

# IMPACT & OUTLOOK 2018-2019

## NAVAL SCIENCE (NROTC)

DIVISION OF STUDENT AFFAIRS

### Who We Are

Naval Science is an academic department whose primary mission is to commission officers into the United States Navy and United States Marine Corps, while providing its students with an undergraduate education in Naval Science, Leadership, Management, and Ethics. As a Unit of the Naval Reserve Officer Training Corps (NROTC), the Naval Science Department is staffed by active duty Navy and Marine Corps personnel who serve simultaneously as academic faculty and military trainers.

### Mission

To provide the Department of the Navy with highly educated, mentally tough, physically prepared, basically-trained Officers, who are ready for service at-sea, and around the world, with the Navy and Marine Corps.

### Vision

To ensure that all Midshipmen who earn commissions through NROTCU UNM are imbued with the highest ideals of duty, honor and loyalty, dedicated to a career of naval service, with the potential to assume the highest responsibilities of command, citizenship and government.



## Impact on Students

The NROTC program provides a pathway for students to receive up to 60-months of full tuition leading to a Bachelor's degree, in addition to a commission as an Officer in the Naval Service. Through the Naval Service Training Command's Minority Serving Institution Scholarship Reservation (MSISR) program, the University of New Mexico is guaranteed at least 11 MSISR scholarships each year. Often, that number is increased to over 15. During FY 2019-2020, NROTC UNM students were awarded 10 MSISR, four national, one NSTC, and one Pedro Del Valle scholarship by the Department of the Navy, potentially worth over \$1.5 Million, by 2023. Of the 16 new Midshipmen who were sworn in for the 2019-2020 academic year, seven contracted with the Navy to earn STEM degrees. Ten of these Midshipmen reside outside of New Mexico. The NROTC program also provides one MSISR scholarship annually to Central New Mexico College (CNM). That awardee takes Naval Science courses at UNM, then transfers to the University to complete a four-year degree and earn a commission.

The NROTC Unit has some of the most rigorous academic requirements on campus. Midshipmen must maintain a minimum GPA of 2.75 to remain in the program, regardless of major. All freshman Midshipmen are required to participate in 10 hours of mandatory, supervised study hours each week. Additionally, Department of the Navy hires a dedicated tutor to assist Midshipmen in their Calculus and Physics courses.

The NROTC Unit also supports the Navy's Seaman-to-Admiral 21 (STA-21) and Marine Corps Enlisted Commissioning (MECEP). Active Duty Navy Petty Officers and Marine Corps Sergeants come to UNM to earn bachelor's degrees and commissions. On average, the students complete their degrees in three years, with GPAs above 3.5. There are currently a total of 13 STA-21 and MECEP students assigned to the Unit. All seven of the Navy's STA-21 students are nuclear trained, will major in technical degrees, and return to the Naval Nuclear Propulsion Program as officers.

UNM has traditionally been closely associated with the Navy's Nuclear Power Program. Officer's commissioned into the NNPP are some of the highest paid and most technically proficient in the service. This highly competitive program selects less than 10% of the NROTC graduates nationwide each year.

The Navy ROTC unit is unique in that it only offers active-duty commissions to its graduates. Because of this, 100% of the Juniors and Seniors at NROTC UNM have their educations fully or partially funded by the Department of Navy. Today, each midshipman, including freshmen and sophomores at NROTC UNM, has all of his/her academic expenses paid for by the Department of the Navy.

The Department of Naval Science teaches six, three-credit hour courses per academic semester, generating over 1,080 student credit hours per year. In addition to the Naval Science curriculum, all students participate in tactical and field exercises at Naval Science Laboratory each week and on periodic weekends. Students receive summer training to include underway periods aboard Navy surface ships and submarines, Marine field exercises, and flights on Naval aircraft. This training offers students the opportunity to develop hands-on experience in their prospective Navy or Marine Corps community of interest prior to commissioning. As a result of this work, all graduates earn a Minor in Military Studies from the University of New Mexico.

