

PHYSICS TEACHER EDUCATION (60 Credits)**Guided Pathway: Associate of Arts; Concentration: Physics Teacher Education (FULL TIME).**For more information, visit www.fgc.edu and your academic advisor.Meta-major: **Education**University Transfer: **FAU, FIU, UCF, USF (UF – must major in subject area)**

The **Associate of Arts** degree is a collegiate degree program consisting of lower-division courses intended for transfer to baccalaureate programs at the universities listed aboveⁱⁱ. This plan is for those who are interested in earning a baccalaureate degree in **Physics Teacher Education**.

This is the sequence of courses for students interested in majoring in **Physics Teacher Education** at one of the universities listed above. It does not represent a contract, nor does it guarantee course availability or entry into your university of choice. This pathway presents classes needed for your baccalaureate degree in **Physics Teacher Education**. Courses that complete the degree are listed below. As always, visit your academic advisor each semester to help you keep on track for graduation.

Note: All AA degrees must satisfy the Foreign Language requirement for graduation. Please see catalog**SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS****FULL-TIME
PATHWAY**

SEMESTER 1	ACTION ITEMS
ENC 1101 – Freshman Composition I ^{iv} (Communication core)	<ul style="list-style-type: none">Meet with your advisor to confirm academic and career goals by the end of the semester.REQUIRED: Complete the <i>Computer Competency</i> course within Canvas.Signup for and pass the Florida Civic Literacy Exam.Consult your advisor to make sure you have met <i>the Foreign Language requirement</i>.At the end of the semester, begin research on college and universities where you want to seek to transfer. Meet with a career advisor/coach to research your career options with a degree in <i>Physics Teacher Education</i>.Remember to start collecting artifacts from your courses for your Academic & Career Portfolio in SLS 2370.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)
Choose one: AMH 2020 – US History from 1865 OR POS 1041 – American Government ^{iv} (Social Science & civic literacy)	
MAC 1105 – College Algebra ^{iv v} (Mathematics core) **	
Choose one: PSY 2012 – General Psychology OR SYG 1000 – Introduction to Sociology OR SYG 2300 – Introduction to Social Psychology OR Any DEP, ANT, or ECO course (Social Science) ^{iv}	
CHM 2045/L – General Chemistry I w/Lab (Physical Science) (4 cr)	
TOTAL SEMESTER CREDIT HOURS: 16	
SEMESTER 2	ACTION ITEMS
MAC 1140 – Precalculus ^{iv v} (Mathematics core)	<ul style="list-style-type: none">Meet with your advisor to confirm or update your academic/career pathway and program of study.Ask about transfer advising to discuss options to pursue the bachelor’s degree.Continue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370.
MAC 1114 - Trigonometry ^{iv v} (Elective Prerequisite)	
ENC 1102 – Freshman Composition II ^{iv} (Communication)	
CHM 2046/L – General Chemistry II/Lab (Physical Science) (4 cr)	
Choose one: LIT 2000 – Introduction to Literature OR Any general education AML, ENL, LIT, PHI or REL courses (Humanities) ^{iv}	
TOTAL SEMESTER CREDIT HOURS: 16	
SEMESTER 3	ACTION ITEMS
MAC 2311 – Calculus I ^{iv} (Elective Prerequisite) (4 cr)	<ul style="list-style-type: none">Meet with your advisor to confirm or update your academic/career pathway and program of study.Ask about transfer advising to discuss options to pursue the bachelor’s degree.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)Check with your advisor for important deadlines and datesContinue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370
Choose one: MUL 1010 – Music Appreciation OR THE 2000 – Theatre Appreciation OR ARH 1000 – Art Appreciation OR HUM 2020 – Introduction to Humanities ^{iv} (Humanities core)	
TOTAL SEMESTER CREDIT HOURS: 7	

