to complete introductory research methods statistics courses (FOUN 611 [recommended], FOUN 612 or equivalent) & Statistics Applied to Research in Education (FOUN 722 or equivalent) if they have not had such courses or cannot demonstrate competency at a satisfactory level. Students who come into the Ph.D. program with a master’s degree in an academic field that is unrelated to curriculum and instruction and/or who have not completed courses to develop competency in specified areas may need to complete these courses in addition to the required courses. Students must complete the Responsible Conduct of Research (RCR) modules during the first twelve graduate credit hours at Old Dominion University. For more information review the instructions at: http://www.odu.edu/education/resources/conduct-of-research-instructions#.WBdcK3r_rCo.

Program Continuance, Completion and Exit
It is the expectation that Curriculum and Instruction faculty will prepare Ph.D. candidates to become competent professionals with the knowledge, skills, and dispositions necessary to assume positions as researchers, teacher leaders, advocates, and scholars. On an annual basis, the Curriculum & Instruction Ph.D. Admissions and Continuance Committee and each student’s advisor will formally convene to discuss the continuance of each student in the doctoral degree program.

In order to complete the program, students must fully comply with the curriculum below, and all requirements noted elsewhere in the University catalog for graduate students and within the Ph.D. in Education Handbook. It is the responsibility of the student to obtain these materials and adhere to program requirements.

Course List

<table>
<thead>
<tr>
<th>Prerequisite Coursework</th>
<th>Students must take ONE of the following research courses or equivalent:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELS 660</td>
<td>Program Evaluation, Research and Planning 3</td>
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<tr>
<td>FOUN 611</td>
<td>Introduction to Research Methods in Education 3</td>
</tr>
<tr>
<td>FOUN 612</td>
<td>Applied Research Methods in Education 3</td>
</tr>
<tr>
<td>Students must also have the following or equivalent:</td>
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<tr>
<td>FOUN 722</td>
<td>Introduction to Applied Statistics and Data Analysis 3</td>
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</tbody>
</table>

Early Childhood Education students must also have the following two courses or equivalents as determined by the Program Director.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOUN 641</td>
<td>Assessment and Evaluation of Student Learning</td>
<td>3</td>
</tr>
<tr>
<td>TLED 677</td>
<td>Advanced Child Development Theory and Research</td>
<td>3</td>
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<tr>
<td><strong>Research Core (required)</strong></td>
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<tr>
<td>FOUN 812</td>
<td>Research Design and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>FOUN 814</td>
<td>Qualitative Research Design in Education</td>
<td>3</td>
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<tr>
<td>Choose one course from EACH of the following bound pairs</td>
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<tr>
<td>FOUN 822</td>
<td>Applied Linear Models in Educational Research</td>
<td>3</td>
</tr>
<tr>
<td>or FOUN 823</td>
<td>Analysis of Variance Applied to Educational Research</td>
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<tr>
<td>FOUN 840</td>
<td>Educational Measurement and Assessment</td>
<td>3</td>
</tr>
<tr>
<td>or FOUN 870</td>
<td>Formative Assessment of Student Learning for School Leaders and Curriculum Specialist</td>
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<tr>
<td>FOUN 815</td>
<td>Advanced Qualitative Research</td>
<td>3</td>
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<tr>
<td>or FOUN 813</td>
<td>Program Evaluation in Education</td>
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<tr>
<td><strong>Note:</strong> A research cognate can be earned by taking an additional four courses beyond the required 15 hours.</td>
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<tr>
<td><strong>Common Core (Required by all C&amp;I Concentrations)</strong></td>
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<tr>
<td>TLCI 802</td>
<td>Historical and Contemporary Perspectives on Education</td>
<td>3</td>
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<tr>
<td>TLCI 803</td>
<td>Perspectives and Inquiry in Curriculum and Instruction</td>
<td>3</td>
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<tr>
<td>FOUN 830</td>
<td>Theories of Learning and Instruction</td>
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<tr>
<td>TLCI 804</td>
<td>Instruction Theories and Models</td>
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<tr>
<td>TLCI 805</td>
<td>Critical Issues: Curriculum Research</td>
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<tr>
<td><strong>Literacy Leadership Concentration (required)</strong></td>
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<tr>
<td>TLCI 826</td>
<td>Advanced Supervision of Reading Programs</td>
<td>3</td>
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<td>TLCI 827</td>
<td>Advanced Practicum in Reading</td>
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<tr>
<td>TLCI 828</td>
<td>Contemporary Issues in Literacy Research</td>
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<tr>
<td>ELS 787</td>
<td>Pupil Personnel Services for Diverse Populations</td>
<td>3</td>
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<tr>
<td>ELS 878</td>
<td>Leadership for Teaching and Learning</td>
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<tr>
<td><strong>The literacy leadership concentration requires a minimum of 18 graduate credit hours in Literacy or closely related coursework</strong></td>
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<tr>
<td><strong>Early Childhood Education</strong> **and ****</td>
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<tr>
<td>TLCI or SPED 800</td>
<td>Social/Emotional Aspects of Child Development</td>
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<tr>
<td>TLCI 835</td>
<td>Researching with Children: Contemporary Perspectives on the Child in Research</td>
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<tr>
<td>TLCI 895</td>
<td>Topics in Education (Internship)</td>
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<td>TLCI 836</td>
<td>Working with At-Risk Children and Families: An Ecological Approach</td>
<td>3</td>
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<tr>
<td>TLCI 840</td>
<td>Issues in Early Language and Literacy</td>
<td>3</td>
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<tr>
<td><strong>Curriculum and Instruction Concentration</strong></td>
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<tr>
<td>C&amp;I emphasis students, working with an advisor, will complete a 15-hour concentration block according to individual areas of specialty.</td>
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<tr>
<td>C&amp;I Approved Course 1</td>
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<td>C&amp;I Approved Course 2</td>
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<td>C&amp;I Approved Course 3</td>
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<td>C&amp;I Approved Course 4</td>
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<tr>
<td>C&amp;I Approved Course 5</td>
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<tr>
<td><strong>Dissertation</strong></td>
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<tr>
<td>FOUN 881</td>
<td>Dissertation Seminar</td>
<td>3</td>
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<tr>
<td>TLCI 899</td>
<td>Dissertation</td>
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<tr>
<td><strong>Total Hours</strong></td>
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<td><strong>92-105</strong></td>
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