

Detailed Schedule & Assignment Summary
SMS324-Introduction to Research Diving
(Fall 2023)

<i>Date</i>	<i>Required</i>	<i>Rec. Certs.</i>	<i>Recommended</i>	<i>Classroom/Field</i>
Week 1 Aug 30	<u>UMaine</u> <input type="checkbox"/> All Pre-Course Materials <input type="checkbox"/> Diver Code of Conduct <input type="checkbox"/> PADI Liability Forms <input type="checkbox"/> Diver in Training Quiz <input type="checkbox"/> DAN Prepared Diver	-None-	-None-	<p style="text-align: center;">Early Start- 0700 <u>AM- Drive to Orono</u></p> <input type="checkbox"/> Swim Tests- Wallace Pool <input type="checkbox"/> Lunch- Introduction to SMS324, Assignment Discussion, etc. <input type="checkbox"/> Equipment Checkout/ Scuba Skills Review <p style="text-align: center;"><u>PM- Dinner Out, Drive to DMC</u> Late Return- 2000</p>
Week 2 Sept 6	<u>UMaine</u> <input type="checkbox"/> Review Class Announcements, Assignments, Schedules, etc. <input type="checkbox"/> Pers. Equip. Adjustments <input type="checkbox"/> UMaine Equip. Rental Form <input type="checkbox"/> Dive Logs <input type="checkbox"/> Safe Diving & the Diver (Handout) <u>AAUS E-learning</u> <input type="checkbox"/> Welcome to the Sci. Diving Community <input type="checkbox"/> Scientific Diving Regs. & History <input type="checkbox"/> Safe Handling/ Filling of Cylinders	<u>PADI</u> <input type="checkbox"/> AoW- Thinking Like a Diver <input type="checkbox"/> AoW- Peak Perf. Buoyancy	<u>UMaine</u> <input type="checkbox"/> Weighting for Scuba..." <input type="checkbox"/> "Rinsing Regulators" <input type="checkbox"/> Halcyon BCD instructions <u>PADI</u> <input type="checkbox"/> ERD- Ch.1 UW Adventure	<p style="text-align: center;"><u>AM Classroom</u></p> <input type="checkbox"/> Intro. To Sci. Diving & AAUS <input type="checkbox"/> UMaine Dive Log/Tables Review <input type="checkbox"/> Pers. Prof. Dive Log Assgmt. discussion <input type="checkbox"/> Regulator presentation prep. <input type="checkbox"/> Dive Locker Orientation/ Trailer Prep <p style="text-align: center;"><u>PM Diving</u> <u>Sand Cove- Hi 1656</u></p> <input type="checkbox"/> Dive 1- Orientation Dive/Skills Review <input type="checkbox"/> Dive 2- Buoyancy, Buddy Skills, Nav. Intro. <input type="checkbox"/> HP Cylinder Fill Training

