Faculty Sponsor:	Marcus Roper
Research Mentor:	Mike Lindstrom (instructor)
Office:	MS 5622
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Weekly Group Meetings and Lectures: Thurs 4-5:30 pm   Mon 4-5 pm (in reserve)

Course Description: Studying potential causal mechanisms between diet and increased risk of dementia

Expectations:

Researching and analysis/coding:	3-6 h/week (2 credits)	9-12 h/week (4 credits)
Report Writing:	0-2 h/week (2 credits)	0-4 h/week (4 credits)
Weekly Meetings/lectures:	2-3 h/week (2 credits)	2-3 h/week (4 credits)

Grading Scheme:

Attendance and Research:	45% (attending meetings, task work and completion)
Oral Exam:	20% (individual questions about the math and work)
Final Presentation:	10% (presenting the work as a group to public audience)
Midterm Report:	5% (written report of overall findings mid-quarter)
Final Report:	20% (written paper of overall findings of the work)

Week	Research Activity
1	Research meetings and/or lectures
2	Research meetings and/or lectures
3	Research meetings and/or lectures
4	Research meetings and/or lectures
5	Research meetings and/or lectures F: May 3rd – Midterm report due by 5 pm
6	Research meetings and/or lectures
7	Research meetings and/or lectures
8	Research meetings and/or lectures
9	Research meetings and/or lectures
10	Research meetings and/or lectures R or F: Final presentation
Exam Week	M-F: Oral exams F: June 14th – Final report due by 5 pm

* Lecture topics could include: *numerical techniques for differential equations, asymptotic analysis, physical modelling, etc*. Not every week will have a lecture; some of these topics may be covered and others not listed may be relevant.