Bachelor of Science - Career and Technical Education

Admission
Old Dominion University students seeking admission to an approved teacher education program must have submitted Praxis Core or approved alternative test of mathematics, reading, and writing (SAT or ACT).

For the most current information on the prescribed Virginia Board of Education admission assessment, visit the Office of Clinical Experiences website, https://www.odu.edu/oce and review the Professional Education Handbook.

Students must have an interview with the program leader. Students must be admitted into the approved marketing education or technology education teacher preparation program prior to enrolling in SEPS 408.

Continuance
Students in marketing education and technology education licensure programs must:

1. Satisfy University requirements.
2. Maintain a cumulative GPA of 2.75, a major GPA of 2.75 and a core GPA of 2.75 with no earned grade less than C- in all courses taken in the major and in the core.
3. Successfully complete SEPS 297.
4. Take and pass the Virginia Communication and Literacy Assessment (VCLA) and the appropriate PRAXIS Subject Assessment (Technology Education – Content Knowledge, 5051 or Marketing Education – Content Knowledge, 5561) prior to or while enrolled in the Instructional Strategies course SEPS 408. All assessments must be passed prior to the start of the Teacher Candidate Internship Orientation session.

Background Clearance Requirement
Old Dominion University requires a background clearance check of candidates interested in many of the professional education programs. Professional education programs have several field experiences that are required for continuance and graduation from the program. The background clearance must be successfully completed prior to a field experience placement. Candidates will be provided a field experience placement when the background check process is completed with resolution of any issues. The process to complete the ODU clearance background check is located at: https://www.odu.edu/oce/teacher-education/placement/background-checks. The ODU clearance process includes: an FBI fingerprint, a child protective service/social service review, and a Virginia State Police sex offender registry review. Candidates interested in the professional education programs are advised to complete this clearance process immediately upon entry into the program since the clearance process takes a minimum of eight weeks to complete.

Assessments required for teacher education programs and licensure
In order to obtain a Virginia teaching license, all teacher education students must attain passing scores on the appropriate teacher licensure exams. Students are required to take and pass the Virginia Communication and Literacy Assessment (VCLA) with a composite score of 470 or higher to be eligible for licensure. The VCLA should be taken during the semester prior to student teaching. It is recommended that the VCLA be taken after students have completed their English and reading course requirements. All students will take and attain a passing score on the appropriate Praxis Subject Assessment (Technology Education – Content Knowledge, 5051 with a score of 162 or Marketing Education – Content Knowledge, 5561 with a score of 147) in order to be eligible for student teaching and licensure. Score reports of all examinations must be on file in the Office of Clinical Experiences in room 2345 of the Education Building. To review more information on the Virginia Board of Education Prescribed Assessments, visit the Office of Clinical Experiences website, https://www.odu.edu/oce.

Exit
Students in marketing education and technology education licensure programs must have:

1. A 2.75 grade point average overall, in the major, and in the core.
2. Earned a passing grade in student teaching.
3. Completed ENGL 110C, ENGL 211C or ENGL 221C or ENGL 231C, and the writing intensive (W) course in the major with a grade of C or better.
4. Completed the senior assessment.

Due to changing University requirements, national accreditation standards, and Commonwealth licensure regulations, the programs in the Darden College of Education and Professional Studies are under constant revision. Any changes resulting from these factors supersede the program requirements described in this Catalog. Students should obtain current program information from their advisors.

Marketing Education Concentration
This program is designed to prepare students to teach marketing and related subjects in the secondary schools. It is an approved program for meeting licensure requirements to teach marketing education in Virginia. The requirements are as follows:

- **Lower-Division General Education**
  - Written Communication Skills* 6
  - Oral Communication 3
  - Mathematical Skills 3
  - MATH 102M College Algebra
  - or MATH 103M College Algebra with Supplemental Instruction
  - Language and Culture 0-6

- Information Literacy and Research is satisfied by STEM 251G in the major

- Human Creativity 3
- Interpreting the Past 3
- Literature 3
- Philosophy and Ethics 3
- The Nature of Science 8
- Human Behavior 3
- PSYC 203S Lifespan Development

- Impact of Technology is satisfied by STEM 370T in the major

**Core Courses**
- FOUN 301 Learning and Development 3
- FOUN 302 Assessment of Learning 3
- STEM 370T Technology and Society (Writing Intensive)** 3
- TLED 315 Foundations of Education: Historical and Contemporary Issues 3
- TLED 325 Communication and Collaboration in Education Settings 3
- TLED 326 Socio-Cultural Perspectives in Education 3
- TLED 425 Creating and Managing Learning Environments 3
- TLED 426 Introduction to Literacy Research, Theory and Practice in the Classroom 3

**Major Courses**
- ECON 200S Basic Economics 3
- MGMT 325 Contemporary Organizations and Management 3
Bachelor of Science - Career and Technical Education

### Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKTG 311</td>
<td>Marketing Principles and Problems</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 402</td>
<td>Consumer Behavior</td>
<td>3</td>
</tr>
<tr>
<td>SEPS 100</td>
<td>Sales Techniques</td>
<td>3</td>
</tr>
<tr>
<td>SEPS 102</td>
<td>Advertising and Promotion</td>
<td>3</td>
</tr>
<tr>
<td>SEPS 297</td>
<td>Observation and Participation</td>
<td>1</td>
</tr>
<tr>
<td>SEPS 400</td>
<td>Instructional Systems Development</td>
<td>3</td>
</tr>
<tr>
<td>SEPS 401</td>
<td>Foundations of Career and Technical Education</td>
<td>3</td>
</tr>
<tr>
<td>SEPS 402</td>
<td>Instructional Methods in Occupational Studies</td>
<td>3</td>
</tr>
<tr>
<td>SEPS 405</td>
<td>Directed Work Experience</td>
<td>4</td>
</tr>
<tr>
<td>SEPS 415</td>
<td>Advanced Merchandising</td>
<td>3</td>
</tr>
<tr>
<td>SEPS 485</td>
<td>Student Teaching</td>
<td>12</td>
</tr>
<tr>
<td>STEM 251G</td>
<td>Computer Literacy: Communication and Information</td>
<td>3</td>
</tr>
</tbody>
</table>

### Elective Credit

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEM 351</td>
<td>Communication Technology</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours: 114-120

**Elective credit may be needed to meet the minimum of 120 credits required for the degree.**

* Grade of C or better required in both courses

** Grade of C or better required

### Upper-Division General Education

Satisfied in the major.

### Four-Year Plan - Career and Technical Education - Marketing Education

(http://catalog.odu.edu/undergraduate/dardencollegeofeducation/stemeducationprofessionalstudies/ots-marketinged-bs-fouryearplan)

This is a suggested curriculum plan to complete this degree program in four years. Please consult information in this Catalog, Degree Works, and your academic advisor for more specific information on course requirements for this degree.

### Technology Education Concentration

This program is designed to prepare students to teach technology education subjects in middle schools and high schools. It is an approved program for meeting licensure requirements to teach technology education in Virginia. Requirements are as follows.

#### Lower-Division General Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Written Communication Skills</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Oral Communication</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Mathematical Skills**

<table>
<thead>
<tr>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 102M</td>
<td>College Algebra</td>
<td>3</td>
</tr>
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</table>

or MATH 103M College Algebra with Supplemental Instruction

**Language and Culture**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Information Literacy and Research is met through STEM 251G in the major.</td>
<td>0-6</td>
<td></td>
</tr>
<tr>
<td>Human Creativity</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Interpreting the Past</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Philosophy and Ethics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>The Nature of Science</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Human Behavior</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Impact of Technology is met through STEM 370T in the major.**

### Elective Credit

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<tr>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 203S</td>
<td>Lifespan Development</td>
<td>3</td>
</tr>
</tbody>
</table>

**Core Courses**

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<td>Learning and Development</td>
<td>3</td>
</tr>
<tr>
<td>FOUN 302</td>
<td>Assessment of Learning</td>
<td>3</td>
</tr>
<tr>
<td>STEM 370T</td>
<td>Technology and Society (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>TLED 315</td>
<td>Foundations of Education: Historical and Contemporary Issues</td>
<td>3</td>
</tr>
</tbody>
</table>

**TLED 325 Communication and Collaboration in Education Settings | 3** |

**TLED 326 Socio-Cultural Perspectives in Education | 3** |

**TLED 425 Creating and Managing Learning Environments | 3** |

**TLED 426 Introduction to Literacy Research, Theory and Practice in the Classroom | 3**

### Major Courses

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MET 120</td>
<td>Computer Aided Drafting</td>
<td>3</td>
</tr>
<tr>
<td>SEPS 297</td>
<td>Observation and Participation</td>
<td>1</td>
</tr>
<tr>
<td>SEPS 400</td>
<td>Instructional Systems Development</td>
<td>3</td>
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<td>SEPS 401</td>
<td>Foundations of Career and Technical Education</td>
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<td>Instructional Methods in Occupational Studies</td>
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<td>SEPS 485</td>
<td>Student Teaching</td>
<td>12</td>
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<tr>
<td>STEM 110T</td>
<td>Technology and Your World</td>
<td>3</td>
</tr>
<tr>
<td>STEM 221</td>
<td>Industrial Materials</td>
<td>3</td>
</tr>
<tr>
<td>STEM 231</td>
<td>Materials and Processes Technology</td>
<td>3</td>
</tr>
<tr>
<td>STEM 241</td>
<td>Energy Systems: Basic Electricity</td>
<td>3</td>
</tr>
<tr>
<td>STEM 242</td>
<td>Technological Systems Control</td>
<td>3</td>
</tr>
<tr>
<td>STEM 251G</td>
<td>Computer Literacy: Communication and Information</td>
<td>3</td>
</tr>
</tbody>
</table>

**STEM 351 Communication Technology | 3**

**STEM 382 Industrial Design | 3**

**Elective Credit | 6**

Total Hours: 114-120

**Elective credit may be needed to meet the minimum of 120 credits required for the degree.**

* Grade of C or better required in both courses

** Grade of C or better required

### Upper-Division General Education

Satisfied in the major.

