

The following information was omitted from the College of Engineering, Physics, and Computing section:

Departments of the College of Engineering, Physics, and Computing > Department of Physics

Accelerated Bachelors to Masters Programs (4+1 Programs)

The Department of Physics offers students with outstanding academic records (minimum 3.5 grade-point average) the possibility of beginning work toward a master's degree during the junior year. In such cases, up to four courses may, with approval, be applied to both undergraduate and graduate degree requirements. However, all requirements for the bachelor's degree must be completed before credits toward the master's degree may be applied, and all requirements for application to and completion of the master's degree must be completed within five years of matriculation.

The following accelerated Bachelors to Masters programs are offered:

Bachelor to Master of Science in Applied Physics and Nanotechnology

Students pursuing an undergraduate degree in any Science or Engineering discipline or in Mathematics at CUA can opt for the 4+1 option for the M.S. in Applied Physics and Nanotechnology. In this track, after successful completion of their bachelor's degree, students will be able to earn an M.S. degree in two semesters or in approximately nine months. Students interested in this track should meet with the director of the Applied Physics and Nanotechnology program in their Junior year to plan out the series of courses they will take in Physics to prepare them for the 4+1 track. For this track, a student must take in their Junior and Senior years at least 4 courses stipulated by the Applied Physics and Nanotechnology program (12 credit hours or more) while maintaining a cumulative GPA of 3.0 or more. The thesis option will not be allowed in the 4+1 track. After completion of their bachelor's degree, students will take an additional 18 credit hours of coursework - or the balance required per the program requirements - from the lists of approved and required courses. All course-related decisions will be made in consultation with the program director.

Bachelor to Master of Science in Applied Space Weather Research

Students pursuing an undergraduate degree in any Science or Engineering discipline or in Mathematics at CUA can opt for the 4+1 option for the M.S. in Applied Space Weather Research. In this track, after successful completion of their bachelor's degree, the student will be able to earn an M.S. degree in two more semesters or in approximately nine months. For the 4+1

option, a student must take 4 courses (or more) stipulated by the Space Weather program (12 credit hours or more) with good standing in CUA (cumulative GPA of 3.0 or more). The thesis option will not be allowed in the 4+1 track. Students will take an additional 18 credit hours of coursework - or the balance required per the program requirements - after completion of their Bachelor's degree. These courses will be chosen in consultation with the program director starting in their junior year and continuing into the Master's program.

The following information was omitted from the Undergraduate Programs section:

Undergraduate Programs > Bachelor Degree Programs > Accounting - Bachelor of Science (B.S.)

Business Foundations Sequence - Take All

MGT 118/ENT 118/ENT 118A/ENT 118B	The Vocation of Business	3
MGT 123A/MGT 123B	Foundations of Business	3
MKT 345	Marketing Management	3

Foundational Economic Thought Sequence - Take All

SRES 101/ECON 102/ECON 104/MMGT 101/SRES 101/SRES 101H	Markets & Prosperity I	3
SRES 102/SRES 102/MMGT 102	Markets & Prosperity II	3
SRES 290/POL 290/SRES 290	International Political Economy	3

Ethics and Law Sequence - Take All

ACCT 442	Accounting Ethics	3
ACCT 480/ACCT 480	Legal Aspects of Accounting, Auditing and Finance	3

Core Courses - Take All

ACCT 205/ACCT 205/MMGT 205/IEDM 505	Introductory Accounting	3
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ACCT 206/ACCT 206/MMGT 206	Managerial Accounting	3
FIN 226/FIN 226/MMGT 226	Introduction to Finance	3
MGT 475/MGT 475/MMGT 475	Business Strategy	3

Required Accounting Courses - Take All

ACCT 310	Intermediate Accounting I	3
ACCT 311	Intermediate Accounting II	3
ACCT 312	Cost Accounting	3
ACCT 412/ACCT 412	Auditing	3
ACCT 417	Government and Non-Profit Accounting	3
ACCT 418/ACCT 418	Advanced Accounting	3
ACCT 419/ACCT 419	Taxation I	3
ACCT 422/ACCT 422	Advanced Auditing	3

Calculus Course - Take One

MATH 111	Calculus for Social-Life Sciences I	3
MATH 121	Analytic Geometry and Calculus I	4

Business Analytics Elective- Take One

ACCT 425	Accounting Information Systems	3
MGT 240/MGT 240/MMGT 240	Management of Information	3
MGT 351	Introduction to Business Intelligence	3
MGT 361	Data Analytics and Visualization for Business	3

Career Discernment Courses- Take All

BUS 199	Exploration: Career Discernment I	1
BUS 299A	Application: Career Discernment II	1
BUS 399A	Networking: Career Discernment III	1
BUS 499A	Decision-Making: Career Discernment IV	1

Comprehensive Assessment - Take All

ACCT 498	Undergraduate Comprehensive Examination	0
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Statistics - Take One (Non-Honors business students must enroll in ECON 223/MGT265)

ECON 223/ECON 223/MGT 265	Statistics for Business and Economics	3
HSSS 203/PSY 322/HSSS 203	Social Data Analysis and the Study of Uncertainty	3

The following information was omitted from the Undergraduate Programs section:

Undergraduate Programs > Bachelor Degree Programs > Elementary Education - Bachelor of Arts (B.A.)