SEMESTER 4	ACTION ITEMS
SLS 2370 – Personal Academic & Career Engagement ^{iv} (3rd Soc Sci)	<ul style="list-style-type: none">• Begin applying to your top choice universities.• Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">○ You can start the FAFSA in October for the next academic year. <i>(i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)</i>• Check with your advisor for important deadlines and dates
PHY 2048C – General Physics w/ Calculus I (5 cr)	
MAC 2312 – Calculus II ^{iv} (Elective Prerequisite) (4 cr)	
EDF 1005 – Introduction to Teaching (Elective Prerequisite)	
TOTAL SEMESTER CREDIT HOURS: 16	
SEMESTER 5	ACTION ITEMS
PHY 2049C – General Physics w/ Calculus II (5 cr)	<ul style="list-style-type: none">• After reviewing your final program of study, apply for Graduation.<ul style="list-style-type: none">○ Meet with your advisor to apply for the degree.○ Sign up for commencement.• Request final transcripts to be sent to the college or university to where you will transfer.• Congratulations, graduate!
Choose one: SPC 2608 – Public Speaking OR SPC 1017 – Oral Communications OR SPC 1061 – Introduction to Academic and Professional Speaking ^{iv} (Communications)	
Choose one: Any BSC course OR BOT 2010C – Botany OR MCB 2010/L – Microbiology OR ZOO 2010C - Zoology (Biological Science) (3-4 cr)	
MAC 2313 – Calculus III ^{iv} (Elective Prerequisite) (4 cr)	
TOTAL SEMESTER CREDIT HOURS: 15-16	
AAPT DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS PATHWAY TOTAL: 69-70 CREDIT HOURS	

ⁱ Degree plans may change in later catalogs. You may use this pathway if you entered the college on or before this date.

ⁱⁱ Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by FGC to award the degree.

ⁱⁱⁱ This is not an official degree plan. For official degree requirements, [click here](#).

^{iv} You must earn a grade of "C" or better in all Gordon Rule classes.

^v If student enrolls ready for MAC 2311, then MAC 1105, MAC 1114, and MAC 1140 are not necessary, bringing the total number of credits down.

PHYSICS TEACHER EDUCATION (60 Credits)

Guided Pathway: Associate of Arts; Concentration: Physics Teacher Education (PART TIME).

For more information, visit www.fgc.edu and your academic advisor.

Meta-major: **Education**

University Transfer: **FAU, FIU, UCF, USF (UF – must major in subject area)**

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Note: All AA degrees must satisfy the Foreign Language requirement for graduation. Please see catalog

