

Non Traditional Baccalaureate Degree Pathways for Community College Graduates

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Session Objectives

- Determine what high demand and high wage employment (in the college's service area) require bachelor's degrees.
- Define the parameters by which a bachelor's degree opportunity will meet the needs of your students.
- Customize the pathways for transfer between your community college and the four-year institution.
- Utilize associate degrees for transfer to create pathways unique to your community college and the four-year institution (true 2+2 program).
- Develop the memorandum of understanding that defines all aspects of the agreement and the responsibilities of each institution.

The Partnership...

Four PLNU Baccalaureate Degrees offered at MiraCosta College

Business Administration

Computer Information Technology

Registered Nursing

Child Development



Why PLNU Approached MiraCosta College to Develop the Programs

- Opportunity to expand existing programs to new locations and markets.
- Provide a private school education at a more affordable cost.
- Meet the needs of working students who have a desire to complete a bachelor degree.

Key Features of Programs

- Convenient
 - Location
 - Days and times
- Quality
 - Curriculum
 - Delivery
- Supportive
 - Cohort model
 - Faculty and staff

Labor Market Demands for Jobs Requiring Bachelor's Degrees: Center of Excellence for Labor Market Research

<http://coeccc.net/>

Business Administration

Exhibit 4: Hourly Earnings for Managers, All Other in San Diego County⁸

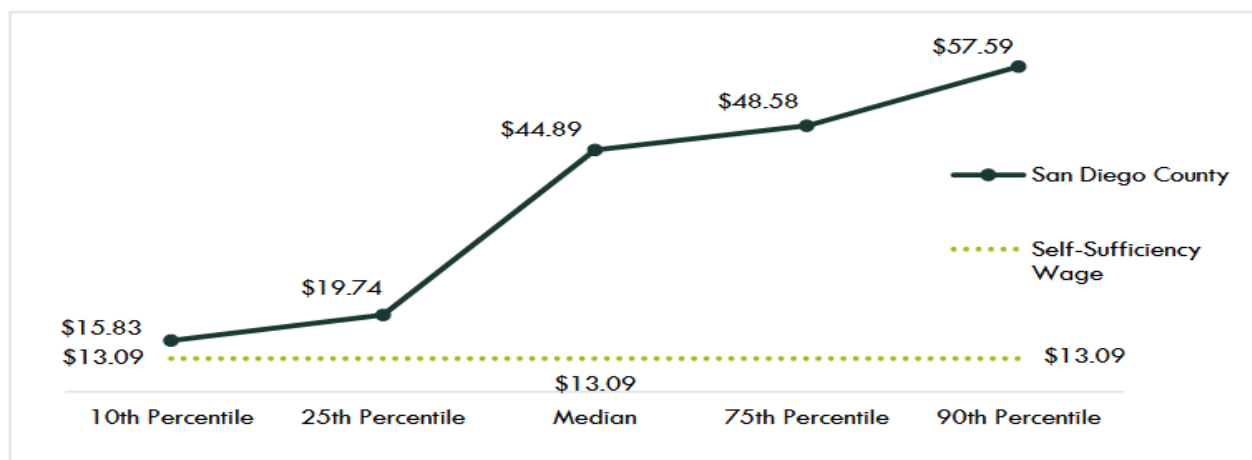


Exhibit 7: Labor Demand (Annual Openings) Compared to Labor Supply (Average Annual Awards)

Community Colleges and Other Postsecondary Educational Institutions	Demand (Annual Openings)	Supply (Total Annual Average Supply)	Supply Gap or Oversupply
San Diego County	880	433	447
California	9,423	63,578	54,155

Parameters for meeting needs of transferring community college students

- Must be a true 2+2 program.
 - Sixty units of a 120 unit bachelor's degree must transfer course for course (including general education areas).
 - The AD-T in business administration
 - Community college support services continue to be available to the student transferring to PLNU.
 - Cohort model.
 - Tuition and fees must be comparable to CSU tuition and fees.
 - Result is another transfer option for graduates.
 - Students may consider as part of their chosen academic and career pathway.

Customized Pathway for Transfer: Start with the AD-T!