We are pleased to announce that the Bachelor of Arts in Elementary Education program has been fully revised and is now officially reopened, effective Spring 2026.

This renewal reflects an exciting new chapter for the program, marked by new faculty, strengthened leadership, and a refreshed vision for preparing future educators. Our redesigned program is committed to academic excellence, meaningful classroom practice, and the formation of teachers who are equipped to serve diverse learners with both skill and purpose.

As part of this new season, we are also proud to introduce our chapter of Kappa Delta Pi, the international honor society in education. This provides our students with opportunities for professional recognition, leadership development, and connection to a broader community of educators dedicated to excellence in teaching.

We are excited to welcome a new generation of teacher candidates into a program that is both renewed in vision and grounded in purpose.

Degree Requirements**Major Requirement – Take All**

EDUC 251	Foundations of Education	3
EDUC 261	Human Growth and Development	3
EDUC 271	Psychology of Learning	3
EDUC 301	Pract Erly Childhood/Elem Ed	1
EDUC 302	Pract Erly Childhood/Elem Ed	1
EDUC 311	ELA for Lower Elementary	3
EDUC 312	Curric & Instruc in Elem Sch	3
EDUC 313	Clsm Mgmt Theory & Strat	3
EDUC 320	Tchg Erly Child/Elem Soc Std	3
EDUC 321	Science, Health, and Phys Ed	3
EDUC 323	Meth & Mats Mod EC & Elem Math	3
EDUC 324	Reading & Lang Arts in EC/Elem	3
EDUC 381	Educating Diverse Learners	3
EDUC 400	ST Internship	9
EDUC 401	ST Seminar	3

Licensure: Theology Courses – Take One

TRS 308B	Race & Ethnicity in the Bible	3
TRS 325	American Catholicism	3
TRS 331	TheoHuman Rights in Lat Amer	3
TRS 338A	Religion and Ethics on Film	3
TRS 357A	Jesus the Teacher	3
TRS 373	Theology, Science, and Technology	3
TRS 380A	The Chal Rel Plur Amer Exper	3
TRS 381	Ways of Peace in World Relig	3
TRS 383	Race and Religion	3
TRS 485MJ	Ways of Studying Religion	3

Licensure: U.S. History

HIST 208	Transformative Texts II	3
HIST 246	Electing the President	3
HIST 256	Lincoln in History and Memory	3
HIST 257	Making of America 1607-1877	3
HIST 258	Emerging Superpower: US Hist	3
HIST 261	The Cold War	3
HIST 288	Crime & Justice on the Border	3
HIST 303	African-American RaceRelations	3
HIST 321	Historical Archeology	3
HIST 324	Cult Herit of Native America	3
HIST 335	Political Humour	3
HIST 347	Intro to American Cinema	3
HIST 348	America and the World	3
HIST 348C	Vice in America	3
HIST 349	Washington: Symbol and City	3
HIST 349B	Discovering Medieval DC	3
HIST 350	Myth and Reality American Fro	3
HIST 352	Race and Freedom in Early Amer	3
HIST 353	Civil War and Reconstruction	3
HIST 357	Hist of Old South 1607-1865	3
HIST 358	Interwar America: 1919-1941	3
HIST 358B	Postwar America:1945-1975	3

HIST 364	U.S. Foreign Policy – Cold War	3
HIST 375	Rev America & Early Republic	3
HIST 379B	The Legacy of Political Satire	3
HIST 393	History & Public Life in U.S.	3

Licensure: Global History – Take One

(Contact your advisor to discuss the course options)

Licensure: Social Science – Take One

ANTH 202	Sex & Culture in Modern World	3
ANTH 240	Intro to Cultural Heritage	3
ANTH 264	Public Heritage: Africana	3
ANTH 324	Cult Herit of Native America	3
ANTH 355	LatinosLatinas in US	3
ANTH 366	Identity & Community in Amer	3
EDUC 522	Race, Class, Gender, Disblty-Ed	3
SOC 110	Intro to Africana Studies	3
SOC 203	Race and Ethnicity	3
SOC 307	Education and Society	3
SOC 323	Race Relations	3
SOC 324	Race and Ethnic Relations	3
SOC 326	Diversity in Multicultural Soc	3
SOC 351	Inequality: Race/Class/Gender	3
SOC 373	Cross Cltrl Gender Studies	3
SOC 383	Disability Policies	3
SSS 326	Diversity in Multicultural Soc	3

Licensure: Probability & Statistics – Take All

MATH 114	Probability and Statistics	3
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Licensure: Natural Science – Take All

BIOL	Human Biology	3
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Licensure: Natural Science – Take One

PHYS 101	20 th Century Physics I	3
PHYS 103	Astronomy	3
PHYS 122	Sound & Light in NatureArtTech	3

Licensure: Geography – Take One

ANTH 264B	Public Heritage: Africana	3
ANTH 353	GLS for the Social Sciences	3
ANTH 354	Arch of Settlements Landscapes	3

Licensure: English – Take One

ENG 325	Contemporary English Grammar	3
ENG 326	Workshop: Writing Improvement	3