SEMESTER BY SEMESTER MAP FOR PART-TIME STUDENTS



PART-TIME PATHWAY

SEMESTER 1		ACTION ITEMS	
ENC 1101 – Freshman Composition I ^{iv} (Communication core)		<ul style="list-style-type: none">Meet with your advisor to confirm academic and career goals by the end of the semester.REQUIRED: Complete the Computer Competency course within Canvas.Consult your advisor to make sure you have met the Foreign Language requirement.Remember to start collecting artifacts from your courses for your Academic & Career Portfolio in SLS 2370Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)	
MAC 1105 – College Algebra ^{iv v} (Mathematics core)			
Choose one: MUL 1010 – Music Appreciation OR THE 2000 – Theatre Appreciation OR ARH 1000 – Art Appreciation OR HUM 2020 – Introduction to Humanities ^{iv} (Humanities core)			
TOTAL SEMESTER CREDIT HOURS: 9			
SEMESTER 2		ACTION ITEMS	
ENC 1102 – Freshman Composition II ^{iv} (Communication)		<ul style="list-style-type: none">At the end of the semester, begin research on college and universities where you want to seek to transfer. Meet with a career advisor/coach to research your career options with a degree in Physics Teacher Education.Continue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370.	
MAC 1140 – Precalculus ^{iv v} (Mathematics core)			
MAC 1114 - Trigonometry ^{iv v} (Elective prerequisite)			
TOTAL SEMESTER CREDIT HOURS: 9			
SEMESTER 3		ACTION ITEMS	
MAC 2311 – Calculus I ^{iv} (Elective Prerequisite) (4 cr)		<ul style="list-style-type: none">Meet with your advisor to confirm or update your academic/career pathway and program of study.Signup for and pass the Florida Civic Literacy Exam.Continue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)	
Choose one: AMH 2020 – US History from 1865 OR POS 1041 – American Government ^{iv} (Social Science & civic literacy)			
Choose one: SPC 2608 – Public Speaking OR SPC 1017 – Oral Communications OR SPC 1061 – Introduction to Academic and Professional Speaking ^{iv} (Communications)			
TOTAL SEMESTER CREDIT HOURS: 10			
SEMESTER 4		ACTION ITEMS	
MAC 2312 – Calculus II ^{iv} (Elective Prerequisite) (4 cr)		<ul style="list-style-type: none">Meet with your advisor and ask about transfer advising to discuss options to pursue the bachelor's degree.Continue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370.	
Choose one: Any general education BSC course OR BOT 2010C – Botany OR MCB 2010/L – Microbiology OR ZOO 2010C - Zoology (Biological Science) (3-4 cr)			
TOTAL SEMESTER CREDIT HOURS: 7-8			

SEMESTER 5	ACTION ITEMS
CHM 2045/L – General Chemistry I/Lab (Physical Science) (4 cr)	<ul style="list-style-type: none">Meet with your advisor to confirm academic and career goals by the end of the semester.Meet with a career advisor/coach to research your career options.Continue collecting artifacts from your courses for your Academic & Career Portfolio in SLS 2370.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)
MAC 2313 – Calculus III ^{iv} (Elective Prerequisite) (4 cr)	
EDF 1005 – Introduction to Teaching (Elective Prerequisite)	
TOTAL SEMESTER CREDIT HOURS: 11	
SEMESTER 6	ACTION ITEMS
CHM 2046/L – General Chemistry II/Lab (Physical Science) (4 cr)	<ul style="list-style-type: none">Meet with your advisor to confirm or update your academic/career pathway and program of study.
SLS 2370 – Personal Academic & Career Engagement ^{iv} (3rd Soc Sci)	
TOTAL SEMESTER CREDIT HOURS: 7	
SEMESTER 7	ACTION ITEMS
Choose one: LIT 2000 – Introduction to Literature OR Any general education AML, ENL, LIT, PHI or REL courses (Humanities) ^{iv}	<ul style="list-style-type: none">Begin applying to your top choice universities.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)Check with your advisor for important deadlines and dates
PHY 2048C – General Physics w/ Calculus I (Elective Prerequisite) (5 cr)	
TOTAL SEMESTER CREDIT HOURS: 8	
SEMESTER 8	ACTION ITEMS
PHY 2049C – General Physics w/ Calculus II (Elective Prerequisite) (5 cr)	<ul style="list-style-type: none">After reviewing your final program of study, apply for Graduation.<ul style="list-style-type: none">Meet with your advisor to apply for your degree.Sign up for commencement.Request final transcripts to be sent to the college or university to where you will transfer.Congratulations, graduate!
Choose one: PSY 2012 – General Psychology OR SYG 1000 – Introduction to Sociology OR SYG 2300 – Introduction to Social Psychology OR Any DEP, ANT, or ECO course (Social Science) ^{iv}	
TOTAL SEMESTER CREDIT HOURS: 8	
AAPT DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS PATHWAY TOTAL: 69-70 CREDIT HOURS	

ⁱ Degree plans may change in later catalogs. You may use this pathway if you entered the college on or before this date.

ⁱⁱ Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by FGC to award the degree.

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^v If student enrolls ready for MAC 2311, MAC 1105, MAC 1114, and MAC 1140 are not necessary, bringing the number of pathway credits down.