

PETITION FOR GRADUATE INDIVIDUAL STUDIES

For: Applied Math, Biomolecular Engineering, Computational Media, Computer Science & Engineering,
Electrical & Computer Engineering, Statistical Science

****48 business hour turnaround for independent study forms****

****Please be sure to submit in advance of the deadline in order to receive your enrollment information on time****

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| 297 | Independent Study/Research (5, 10 or 15 units) Coursework still in progress |
| 299 | Thesis Research (5, 10 or 15 units) Coursework completed Continuing research |

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| *CLASS NUMBER | 63053 |
| *COURSE NUMBER | AM 297A |
| *SECTION NUMBER | 3 |
| *COMPLETED BY THE GRADUATE ADVISING OFFICE | |

Name: Dante Buhl Student ID: 1831502 Grad Program: SciCAM M.S. Quarter/Year: Spring / 2024

Important – Please select the **home department of the Faculty Sponsor**

AM 297 ☒ BME 297 ☐ CMPM 297 ☐ CSE 297 ☐ ECE 297 ☐ STAT 297 ☐

AM 299 ☐ BME 299 ☐ CMPM 299 ☐ CSE 299 ☐ ECE 299 ☐ STAT 299 ☐

CSE and CM Only

This individual study is equivalent to **2** ☐ **5** ☒ **10** ☐ **15** ☐ units.

**THIS FORM IS TO BE COMPLETED, APPROVED, AND FILED WITH THE DEPARTMENT GRADUATE OFFICE.
CLASS NUMBERS ARE ISSUED BY VIA E-MAIL FOR ENROLLMENT. YOU MUST ENROLL THROUGH
"MyUCSC" AFTER RECEIVING YOUR CLASS NUMBER.**

1. Title and description of proposed work: The Effect of Rotation on Stratified Turbulence in Astrophysical
Environments (Low Prandtl Number)

2. Evidence of preparation for individual study (list prior course work, readings completed, persons contacted, etc.): Courses: AM 227, AM 217, Independent Study Fall 2023, Prior Reading: Shah et al., Brethouwer et.
al. (2007)

3. Description of work to be submitted: Master's Thesis draft

4. A written report ☐ will ☒ will not be required before credit is given for this individual study.
The last day for receipt of this report is _____ (the first day of exam week, unless a later date is
specified by faculty sponsor).

5. Estimated number of hours per week:

Independently on project: 10 With sponsoring faculty: Pascale Garaud

UCSC Email dbuhl@ucsc.edu
Student signature: Dante Buhl
Date: 4/8/2024

Faculty Name: Pascale Garaud
Faculty Signature: Pascale Garaud
Date: 4/8/2024


Certificate Of Completion

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| | Santa Cruz, CA 95064 |
| | soegrad@ucsc.edu |
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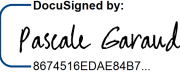
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