<p>Week 3 Sept 13</p>	<p><u>UMaine</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Regulator Presentation Assgmt. <input type="checkbox"/> Dive Logs <p><u>AAUS E-learning</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Navigation <input type="checkbox"/> Breath-hold Diving 	<p><u>PADI</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> AoW- UW Navigation 	<p><u>UMaine</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> "How to Breathe Like a Pro" <input type="checkbox"/> "Getting There- Diver Propulsion" <input type="checkbox"/> "Getting There and Back, Navigation Basics" <input type="checkbox"/> "Piston vs. Diaphragm Regulators" <p><u>PADI</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> ERD- Ch.3 Equipment 	<p><u>AM Classroom</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Fitness to Dive <input type="checkbox"/> Regulator Presentations <input type="checkbox"/> In-Control <input type="checkbox"/> Navigation Basics/Review <p style="text-align: center;"><u>Mid-Day Diving</u> <i>Sand Cove- Hi 1104</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> Dive 3- UW Navigation <input type="checkbox"/> Dive 4- UW Navigation/Site Marking <input type="checkbox"/> Eelgrass Assignment intro/review (PB&J?) <input type="checkbox"/> HP Cylinder Fill Training
<p>Week 4 Sept 20</p>	<p><u>UMaine</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Eelgrass Protocol/Datasheet ** (due Mon. Sept 18, 12pm) <input type="checkbox"/> Dive Physics Exercise <input type="checkbox"/> Dive Logs <p><u>AAUS E-learning</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Scientific Method <input type="checkbox"/> Data Gathering 	<p><u>PADI</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> AoW- UW Naturalist 	<p><u>PADI</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> ERD- Ch. 2 Ocean Planet <p><u>UMaine</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Dearborn Scholarship <input type="checkbox"/> Eelgrass Articles <input type="checkbox"/> "Science-Scuba Revolution" 	<p><u>AM Classroom</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Dive Physics.ppt & Exercise review <input type="checkbox"/> Dive Planning & Team Mgmt. <input type="checkbox"/> Eelgrass Protocol Practice <p style="text-align: center;"><u>PM Diving</u> <i>Sand Cove- Hi- 1511</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> Dive 5- Eelgrass Surveys <input type="checkbox"/> Dive 6- Eelgrass Surveys

Week 5 Sept 27	<u>UMaine</u> <input type="checkbox"/> Multilevel & Computer Diving (handout) <input type="checkbox"/> Personal Dive Computer Manual <input type="checkbox"/> Dive Computer Exercise <input type="checkbox"/> Dive Logs <u>AAUS E-learning</u> <input type="checkbox"/> Dive Env. & Planning <input type="checkbox"/> Dive Physics	-None-	<u>PADI</u> <input type="checkbox"/> ERD- Ch. 4 Dive Physics <u>UMaine</u> <input type="checkbox"/> "Dive Computer Considerations" <input type="checkbox"/> "A Safe Habit" <input type="checkbox"/> Buddy Checks	<u>AM Classroom</u> <input type="checkbox"/> Dive Computer.ppt & Exercise review <u>PM Diving</u> <i>Bigelow – Hi 0950</i> <input type="checkbox"/> Dive 7- Multilevel & Computer <input type="checkbox"/> Dive 8- Multilevel & Computer (Mid-Water Nav/Species ID & Collection) <u>PM Classroom</u> <input type="checkbox"/> What is Deep?.ppt
Week 6 Oct 4	<u>UMaine</u> <input type="checkbox"/> Dive Logs <input type="checkbox"/> Dive Tables Assignment <u>AAUS E-learning</u> <input type="checkbox"/> Diving Physiology	<u>PADI</u> <input type="checkbox"/> AoW- Deep <input type="checkbox"/> AoW- Boat <u>PADI</u> Rescue- Ch.1-2	<u>UMaine</u> <input type="checkbox"/> "Deep Diving Reexamined" <input type="checkbox"/> "High on Depth" <input type="checkbox"/> Estimating Air Consumption" <u>PADI</u> ERD- Ch. 5 Physiology	<u>AM Classroom</u> <input type="checkbox"/> Gas Consumption/SAC.ppt <input type="checkbox"/> Dive Tables Assignment Review <input type="checkbox"/> Personal Dive Log Mid-Semester Review <u>PM Diving</u> <i>Rachel Carson- Hi-1527</i> <input type="checkbox"/> Dive 9- Deep Dive <input type="checkbox"/> Dive 10- Mid-water buoyancy dive