### Four-Year Plan - Career and Technical Education - Technology Education

(http://catalog.odu.edu/undergraduate/dardencollegeofeducation/stemeducationprofessionalstudies/ots-teched-bs-fouryearplan)

This is a suggested curriculum plan to complete this degree program in four years. Please consult information in this Catalog, Degree Works, and your academic advisor for more specific information on course requirements for this degree.

### Minor in Marketing Education

The minor in marketing education is offered by the department to students majoring in disciplines other than occupational and technical studies concentration areas and the technology education concentration. Requirements for the minor are:
SEPS 401  Foundations of Career and Technical Education  3
SEPS 402  Instructional Methods in Occupational Studies  3
SEPS 408  Advanced Classroom Issues and Practices in Career and Technical Education  3
SEPS 450  Assessment, Evaluation and Improvement  3
STEM 351  Communication Technology  3

Total Hours  15

Students must pass the Praxis I examination prior to enrolling in SEPS 408. Students must have a minimum overall cumulative grade point average of 2.75 in all courses required for the minor exclusive of 100- and 200-level courses and prerequisite courses and six hours of the 300/400-level courses must be taken through courses offered by Old Dominion University. All courses may be applied toward the licensure requirements to teach marketing education in Virginia.

Licensure/Endorsement Programs

Licensure Program in Marketing Teacher Education

The licensure program in marketing teacher education is designed to prepare a person who has a business-related baccalaureate degree to be a marketing education teacher-coordinator. Participants who successfully complete this program will qualify to apply for a Virginia teaching license to teach marketing education.

Admission

Prior to entering this program students must hold a business-oriented baccalaureate degree in which 30 hours of marketing-related courses have been completed including at least three semester hours each of courses covering the marketing process, economics, personnel, the sales process, operations and organization, and promotion. Students must also have completed a rigorous general education program as outlined by the Commonwealth in its Licensure Regulations for Teachers. They must be interviewed and accepted by the marketing education program leader. Finally, students must attain or exceed the minimum score required by Virginia on the Praxis I examination. The Praxis I exam must be passed prior to admittance into teacher education and taking SEPS 408/SEPS 508.

Exit

Students must:

1. Complete the following courses:
   SEPS 297 Observation and Participation  1
   SPED 313 Fundamentals of Human Growth and Development: Birth through Adolescence  3
   TLED 408 Reading and Writing in Content Areas  3
   SEPS 400/500 Instructional Systems Development  3
   SEPS 401/501 Foundations of Career and Technical Education  3

   Total Hours  31

2. Earn a 2.75 cumulative grade point average if licensure is at the undergraduate level and a 3.00 cumulative grade point average if licensure is at the graduate level; and
3. Document at least 4000 clock hours of acceptable employment in a trade, technical, or industrial education subject area completed within the past five years or complete SEPS 405.

Twelve hours of 500/600 level courses may be applied toward the Master of Science in occupational and technical studies, career and technical education teaching concentration.

Endorsement Program in Industrial Cooperative Training

The endorsement program in industrial cooperative training is designed to prepare a licensed teacher to be endorsed to teach industrial cooperative training in the public schools.

Admission

Prior to entering this program students must have or qualify for a Virginia Collegiate Professional or Postgraduate Professional License. Secondly, they must be interviewed and accepted by the program coordinator.

Exit

Students must:

1. Complete the following courses:
   SEPS 400/500 Instructional Systems Development  3
   SEPS 401/501 Foundations of Career and Technical Education  3
   SEPS 402/502 Instructional Methods in Occupational Studies  3
   SEPS 408/508 Advanced Classroom Issues and Practices in Career and Technical Education  3
   SEPS 450/550 Assessment, Evaluation and Improvement  3

   Total Hours  15

2. Earn a 2.75 cumulative grade point average if licensure is at the undergraduate level and a 3.00 cumulative grade point average if licensure is at the graduate level; and
3. Document at least 4000 clock hours of acceptable employment in a trade, technical, or industrial education subject area completed within the past five years or complete SEPS 405.

Twelve hours of 500/600 level courses may be applied toward the Master of Science in occupational and technical studies, career and technical education teaching concentration.