## Programs

Program	Academic Affairs Engagement	"UNM5 SKILLS " COMPETENCY
Navy Scholarship Midshipmen serve up to 45 days per year on active duty with the Fleet. They serve on ships, submarines, in aviation squadrons, and with Naval Special Forces.	Minimal	Critical Thinking, Professionalism, Communication, & Collaboration
Marine-Option Scholarship Midshipmen serve up 45 days per year on active duty with the Fleet Marine Forces, at the Marine Corps Mountain Warfare School, and at the Marine Corps Officer's Candidate School	Minimal	Critical Thinking, Professionalism, Communication, & Collaboration
All Midshipmen participate in Leadership Lab (2.5 hours) and Physical Training (5 hours) on a weekly basis	Minimal	Critical Thinking, Professionalism, Communication, & Collaboration
All Midshipmen are required to earn a Minor in Military Science (Navy)	Moderate	Research, Critical Thinking, Professionalism

## Fiscal Update, Revenues

Source	Amount
Department of the Navy – Tuition and Fees Budget (Annual)	\$610,769
Department of the Navy – Federal Employee Salaries (Annual)	\$90,000
Department of the Navy – Active Duty Pay to Military Staff (Annual)	\$483,360
Department of the Navy – Unit Operating Funds (Annual)	\$83,000
UNM NROTC Budget (Annual)	\$43,808
<b>Total Expenditures</b>	<b>\$1,310,937</b>

The Department of the Navy spends over \$1.3 Million to operate the NROTC Unit at the University of New Mexico. UNM's direct contribution to host the NROTC Unit is just under \$44K. Of the \$1.27 Million the Navy spends at UNM, over \$600,000 is paid directly to the Bursar, in the form of tuition and fees.

The Department of Naval Science is an academic department, headed by the Professor of Naval Science, and staffed with an Associate Professor and four lecturers. As these positions are staffed by the Active Duty Navy and Marines Corps, there is no faculty cost to the University. This saves the University of New Mexico at least \$483,360 in faculty salaries and benefits per year.

## Goals for 2019-2020

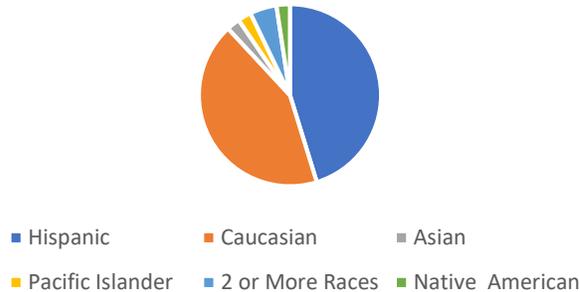
1. Maintain the battalion's average GPA greater than 3.25. Current average GPA 3.35.
2. Increase number of technical degrees from 57% to 70% for Navy-option Midshipmen.
3. Increase the first-pass yield rate for Midshipmen taking math and physics courses to 95%.
4. Commission over 20 Navy and Marine Corps officers per year by FY-24.
5. Achieve a 100% pass rate on Navy and Marine Corps physical fitness examinations.

## Selected Impacts and Outcomes

The NROTC Unit at UNM is the oldest ROTC Unit on campus and has been in continuous operation since 1941 (78 years). Since that time, it has commissioned over 2,000 Officers into the United States Navy and United States Marine Corps. Of these, seven rose to rank of Navy Admiral, and two became Marine Corps Generals.

The NROTC Unit at UNM is one of only three NROTC Units located at a High Hispanic Enrollment (HHE) university, and throughout its existence, has been one of the largest sources of Hispanic officers entering the Naval Service.

UNM NROTC Diversity



### Quick Facts

- Nearly half of the Midshipmen, STA-21, and MECEP students at the UNM NROTC Unit are STEM majors.
- All Midshipmen are required to complete their degrees in four years. Select technical majors are authorized five years to complete degrees. 100% of UNM NROTC members achieve full-time employment after graduation.
- The UNM NROTC unit is home to original helm of the USS NEW MEXICO (BB-40), a battleship that served from 1918-1946.
- Approximately 75% of the Midshipmen, STA-21, and MECEP students at NROTCU UNM are from out of state.
- All Navy-option Midshipmen on scholarship at UNM NROTC are required to take and pass Calculus I, Calculus II, and one year of Calculus-based Physics, regardless of their majors.
- UNM NROTC is the largest Naval command in the state of NM.