Week 7 Oct 11	<u>UMaine</u> <input type="checkbox"/> Eelgrass Data Report Due <input type="checkbox"/> Dive Logs <u>AAUS E-learning</u> <input type="checkbox"/> Deco Mgmt Tools <input type="checkbox"/> Deco Theory	<u>PADI</u> <input type="checkbox"/> AoW- S&R <input type="checkbox"/> Rescue- Ch.1-2	<u>UMaine</u> <input type="checkbox"/> "BCD Problems" <input type="checkbox"/> "Diving Fizzyology" <u>PADI</u> <input type="checkbox"/> ERD- Ch.5 Physiology	<u>AM Classroom</u> <input type="checkbox"/> Dive Rescue Intro/Overview <input type="checkbox"/> Sean O'Neil/Sam Tan- Guest Lecture <u>PM Diving</u> <i>DMC Pier- Hi-0950</i> <input type="checkbox"/> Dive 11- River Swim/ Rescue Surf. Skills. <input type="checkbox"/> Dive 12- Diatom Mud Coring
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Week 8 Oct 18	<u>UMaine</u> <input type="checkbox"/> NBDHMT- Unresp. Diver Rescue <input type="checkbox"/> Dive Logs <u>AAUS E-learning</u> <input type="checkbox"/> Dive Rescue	<u>PADI</u> <input type="checkbox"/> AoW- Night <input type="checkbox"/> Rescue-Ch. 3-4	<u>UMaine</u> <input type="checkbox"/> "Where's Dave?" <input type="checkbox"/> "GFM Model" <input type="checkbox"/> "Gradient Factors"	<u>AM Classroom</u> <input type="checkbox"/> Dive Physiology-DecoTheory <input type="checkbox"/> Rescue Review/ Search & Recovery.ppt <u>Mid-Day Diving</u> DMC Pier Hi-1400 <input type="checkbox"/> Dive 13- UW Rescue Skills <input type="checkbox"/> Dive 14- Search & Recovery
Week 9 Oct 25	<u>UMaine</u> <input type="checkbox"/> Dive Logs <u>AAUS</u> <input type="checkbox"/> Diving Injuries and FA	<u>PADI</u> <input type="checkbox"/> Rescue- Ch. 5	-None-	 <u>AM Diving</u> DMC Pier Hi-0835/2056 <input type="checkbox"/> Dive 15- Rescue Skills, Unc. Diver on Surf. <input type="checkbox"/> Dive 16- Make-up Dive/TBA (Makeup River swim?) <u>PM Classroom</u> Makeup/TBA (Guest Lecture, A. Ouimet?)
Week 10 Nov 1	<u>UMaine</u> <input type="checkbox"/> Begin reading UMaine Sci. Diving stds. <u>AAUS E-learning</u> <input type="checkbox"/> Diving Injuries and FA <input type="checkbox"/> Begin AAUS Final Exam	-None-	-None-	 <u>AM Classroom/Diving</u> DMC Pier Hi-1408 <input type="checkbox"/> Dive 17- Rescue Scenario <input type="checkbox"/> Dive 18- TBA/Makeup Dive Rescue (Makeup river swim?) <u>PM Classroom</u> <input type="checkbox"/> Guest Lecture? (S. Farrell, D. Yiu, E. Maxwell, A. Ouimet?) <input type="checkbox"/> Rescue Exam
Week 11 Nov 8	<u>DAN E-learning</u> <input type="checkbox"/> FA Pro E-learning	-None-	-None-	-All Day Classroom- DAN FA Pro

Week 12 Nov 15	<u>DAN E-learning</u> <input type="checkbox"/> FA Pro E-learning	-None-	-None-	-All Day Classroom- DAN FA Pro DAN FA Pro Exam
Nov 23	NO CLASS —THANKSGIVING BREAK			
Week 13 Nov 29	<u>UMaine</u> <input type="checkbox"/> Finish reading UMaine Sci. Diving Stds.	-None-	-None-	Early Start- 0700 <input type="checkbox"/> Pers. Prof. Dive Logs DUE <u>Wallace Pool</u> <input type="checkbox"/> Swim Test Make-up <input type="checkbox"/> In-Water/Poolside Practical Exam Late Return- 2000
Week 14 Dec 6	<u>AAUS E-learning</u> <input type="checkbox"/> Complete AAUS Final Exam	-None-	-None-	UMaine Sci. Diving Exam Sci Dive Staff Day
Week 15 Dec 13	-None	-None-	-None-	Class Wrap-Up