

2015

BS in Applied Professional Studies 2015-2016 Curriculum

Nova Southeastern University

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COLLEGE OF ARTS, HUMANITIES, AND SOCIAL SCIENCES
 DEGREE CURRICULUM SHEET | 2015-2016 CATALOG
 Bachelor of Science - Applied Professional Studies

GENERAL EDUCATION REQUIREMENTS

Area/Course	Credits	Frequency
<u>Written Composition</u>		
<i>6 credits at or above COMP 1500</i>		
COMP 1500 College Writing	3	FW
COMP 2000 Advanced College Writing	3	FW
<u>Mathematics</u>		
<i>6 credits at or above MATH 1040</i>		
Open Math	3	
Open Math	3	
<u>Arts & Humanities</u>		
<i>6 credits in HIST, ARTS, PHIL, HUMN, LITR, THEA, FILM, MUSC, DANC, WRIT, foreign language</i>		
Open Arts & Humanities	3	
Open Arts & Humanities	3	
<u>Social & Behavioral Sciences</u>		
<i>6 credits in PSYC, SOCL, ANTH, ECN, COMM, GEOG, GEST, INST, POLS</i>		
Open Social & Behavioral Sciences	3	
Open Social & Behavioral Sciences	3	
<u>Science</u>		
<i>6 credits in BIOL, MBIO, CHEM, SCIE, ENVIS, PHYS</i>		
Open Science	3	
Open Science	3	
Total General Education Credits	30	

MAJOR

Course	Credits	Frequency
<u>Concentration I</u>		
18		
<i>Complete 18 credits prior to entering the major</i>		
<u>Concentration II</u>		
24-39		
<i>Complete one of the following five concentrations:</i>		
Biological and Physical Sciences	35-39	
Computer Studies	32-33	
Information Technology	24	
Pre-Optometry Studies	26.5	
Psychological Studies	33	
Total Major Credits	42 - 57	

OPEN ELECTIVES

take 11-16 elective courses	33 - 48
Total Open Electives Credits	33 - 48

Frequency Key F-Every Fall; W-Every Winter; FO - Odd Year Fall; FE - Even Year Fall; WO - Odd Year Winter; WE - Even Year Winter

TOTAL CREDITS 120

Note: Concentration I courses must be completed prior to entering the major.

Note: A letter of intent is required prior to entering the APS program.



COLLEGE OF ARTS, HUMANITIES, AND SOCIAL SCIENCES
 CONCENTRATION SHEET | 2015-2016 CATALOG
 Bachelor of Science - Applied Professional Studies

There are 5 concentrations available; choose one of the following:

Biological and Physical Sciences Concentration		
Course	Credits	Frequency
Program Requirements Select 8 credits from the following		
BIOL 1500 Biology I/Lab	4	FW
BIOL 1510 Biology II/Lab	4	FW
CHEM 1300 General Chemistry I/Lab	4	FW
CHEM 1310 General Chemistry II/Lab	4	FW
Core Course		
BIOL 4901 APS Capstone Course in Bio. and Phys. Sci.	3	W
Major Electives 24-28		
<i>Select seven 2000 or higher level courses, three of which must be at the 3000-level or higher, from the following prefixes BIOL, CHEM, PHYS, MBIO, ENVS, SCIE. At least three of the courses must include a laboratory.</i>		
Total Bio. & Phys. Sci. Concentration Credits	35-39	

Psychological Studies Concentration		
Course	Credits	Frequency
MATH 2020 Applied Statistics	3	FW
PSYC 1020 Introduction to Psychology	3	FW
PSCY 2100 Biological Bases of Behavior	3	FW
PSYC 2160 Social Psychology	3	FW
PSYC 2350 Life-Span Human Development	3	FW
PSYC 2900 Introduction to Quantitative Psychology	3	FW
PSYC 3000 Psychological Research Methods	3	FW
PSYC 3210 Personality <i>or</i>	3	FW
PSYC 3260 Abnormal Psychology	3	FW
PSYC 3520 Principles of Learning	3	WE
PSYC 4901 APS Capstone Course in Psychological/Substan	3	FW
One 3000/4000-level PSYC course, selected w/acad. advisor	3	FW
Total Psychological Studies Concentration Credits	33	

