

Marine Biology Pathway

Four-year student course outline for starting at Southwestern Oregon Community College and transferring to University of Oregon's Oregon Institute of Marine Biology (OIMB)

YEARS 1-2: Southwestern Oregon Community College

Full-time, degree-seeking students will spend the first two years at Southwestern. Upon successful completion, they will receive their *Associate of Science in Marine Biology* degree.

YEARS 3-4: University of Oregon's Oregon Institute of Marine Biology (OIMB)

The final two years, students will study at OIMB in Charleston, Oregon, located right on the ocean just 7 miles from Southwestern's Coos Campus. Upon successful completion, they will receive their *Bachelor of Science in Marine Biology* degree.

YEAR 1 Southwestern Oregon Community College			
TERM	COURSE	TOTALS	CREDITS
FALL	Chemistry: CHEM 221Z		4
	Chemistry: CHEM 227Z		1
	Biology: BI 221Z		5
	Math: MTH 111Z		4
	Writing: WR 121Z		4
		Fall Total	18
WINTER	Chemistry: CHEM 222Z		4
	Chemistry: CHEM 228Z		1
	Biology: BI 222Z		5
	Math: MTH 112Z		4
	Writing: WR 122Z or WR 227Z		4
		Winter Total	18
SPRING	Chemistry: CHEM 223Z		4
	Chemistry: CHEM 229Z		1
	Biology: BI 223Z		5
	General Science: GS 108		4
	Biology: BI 142		4
		Spring Total	18
		YEAR 1 TOTAL	54

YEAR 2 Southwestern Oregon Community College			
TERM	COURSE	TOTALS	CREDITS
FALL	Math: MTH 251Z		4
	Physics: PH 201 or PH 211		5
	<i>Cultural Literacy course – select from the following Social Sciences (SS) courses:</i> Anthropology: ANTH224; or Geology: GEOG105		3
	Communications: COMM 111Z		4
		Fall Total	16
WINTER	<i>Cultural Literacy course – select from the following Arts & Letters (A&L) courses:</i> Humanities: HUM204, 205, 206; or English: ENG107, 108		3-4
	Math: MTH 252Z		4
	Physics: PH 202 or PH 212		5
	<i>Social Science (SS) course – select from the following:</i> History: HST101, 102, 103, 201, 202, 203; or Sociology: SOC204Z; or Anthropology: ANTH221		3-4
		Winter Total	15-17
SPRING	<i>Arts & Letters course (A&L) – select from the following:</i> Music: MUS205, 206; or Philosophy: PHL 102, 103; or Art: ART204, 205, 206, 253, 256; or Communications: COMM100Z, 111Z, 218Z; or English: ENG106Z, 109, 104Z, 105Z, 253, 254, 255		3-4
	Physical Education: PE (PE 231, PE 185)		3
	<i>Social Science (SS) course – select from the following:</i> Political Science: PS201, 202, 203; or Psychology: PSY 201Z, 202Z, 237, 239, 243; or Sociology: SOC 205Z, 206Z, 208, 213; or Anthropology: ANTH 222, 223		3-4
	<i>Arts and Letters Course (A&L) - select from the following:</i> Music: MUS205, 206; or Philosophy: PHL 102, 103; or Art: ART204, 205, 206, 253, 256; or Communications: COMM100Z, 111Z, 218Z; or English: ENG106Z, 109, 104Z, 105Z, 253, 254, 255		3
		Spring Total	12-14
		YEAR 2 TOTAL	43-47
COMPREHENSIVE SWOCC CREDITS EARNED		SWOCC TOTAL	97-101

YEAR 3: University of Oregon's OIMB			
TERM	COURSE	TOTALS	CREDITS
Summer	Invertebrate Zoology (Area II)		8
	Biology: BI 455 Marine Birds and Mammals (or BI 457 Biology of Fishes)		6
	Biology: BI 408 Short Course		2
	Biology: BI 407 Marine Biology Seminar (Optional 1 cr)		1
		Summer Total	17
Fall	Biology: BI 214 Mechanisms at SWOCC		4
	Biology: BI 458 Biological Oceanography		5
	Biology: BI 457 Marine Environmental Issues		5
	Biology: BI 407 Marine Biology Seminar		2
		Fall Total	16
Winter	CHEM 331 (OChem at SWOCC)		4
	SWOCC SS - select from HST101, 102, 103, 201, 202, 203 or GEOG105 or SOC204 OR ANTH221, 224		4
	Arts and Letters Course (A&L) - select from the following: Music: MUS205, 206; or Philosophy: PHL 102, 103; or Art: ART204, 205, 206, 253, 256; or Communications: COMM100Z, 111Z, 218Z; or English: ENG106Z, 109, 104Z, 105Z, 253, 254, 255		4
		Winter Total	12
Spring	OIMB Upper Division Course		5
	OIMB Upper Division Course		5
	BI 474 Marine Ecology (Area III)		5
		Spring Total	15
		YEAR 3 TOTAL	60

YEAR 4: University of Oregon's OIMB			
TERM	COURSE	TOTALS	CREDITS
Summer	Biology: BI 457 Deep Sea Biology		5
	Biology: BI 457 Biology of Fishes		6
	Biology: BI 408 Weekend workshop		2
	Biology: BI 399 Intro. To Expt. Design and Statistic (MAPS requirement)		4
		Summer Total	17
Fall	Biology: BI 320 Cell Biology (Area I)		4
	Biology: BI 457 Molecular Marine Biology (Area I)		5
	Biology: BI 454 Estuarine Biology		5
	Biology: BI 407 Mar. Biol. Seminar (Optional 2 cr)		2
		Fall Total	16
		YEAR 3 TOTAL	33
COMPREHENSIVE UO/OIMB CREDITS EARNED		OIMB TOTAL	93

SUMMARY OF TOTAL CREDITS EARNED			
Southwestern Oregon Community College (SWOCC)		Total	97-101
University of Oregon/OIMB		Total	93
SWOCC + University of Oregon/OIMB		GRAND TOTAL	190 min.

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