

## Minutes for OCCaM Committee Meeting on 2.02.06

**Present:** Borroni, Bosch, Fernandez, Loose, Salter.

**Summary:** Discussion of timeline, the concentration, and OCCaM's needs.

**Timeline:**

	# modules	core courses	conference
F06	1		
S07	1	Sci Comp	
F07	2	Linear Models	yes
S08	2	Sci Comp	capstone
F08	3	Linear Models	
S09	3	Sci Comp	capstone
F09	3	Linear Models	yes
S10	3	Sci Comp	capstone

- “Sci Comp” is the Scientific Computing class being offered this semester by the Computer Science program.
- “Linear Models” is a course Bosch is thinking of designing. At the moment, Bosch is thinking that it would include: (i) systems of linear equations, (ii) linear optimization (linear and integer programming), (iii) linear regression, (iv) markov chain models, and (v) linear systems of differential equations.
- Other core courses are possible!
- Three modules per semester is probably crazy!!
- Faculty would apply to teach modules. When developing a new module, they'd get some summer support. A new module would count as a course.

**Concentration:**

- Students would have to complete one core course, some number of modules and/or existing modeling courses, and the capstone.
- At least one core course would be offered each semester.
- Flexibility is important.

**Needs:**

- Facility for math/CS/OCCaM. Must have office space, lab space, teaching space, meeting space, lounge space. Must be close to other sciences.
- Staff person?
- Faculty development (more funds for research status?).
- Funds for hosting short- and long-term visitors.