

Transfer to Mathematics

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Introducing people

- Dr. Ali A. Daddel Lecturer/Advisor
- Tina Denena Staff Adviser / Business Officer
- Letia Graening Undergrad Program Coordinator
- MAST Program, Mary-Betty Stevenson, Jacqueline Rodriguez

THE MAJORS

- **Mathematics** Abstract way of thinking that mathematics offers
- **Mathematical and Scientific Computation.** Interaction between mathematics and computers
- **Applied Mathematics.** Applications of mathematics to engineering and other applied sciences

Two Plans

- **a) The General Mathematics** For students who intend to continue to study mathematics in graduate school
- **b) The Secondary Teaching**
- **SINGLE SUBJECT MATH PROGRAM (SSMP)** Applicants for a California Preliminary Single Subject Teaching Credential in Mathematics must verify their "subject matter competence" to teach mathematics in one of two ways:
 - Complete a CA-approved "subject matter program" and obtain verification of completion from the university with the approved program.
 - Achieve a passing score on the three part California Subject Matter Examination for Teachers (CSET).

THE MAJORS

- **Mathematical and Scientific Computation** Interaction between mathematics and computers. Two different emphases in this major.
 - a) The Computational and Mathematical Emphasis is for students who prefer connections to computer science,
 - b) Computational and Mathematical Biology Emphasis is for those with interests in mathematical and computational biology.
- Both emphases require some courses outside the Department of Mathematics.

THE MAJORS

- **Applied Mathematics** Applications of mathematics to engineering and other applied sciences
- It requires one upper division course outside the Department of Mathematics.

University vs Community College

- **Fast moving**
- **Less class time/more personal responsibility**
- **Competition**
- **More resources:** Availability of diverse courses; consider double major, a minor, or auditing courses; build the future professional/personal/social network.

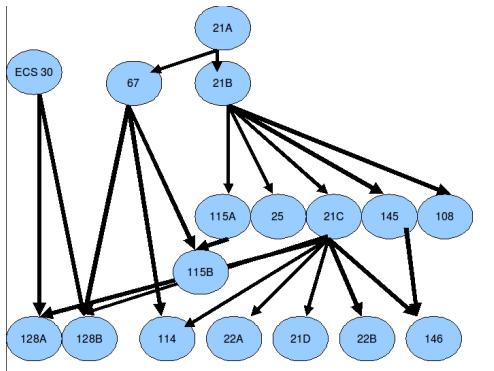
Working successfully in University

- Studying to learn/getting grades
- Forming study groups
- Going to office hours contacting with your professors, TA.
- Attending Seminars
- Seeing your adviser at least once a quarter, have a study plan.
- Planning what would you do after graduation

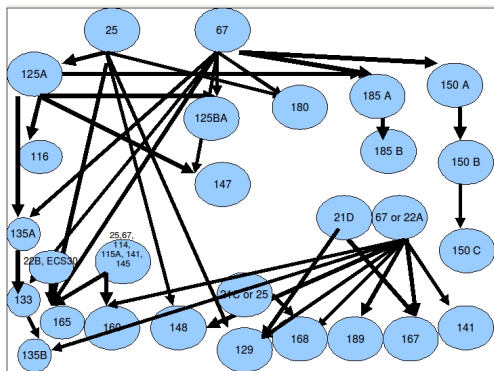
Working successfully in University

- Seeing an adviser in the college/ know the requirements for graduation
- Knowing about other resources on campus: Math Club, other student organizations
- If things do not work as they supposed to work, get help immediately Academic: Talking to your adviser; TA; professor... Personal: Counseling center, CAPS (north Hall), (530) 752-0871
- Enjoy your time your learning, have a hobby, outdoor adventures, experimental college, student organizations...

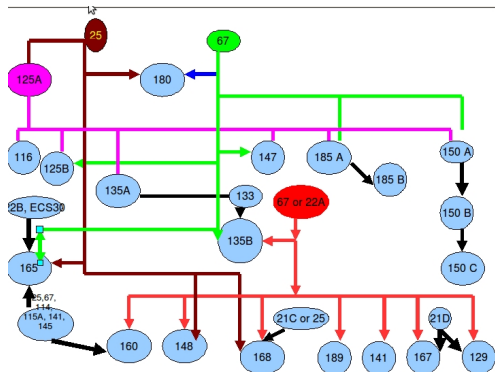
Interdependency of courses



Interdependency of courses



Interdependency of courses



Courses to take Fall Quarter

- Have your college courses with UC equivalent courses on your paper.
- First take the lower division courses if you needed.
- Fill in the form and show it to me.
- Consider the interdependency of the courses