

CMU Computational Biology

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Program director(s)

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MSTP student representative (point of contact for more information)

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Application requirement?

No

Graduate stipend (as of academic year 2022-2023)

At CMU, it is the School of Computer Science (SCS) stipend (\$36,060)

At Pitt, it is the SOM stipend (\$33,360)

Enrichment funds

Yes - varies

Health insurance coverage?

Covered by graduate program with option to enroll in vision/dental for extra \$

Health insurance enrollment deadline

August 16

Does health insurance change if student is on a training grant or fellowship?

No

If awarded an F30/1, does the grad program decide how the institutional allowance is spent

Yes

Internal funding sources

Yes

Incoming graduate student orientation?

Yes

Coursework registration dates

Summer prior to matriculation (early August)

Course requirements for MSTP

4 core courses:

- 1) Machine Learning
- 2) Computational Structural Biology
- 3) Computational Genomics
- 4) Cell and Systems Modeling

Plus 1 specialization elective

Milestones for MSTP students

Core course completion (first year)

Elective completion (second year)

Proposal (typically by 5th semester)

Defense (usually 4th year)

Required semesterly courses

Yes - both journal club (2 years) and seminar every Friday (all years)

Teaching requirement

Yes; one TA assignment in a Computational Biology course

How does the graduate program assess whether MSTP students are on track

Graduate student reviews 2x per year by all advisors and directors in the program in December and May

Required meetings outside of thesis mentor

Thesis committee members