PLNU							
Bachelor of Business Administration (BBA) with a Concentration in Management and Marketing							
Curriculum Requirements							
MiraCosta Courses (AS Business Administration)				PLNU Courses			
		BUS Core	GE			BUS Core	Other
<u>Business and Related</u>				<u>Business Core</u>			
BUS 120	Intro To Business OR	3		BBU 313	Administrative Communication	3	
CSIT 120	Fundamentals of Computer Info Systems OR			BBU 480	International Business	3	
BUS 290	Business Communication			BBU 489	Internship in Business	3	
ECON 101	Macroeconomics	3		BFN 335	Business Finance	3	
ECON 102	Microeconomics	3		BMG 212	Principles of Management	3	
ACCT 201	Financial Accounting	4		BMG 488/488L	Strategic Management	3	
ACCT 202	Managerial Accounting	4		BMK 332	Principles of Marketing	3	
BUS 140	Legal Environment of Business	3		Total Units		21	0
MATH 115	Calculus with Applications	4		<u>Concentration in Management</u>			
BUS 204	Business Statistics OR	3 - 4		BMG 320	Organizational Behavior		3
MATH 103	Statistics			BMG 374	Human Resources		3
Total Business and Related		27 - 28	0	BMG 382	Entrepreneurship		3
<u>General Education (PLNU Requirements)</u>				BMG 412	Leadership Theory and Practice		3
Communication (at least one course in English Composition)			6	Total Units		0	12
Humanities/Fine Arts (at least one course from: literature, philosophy, art or music appreciation, art or music history, fine arts, or history)			6	<u>Concentration in Marketing</u>			
Natural Science and Math (at least one course in Math)			0 (1)	BMK 333	Consumer and Organizational Buying Behavior		3
Social and Behavioral Sciences			0 (2)	BMK 334	Professional Selling and Sales Management		3
Bible and Theology (at least one course taken from PLNU)			0 (3)	BMK 336	Integrated Marketing Communications		3
Additional earned in any of the above areas			6	BMK 350	Social Media and Digital Marketing		3
Total GE (PLNU Requirements)		0	18	Total Units		0	12
<u>General Education (Mira Costa Requirements)</u>				<u>Economics/Finance</u>			
Remaining Courses required to satisfy Mira Costa AS in Business, including all remaining Mira Costa GE requirements			14 - 15	BEC 380	Money and Banking		3
Total GE (Mira Costa Requirements not included above)		0	14 - 15	BFN 415	Investments		3
Total Mira Costa Business Core and GE		27 - 28	32 - 33	Total Units		0	6
Total Mira Costa			60	<u>General Education</u>			
Notes:				BST 304	Biblical Perspectives		4
(1) 6 units required; satisfied as 6 or 7 units of units Math/Stats units to be completed at Mira Costa as part of the Business and Related courses				ETH 301	Foundations of Ethics		1
(2) 6 units required; satisfied as 6 units of economics units to be completed at Mira Costa as part of the Business and Related courses				ETH 401	Applications of Ethics		1
(3) 6 units required; satisfied as 6 units of Religious Studies/Ethics units to be completed as part of the PLNU General Education courses				SUS 475	Sustainability in Action		3
				Total Units		0	9
				Total PLNU Business Core and Other			
						21	39
				Total PLNU			
							60

Memorandum of Understanding:

- Board Approved
- Faculty assignments
- Curriculum (responsibilities for delivering the curriculum for each college)
- Entrance requirements (part of the articulation agreement)
- Registration (admissions and records)
- Academic support responsibilities
- Clerical support
- Academic advising and/or counseling
- Tuition and costs
- Room assignments



Faculty Perspective: Developing a New Computer Information Technology 2+2 Program

