ADOLESCENT EDUCATION MAJOR IN TEACHING BIOLOGY

Campus: NYC, Westchester

Major Completion Requirements

Requirement	Credits
University Core Requirements	59
Major Requirements	61-64
Total Credits	**120-126**

University Core Requirements

See complete University Core (http://catalog.pace.edu/undergraduate/university-core-curriculum/) requirements.

Code	Title	Credits
Foundation Requirements		
ENG 110	Composition	3
ENG 120	Critical Writing	4
ENG 201	Writing in the Disciplines	3
COM 200	Public Speaking	3
LOTE		6
UNV 101	First-Year Seminar: Introduction to University Community	1
MAT 131	Calculus I	4
BIO 101	General Biology I	4
CIS 101	Introduction to Computing	3
Areas of Knowledge (AOK)		
AOK#1: Civic Engagement		
TCH 201	Education I: Understanding Schools	
AOK#2: Western Heritage		*3*
AOK#3: World Traditions and Culture		*3*
AOK#4: Humanistic and Creative Expression		*3*
One Additional AOK		*4*
In-Depth Sequence		
Three Level 200 (or higher) in Concentration Area		12
AOK#5: Analysis of Human, Social Natural, Phenomena		*3*
Total Credits		**59**

Major Requirements

Code	Title	Credits
Biology Content Area Requirements		
CHE 112	General Chemistry II	4
CHE 223	Organic Chemistry I	5
CHE 224	Organic Chemistry II	5
BIO 102	General Biology II	4
BIO 210	Ecology	0-4
BIO 399Z	Topics: Evolutionary Biology	3
Adolescent Program Requirements		
TCH 201	Understanding Schools	3
TCH 211A	Child Abuse and Violence Prevention	0
TCH 211D	DASA- Harassment, Bullying, Cyberbullying and Discrimination in Schools, Prevention & Intervention	0
TCH 215	Understanding Teaching & Learning: General Curriculum Models & Methods for all Learners	3
TCH 301	Understanding Learning Environments	3
TCH 412	Literacy Instruction in the Secondary School	3

TCH 475	Introduction to Special Education	3
TCH 495	Student Teaching in Adolescent Classroom	7
TCH 203	Understanding Development: Childhood and Adolescence in Context	3
TCH 309	Understanding Assessment and Evaluation	3
TCH 316	Fieldwork I: Field Experiences in Adolescent Settings	0-1
TCH 317	Fieldwork II: Field Experiences in Adolescent Settings	0-1
TCH 418	Fieldwork III: Field Experiences in Adolescent Settings	0-1
TCH 419	Student Teaching Seminar in Adolescent Settings	2
TCH 452	Understanding Language, Culture, and Education	3
TCH 429	Teaching Science to Adolescents	3
Total Credits		**57-64**

Course	**Title**	**Credits**
First Year		
Fall		
UNV 101	First-Year Seminar: Introduction to University Community	1
MAT 131	Calculus I	4
ENG 110	Composition	3
COM 200	Public Speaking	3
CIS 101	Introduction to Computing	3
BIO 101	General Biology I	4
	Credits	**18**
Spring		
TCH 201	Understanding Schools (AOK1)	3
MAT 132	Calculus II	4
ENG 120	Critical Writing	4
BIO 102	General Biology II	4
Western Heritage (AOK2)		3
	Credits	**18**
Second Year		
Fall		
TCH 211A	Child Abuse and Violence Prevention	0
TCH 301	Understanding Learning Environments	3
LOTE		3
Analysis of Human, Social, and Natural Phenomena (AOK5)		3
BIO		3-4
BIO		3
	Credits	**15-16**
Spring		
TCH 203	Understanding Development: Childhood and Adolescence in Context	3
TCH 215	Understanding Teaching & Learning: General Curriculum Models & Methods for all Learners	3
TCH 211D	DASA- Harassment, Bullying, Cyberbullying and Discrimination in Schools, Prevention & Intervention	0
LOTE		3
ENG 201	Writing in the Disciplines	3
BIO		3-4
	Credits	**15-16**
Third Year		
Fall		
TCH 309	Understanding Assessment and Evaluation	3
TCH 316	Fieldwork I: Field Experiences in Adolescent Settings	0-1
BIO		4

BIO		4
BIO		4
	Credits	**15-16**
Spring		
TCH 317	Fieldwork II: Field Experiences in Adolescent Settings	0-1
TCH 429	Teaching Science to Adolescents	3
TCH 412	Literacy Instruction in the Secondary School	3
BIO		6
Elective		3
	Credits	**15-16**
Fourth Year		
Fall		
TCH 418	Fieldwork III: Field Experiences in Adolescent Settings	0-1
TCH 452	Understanding Language, Culture, and Education	3
TCH 475	Introduction to Special Education	3
BIO		4
Elective		3
	Credits	**13-14**
Spring		
TCH 419	Student Teaching Seminar in Adolescent Settings	2
TCH 495	Student Teaching in Adolescent Classroom	7
Graduate/Elective		3
	Credits	**12**
	Total Credits	**121-126**