

# Theory Track Proposal

---

## Notes:

- Combination of track requirements and electives should total 25 units
- Aim for track that is 13-14 units (roughly 4 courses)
- This leaves 11-12 units (3 to 4 courses) for electives
- Senior project requirement is not considered part of the track

## Proposed Theory Track Requirements:

All required track classes must be taken for at least 3 units each (if the class provides the option to take it for variable units).

- a) CS154
- b) Any one of: CS164, CS255, CS258, CS261, CS268, CS361A, CS361B, CS365
- c) Two additional classes from category (b) or from the following:  
CS143, CS155, CS156, CS157, CS205A, CS228, CS242, CS256, CS259, CS262, CS354,  
CS355, CS357, CS358, CS359\*, CS364A, CS364B, CS369\*, CS374, MS&E310  
\*requires approval of undergraduate advisor.

## Theory Track Additional Electives:

Students in the Theory track may, in addition to the standard set of approved CS elective courses and categories (b) and (c) above, also count classes from the following set as elective courses:

CME302, CME305, Phil151\*, Phil152

\*students may not count both Phil151 and CS157 toward major requirements.

Note: courses taken as Math electives cannot also count toward satisfying CS electives, and vice versa.