Information Technology Concentration		
Course	Credits	Frequency
CSIS 3023 Legal and Ethical Aspects of Computers	3	F
TECH 1110 Technology in Information Age	3	FW
TECH 2150 Introduction to Internet Resources	3	W
TECH 4901 APS Capstone Course in Information Technology	3	W
<i>Select 12 credits from the following</i>		
CSIS 3500 Network and Data Communication	3	F
PHIL 3010 Ethical Issues in Communication	3	W
TECH 2130 Business Applications of Microcomputers	3	W
TECH 3000 Multimedia Design	3	W
TECH 3010 Principles of Web Site Design	3	F
Total Information Technology Concentration Credits	24	

Pre-Optometry Studies Concentration		
Course	Credits	Frequency
BIOL 4901 APS Capstone Course in Biological and Physical	3	W
OPT 1011 Histology and Embryology	1	F
OPT 1233 Biochemistry	3	F
OPT 1323 Microbiology	3	F
OPT 2422 Ocular Anatomy	3	W
OPTC 1134 Gross Anatomy/Head and Neck	4	F
OPTC 2023 General Neuroanatomy	2.5	W
OPTC 2144 General Physiology	4	W
PHYS 3300 Fundamentals of Optics	3	W
Total Pre-Optometry Studies Concentration Credits	26.5	

Computer Studies Concentration		
Course	Credits	Frequency
MATH 1200 Precalculus Algebra	3	FW
TECH 1110 Technology in Information Age	3	FW
CSIS 1800 Intro. to Computer and Information Sciences	3	FW
CSIS 2000 Introduction to Database Systems	3	F
CSIS 2050 Discrete Mathematics	3	FW
CSIS 2101 Fundamentals of Computer Programming	3	FW
CSIS 3101 Advanced Computer Programming	3	FW
CSIS 4901 APS Capstone Directed Independent Study	3	FW
<i>Select 6-7 credits from the following</i>		
CSIS 3020 Web Programming and Design	3	F
CSIS 3500 Network and Data Communication	3	F
CSIS 3750 Software Engineering	4	W
CSIS 4890 Special Topics in Computer Information Systems	3	I
Total Computer Studies Concentration Credits	32-33	

Frequency Key: F-Fall; W-Winter; WE-Even Year Winter; I-Infrequent



COLLEGE OF ARTS, HUMANITIES, AND SOCIAL SCIENCES
 SAMPLE FOUR YEAR CURRICULUM | 2015-2016 CATALOG
 Bachelor of Science - Applied Professional Studies

Freshman Year			
Fall		Winter	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
COMP 1500 College Writing	3	COMP 2000 Advanced College Writing	3
Open Math	3	Open Math	3
Open Social & Behavioral Sciences	3	Open Social & Behavioral Sciences	3
Concentration I Course*	3	Concentration I Course*	3
Open Elective	3	Open Elective	3
Total Credits	15	Total Credits	15
Sophomore Year			
Fall		Winter	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
Open Arts and Humanities	3	Open Arts and Humanities	3
Open Science	3	Open Science	3
Concentration I Course*	3	Concentration I Course*	3
Concentration I Course*	3	Concentration I Course*	3
Open Elective	3	Open Elective	3
Total Credits	15	Total Credits	15
Junior Year			
Fall		Winter	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
Concentration II Course**	3	Concentration II Course**	3
Concentration II Course**	3	Concentration II Course**	3
Concentration II Course**	3	Concentration II Course**	3
Open Elective	3	Open Elective	3
Open Elective	3	Open Elective	3
Total Credits	15	Total Credits	15
Senior Year			
Fall		Winter	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
Concentration II Course**	3	Concentration II Course**	3
Concentration II Course**	3	Concentration II Course**	3
Concentration II Course**	3	Open Elective	3
Concentration II Course**	3	Open Elective	3
Open Elective	3	Open Elective	3
Total Credits	15	Total Credits	15
TOTAL CREDITS 120			

*Note: Concentration I courses must be completed prior to entering the major.

**Note: A letter of intent is required prior to entering the APS program.