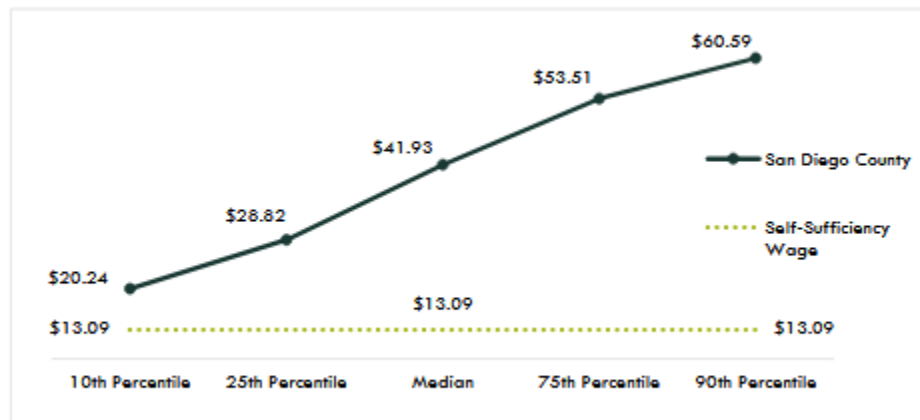
- Need for affordable IT bachelors degrees in North San Diego County
- Many positions require 4-year technical (IT) degree
- Few local and public schools offer 4-year IT degree

Labor Market Demands for Jobs Requiring Bachelor's Degrees: Center of Excellence for Labor Market Research

<http://coeccc.net/>

Computer Occupations

Exhibit 4: Hourly Earnings for Computer Occupations, All Other in San Diego County³



Labor Market Information (LMI):

Select appropriate **Occupations (SOC codes)**:

Occupations (SOC Codes)

(Multiple values)

LMI: Demand

Occupation (SOC Code)	
Computer Network Support Specialists (15-1152.00)	145
Information Security Analysts (15-1122.00)	57
Network and Computer Systems Administrators (15-1142.00)	251
Grand Total	453

LMI: Supply

Program (TOP 6)	MiraCosta Supply	"Other" College Supply
Computer Infrastructure and Support (070800)	0	24
Computer Networking (070810)	14	74
Information Technology, General (070100)	0	7
Grand Total	14	105

Parameters for a 2+2 IT Program

- All CSIT programs to be transferable
- Several meetings between PLNU and MCC Faculty
 - Decide on a start date for first cohort.
 - New MCC curriculum articulated with PLNU upper and lower division curriculum.
 - Foundational goal of MCC and PLNU curriculum is preparing students to prepare for industry certifications
 - PLNU created new courses to enhance their existing program articulating with MCC courses (Cloud Course and Cyber Topics courses)

How we put it together

- Relationships are key
 - Long term relationship with PLNU Department Chair
 - Mentored PLNU interns at SAIC
- Existing MOU and other programs in place
 - Business Administration
 - Nursing
 - Child Development
- MCC CSIT Department updated all programs and applicable courses
 - Advisory Board, LMI Data, High Wage positions
 - 9 new A.S. degree and 14 new certificates created

MCC and PLNU 2+2 Agreement

Bachelors in Computer Information Technology

MiraCosta Courses (AS Degree and Certificate of Achievement: Cyber Security) ⁽⁷⁾		CIT Core	GE
CSIT Related			
ADM 100	Introduction to the Administration of Justice	3	
or ADM 100H	Introduction to the Administration of Justice (Honors)		
or CSIT 120	Fundamentals of Computer Information Systems		
CSIT 180	Fundamentals of Computer Hardware and Software	4	
CSIT 181	Fundamentals of Computer Networking	3	
CSIT 182	Fundamentals of Computer Security	3	
CSIT 183	Windows Server	3	
CSIT 184	Linux Server	3	
CSIT 186	Cyber Security: Analyst	3	
CSIT 188	Cyber Security: Ethical Hacker	3	
CSIT 195	IT Career Exploration and Portfolio Development	1	
or CSIT 286	Professional Certification Preparation		
or CSIT 292	Internship Studies		
or CSIT 299	Occupational Cooperative Work Experience		
Total CSIT and Related		26	0
General Education (PLNU Requirements)			
Communication (at least one course in English Composition)		6	⁽¹⁾
Humanities/Fine Arts (at least one course from: literature, philosophy, art or music appreciation, art or music history, fine arts, or history)		6	⁽²⁾
Natural Science and Math (at least one course in Math)		6	⁽⁴⁾
Social and Behavioral Sciences		6	⁽⁵⁾
Bible and Theology (at least one course taken from PLNU)		0-2	⁽⁶⁾
Additional earned in any of the above areas		6	⁽³⁾
Total GE (PLNU Requirements)		0	30-32
General Education (Mira Costa Requirements)			
Remaining Courses required to satisfy MiraCosta AS in Cyber Security, including all remaining Mira Costa GE requirements		7-9	
Total GE (Mira Costa Requirements not included above)		0	7-9
Total MiraCosta CSIT and GE		26	39
Total Mira Costa			65

