BACHELOR OF SCIENCE-Phys 2015-2016 Old Dominion Universit		nd MBA) NAME:
		UIN: om a Virginia Community College automatically satisfy the lower
division general education requireme remaining lower division courses	ents. Courses marked with * requ are automatically satisfied by the de of "C-" or below were earned wil e 120 credit hour graduation minimu	ire a grade of C or better to transfer, even with the AS degree. The AS (including foreign language), regardless of the grade earned. not transfer. Therefore Community College degree holders may m. (AS=Associate degree)
		Entrance Math Placement Test:
LOWER DIVISION GENERAL EDU		Physics Course Requirements grade/credit Transfer
	eredit <u>VCCS transfer equivalent</u>	MATH 211 Calculus I*4
Written Communication-6 hours		MATH 212 Calculus II4
ENGL 110C English Composition I		MATH 312 Calculus III4 MATH 285
ENGL 211C, 231C	3 AS/ENG 112, 210, or 115,	MATH 307 Differential Equations3 MATH 280
	<u>131</u>	MATH 316 or 401 or 421 or 4223
		MATH 316 or 401 or 421 or 422 CHEM 121N/122N Chemistry I** 4
	3 CST 100, 105, 110, 111,	CHEM 123N/124N Chemistry II**4 CHM 112 or 114
COMM 101R, 103R, 112R	<u>112, or 126</u>	CS 150 Intro to Programming 4 PHVS 231N University Physics I 4 *
26.4		11115 2511 Oniversity Thysics 14
Mathematics-3 hours		PHYS 232N University Physics II 4 *
MATH 162M	satisfied in the major	PHYS 303 Laboratory3
1.0.1		PHYS 323 Modern Physics3
Language and Culture –0-6 hours		11115 333 Watti Wethods3
BS students' competence must be at		PHYS 319 Analytical Mechanics3
Consult transfer guide for all equival	iencies.	PHYS 413 Methods of Exp. Physics3
In Commention Literature 2 hours		PHYS 425 Electricity & Magnetism3
Information Literacy–3 hours CS 120G, CS 121G, LIBS 120G	2 AC/ITE 110	PHYS 452 Intro. Quantum Mechanics3
or ECE 111 + CS 122	3 AS/IIE 119	PHYS 454 Thermal Physics3
01 ECE 111 + CS 122		One course from:
B. Ways of Knowing		PHYS 420, 453 or 4563
Human Creativity3 hours		PHYS 499W or 489W/490W Thesis3
ARTH 121A, ARTS122A,	3 AS/ART 100–106, 111–	Approved Physics Seminar1
7111112171, 711(1512271,	114,—;	One course from:
DANC 185A, MUSC 264A,	MUS 121, 122, 125;	PHYS 311, 313, 332, 350, 411, 415, 416, 417. 3
THEA 241A, COMM/THEA	CST 130, 141, 142, 151,	411, 413, 410, 417.
	152, 231, 232, 250;	*Physics majors must earn a grade of "C" or better in
History3 hours		PHYS 231 and PHYS 232.
HIST 100H, 101H, 102H, 103H,	3 HIS 101, 102, 111,	**(CHEM 137N/138N) or (CHEM 121N/122N/123N/124N)
104H, 105H	121, 122, 203, 204, 231,	(CILEM 10 /1 (10014) of (CILEM 1211 (1221 (1201 (1211))
	232, 253, 254	UPPER DIVISION GENERAL EDUCATION
<u>Literature3 hours</u>		Satisfied by MBA CORE Curriculum, taken Senior Year - each
ENGL 112L, 114L, FLET 100L _	3 AS/ENG 125, 236, 237,	course grade must be B or better for admittance to MBA program:
	<u>241–246, 251–256, 267,</u>	ACCT 601 Accounting for Managers 3
	<u>or 268</u>	BNAL 600 Foundations of Statistics 3
Philosophy and Ethics–3 hours		ECON 604 Mgmt. Econ & Trade 3 FIN 605 Financial Management 3
	3 <u>AS/PHI 100, 101, 102</u>	FIN 605 Financial Management3
250E, 303E, 344E, 345E, 441E,	111, 112, 115, 220,	MGMT 602 Organizational Mgmt. 3
442E, or other 'E' or 'P' course	REL 230, 231, or 232	MKTG 603 Market Management 3
Noticeal Coincian and Tankaralana, 9 h	Mat in the maion	For Physics degree only: 120 HOURS AND A 2.0 GRADE
Natural Science and Technology–8 hours Met in the major		POINT AVERAGE IN THE MAJOR, MINOR, AND OVERALL
Human Behavior–3 hours 3 AS		ARE NEEDED TO GRADUATE.
Human Behavior–3 hours 3 AS ANTR 110S, CRJS 215S, ECON 200S, ECON 201S, ECON 202S,		Additional B.S. Graduation Requirements:
GEOG 100S, GEOG 101S, POLS 100S, POLS 101S, POLS 102S,		Application for Graduation
PSYC 201S, PSYC 203S, SOC 201S, COMM 200S, WMST 201S,		Passage of Physics Exit Exam
FIN 210S	,,	Senior Assessment
		For MBA: Additional 30 credits hours in MBA program. For
The Impact of Technology–3 hours3 AS		detailed information on MBA courses and concentrations, please refer
CS300T, DNTH 440T, ENGL307T, GEOG 306T, HIST 300T, HIST		to the MBA information in the Old Dominion University Graduate
304T, HIST 389T, HIST 386T/SCI 302T, IT 360T, MUSC 335T,		to the 1.12.11 information in the Old Dominion Oniversity Graduate

POLS 350T, STEM 110T, STEM 370T, WMST 390T, COMM 372T,

PHIL 383T, or other 'T' course

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