BACHELOR OF SCIENCE—Occupational and Technical Studies

Technology Education Emphasis

OLD DOMINION UNIVERSITY

2011-2012 Catalog with VCCS equivalencies in (parentheses)

(* indicates not automatically waived with transferrable associates degree, C or better required for transfer)

Admission: Students applying for admission to the teacher education programs in marketing education and technology education must (1) complete at least one semester at Old Dominion University, (2) have a 2.75 grade point average overall, in the major, and in the professional education core with no grade less than C in all courses taken in the major and in the professional education core, (3) have a passing Praxis I composite score of 532 or qualifying SAT or ACT test scores or PRAXIS I Math test score of 178 and a composite Virginia Communication and Literacy Assessment (VCLA) score of 470 or SAT mathematics test score of 530 and a composite VCLA score of 470 or ACT mathematics test score of 22 and a composite VCLA score of 470, (4) present written recommendations from two faculty members from the STEM Education and Professional Studies Department, and (5) have an interview with the program leader. Although students may enroll in a limited number of education courses, students must be admitted into the approved marketing education or technology education teacher preparation program prior to enrolling in any instructional strategies practicum education course (SEPS 408). For admission to the other bachelor’s degree programs, students must (1) complete one semester at Old Dominion University, (2) achieve a minimum grade point average of 2.00 on undergraduate course work completed at the time of application to the major, and (3) have an interview with the program leader.

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/content GPA of 2.75 and a professional education GPA of 2.75 with no earned grade less than C in all courses taken in the major and in the professional education core, (3) successfully complete SEPS 297 and a student teaching interview, and (4) take and pass the Virginia Communication and Literacy Assessment (VCLA) and the appropriate PRAXIS II (Technology Education – Content Knowledge, 0050 or Marketing Education – Content Knowledge, 0561) 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. Students in other non-teacher education majors must (1) satisfy University requirements, (2) maintain a 2.00 overall grade point average, and (3) maintain a 2.00 grade point average in major courses.

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 II specialty test (Technology Education – Content Knowledge, 0050 with a score of 610 or Marketing Education – Content Knowledge, 0561 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 Teacher Education Services Office in room 152 of the Education Building. To review more information on the Virginia Board of Education Prescribed Assessments, visit the Teacher Education Services website, www.odu.edu/tes.

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 professional education core, (2) earned a passing grade in student teaching, (3) passed the Exit Examination of Writing Proficiency, and (4) completed the senior assessment.

LOWER DIVISION GENERAL EDUCATION

A. Skills

Written Communication
ENGL 110C, 211C, 221C, or 231C 3 (See transfer guide)*

Oral Communication
COMM 101R, 103R, or 112R 3 (See transfer guide)

Mathematics
(MATH 102M Required) 3 (MTH 158)*

STAT 130M (Required) 3 (MTH 146, 157, 240, 241 or 242)*

Language and Culture 0-6 (See transfer guide)

Information Literacy and Research

STEM 251G required 3 (ETR 160)*

B. Ways of Knowing

Human Creativity
ART 121A, MUSC 264A, DAN 185A, THEA 241A, COMM/TEA 270A 3 (See transfer guide)

Interpreting the Past
HIST 100H, 101H, 102H, 103H, 104H, or 105H 3 (See transfer guide)

Literature
ENGL 112L, 114L, or FLET 100L 3 (See transfer guide)

Philosophy and Ethics
PHIL 110P, 120P, 140P, 230E, 250E, 303E, 344E, 345E, 441E, or 442E 4 (PHY 100 or 101)*

The Nature of Science
PHYS 101N (Required) 4 (PHY 102)*

Human Behavior (PSYC 201S) 3 (PSY 200, 201 or 202)*

Impact of Technology
(satisfied by STEM 370T in major)

Technical Content

STEM 112 Communication Design 3 (ARC 210)*

STEM 350 Comm for Technology Processes 3

STEM 351 Communication Tech 3

STEM 221 Industrial Materials 3 (IND 180 or 185)*

STEM 231 Materials & Processes Tech 3 (IND 102, 113+114, 115 or MAC 110)*
STEM 320 Manuf & Construct Tech 3

STEM 323 Production Technology 3

STEM 241 Energy Sys: Basic Elect 3 (ELE 113, 114, 115, 120, 121, 122, 130, 150 or 157)*

STEM 242 Technology Sys Control 3 (ELE 143, 144, 156, 157, 160, 169, 201, 202, 225, 233, 234, 238, 239 or 240)*

STEM 330 Medical, Agr, BioTechnology 3

STEM 343 Energy and Power Tech 3

STEM 360 Transportation Tech 3

STEM 370T Tech & Society 3

STEM 382 Industrial Design 3

STEM 417 Explor’g Tech & Modern Ind 3

Technology Education Teaching Courses
TLED 408 Reading & Writing Content Areas 3

SPED 313 Fundamentals of Human Growth and Development 3

SEPS 297 Observation and Participation 1

SEPS 400 Inst Design & Development 3

SEPS 402 Instructional Methods 3

SEPS 408 Adv Classroom Issues/Practices 3

SEPS 485 Student Teaching 12

SEPS 450 Assessment, Eval and Improve 3

UPPER DIVISION GENERAL EDUCATION
Option A: Approved disciplinary minor, (a minimum of 12 hours determined by the department) or second degree or second major
Option B: Interdisciplinary Minor (specifically 12 hours, 3 of which may be in the major)
Option C: International Business and Regional Courses or an approved Certification Program such as teaching licensure
Option D: Two Upper-Division Courses from outside the College of Education and not required by the major (6 hours)

Requirements for graduation include a minimum cumulative grade point average of 2.75 overall and in the major, 123 credit hours, which must include both a minimum of 31 credit hours overall and 12 credit hours in upper-level courses in the major program from Old Dominion University, passage of the Exit Examination of Writing Proficiency, and completion of Senior Assessment.

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 this Catalog. Students should obtain current program information from their advisors and the Darden College of Education website at www.education.odu.edu.

NOTE: Taking ELE 157 will award both STEM 241 and 242