

# COMPUTATIONAL PHYSICS

Bachelor of Science

1ST YEAR

2ND YEAR

3RD YEAR

4TH OR FINAL YEAR

WHERE  
COULD I GO  
AFTER  
GRADUATION?

COURSES TO TAKE

**Fall**

- WU101 (3) and PS103 (1)
- EN101 (3)
- MA151 (5)
- CM111 (4)

**Spring**

- PS281 (5)
- MA152 (5)
- MA206 (3) and a gen-ed (3)

Meet with professors, think ahead about career goals, gen-ed and elective classes.

**Fall**

- PS282 (5)
- MA253 (3)
- CM245 (3)
- Gen-ed course (3)

**Spring**

- PS320, PS334 (even years) (6)
- PS350, PS365 (odd years) (6)
- PS340 (even years) (3)
- MA140 (odd years) (3)
- MA331 (3)
- Gen-ed course (3)

**Fall**

- PS291 (2)
- PS303 (1)
- PS330 (even years) (3)
- PS335 (odd years) (3)
- MA301 (3)
- EN300 (3) and a gen-ed (3)

**Spring**

- PS320, PS334 (even years) (6)
- PS350, PS365 (odd years) (6)
- PS340 (even years) (3)
- MA140 (odd years) (3)
- CM307 (3) and a gen-ed (3)

**Fall**

- PS330, PS366 (even years) (6)
- PS335, PS351 (odd years) (6)
- PS368 – research (3)
- CM390 (3)
- Gen-ed course (3)

Plan next steps – job search or apply to grad programs

**Spring**

- MA340 (3) and electives (12)
- Present your work at Apeiron or KAS in April

Anywhere you like!  
Physics can take you there...

- Public service
- Education
- Medicine
- Finance
- Law
- Journalism
- Writing
- Software
- Business
- Data Science
- Environmental services
- Medical tech
- Space tech
- Nonprofits
- Engineering
- Defense industry

Graduate school opens up more options:

- Advanced research in industry and government labs
- Research and teaching in academia

EXPERIENCE AND NETWORKING

Get to know your classmates and professors. Form a study group, introduce yourself to Drs. Camarda, Thomas, and Rossi.

Join a student organization and explore volunteer opportunities in the community.

Meet with professors, consider research projects; take advantage of WTE funding!

Pick gen-ed courses that expand your view of the world!

Get involved in clubs, organizations and community service.

Build a network in your area of interest. Ask about alumni who have followed a path that interests you.

Consider whether an advanced degree will further your career.

Consider pursuing a project in research, leadership, or community service; take advantage of WTE funding!

Take on leadership roles in clubs and organizations.

Reach out to programs and employers and make personal connections. Fortune favors the bold!

POST-GRAD PREPARATION

Start considering life after college – what really excites you about physics? You have many options to explore!

Get concrete about your career goals – research different paths and what you'll need to reach your goal.

Explore internship and study abroad opportunities. You can get \$1,000 toward your travel abroad through the Washburn Transformational Experience.

Narrow down your post-college plans. Start looking for grad programs or employers that interest you.

Apply for a summer research position. (Plan for due dates in January.)

Get your resume in shape and don't be afraid to brag!

Start applying to graduate schools or jobs that fit your interests.

VISIT  
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