Notes:

⁽¹⁾ 6 units required; satisfied as 6 units from MCC Plan B, Area A (CSU GE) or MCC Plan C, Area 1 (IGETC)

⁽²⁾ 6 units required; satisfied as 6 units from MCC Plan B, Area C (CSU GE) or MCC Plan C, Area 3 (IGETC). However, at least one course must be from: literature, philosophy, art or music appreciation, art or music history, fine arts, or history

⁽³⁾ 6 units required; satisfied as 6 units from MCC Plan B, Areas A, B, C or D (CSU GE) or MCC Plan C, Areas 1, 2A, 3, 4, 5 or 6 (IGETC)

⁽⁴⁾ 6 units required; satisfied as 6 units from MCC Plan B, Area B (CSU GE) or MCC Plan C, Area 2A (3 units of math) and Area 5 (science) (IGETC)

⁽⁵⁾ 6 units required; satisfied as 6 units of coursework that is not history from MCC Plan B, Area D (CSU GE) or MCC Plan C, Area 4 (IGETC)

⁽⁶⁾ 6 units required; satisfied as at least 4 units of Religious Studies/Ethics units to be completed as part of the PLNU General Education courses, 2 units can be completed at MCC by taking one of a select list of philosophy and religion courses.

⁽⁷⁾ No courses will be accepted for transfer to PLNU with a grade lower than a "C"

⁽⁸⁾ These classes are necessary only if none of the approved MCC philosophy or religion courses are taken as part of the MCC GE (see note (6)).

PLNU Courses		CIT Core	GE
CIT Related			
CIT334	Project Management	4	
CIT354	Database Design	4	
CIT364	Web Design and Scripting	4	
CIT414	Web Programming	4	
CIT424	Visual Programming	4	
CIT434	Management of Information Systems	4	
CIT454	Topics in CIT	4	
CIT481	Information Technology Project	1	
Total Units		29	0
CIT Elective Units (must take a total of 5 units from the following)			
CIT311	A+ Exam Prep (can only be taken if student does not have current A+ certification)	1	
CIT321	Network+ Exam Prep (can only be taken if student does not have current Network+ certification)	1	
CIT331	Security+ Exam Prep (can only be taken if student does not have current Security+ certification)	1	
CIT341	Project+ Exam Prep (can only be taken if student does not have current Project+ certification)	1	
CIT471	Information Technology Practicum (can be repeated)	1-4	
Total Units		5	0
General Education			
BST 304	Biblical Perspectives		4
ETH 301	Foundations of Ethics		0-1 ⁽⁸⁾
ETH 401	Applications of Ethics		0-1 ⁽⁸⁾
Total Units		0	4-6
Total PLNU CIT		34	4-6
Additional			
Note that this			15-17
Coursework			
Total Units		0	15-17
Total for the			120

Each student's situation is unique; please talk with a PLNU Enrollment Counselor about the specific courses that you have taken at MCC.

CIT Cybersecurity Emphasis Program Growth

- Students complete MCC's Cybersecurity AS Degree
- Students transfer to PLNU for CIT with Cyber 4 year degree

Leverages and extends MCC Cyber AS Degree

Cybersecurity Promotional Video

<https://www.youtube.com/watch?v=8aa2ObAm-gM&feature=youtu.be>

- One of a series of promotional videos funded by regional and local Strong Workforce Program Funds marketing initiatives (social media focus).
- Market student opportunities for high demand and high wage jobs upon graduation and/or after transfer.

Communications are key

- Plan start date for first cohort carefully
 - Ensure interest and enrollment
 - Inform counselors and CSIT faculty early and often
 - Inform students of the new opportunity early to ensure interest and timing with transfer applications
 - Involve PLNU and MCC faculty and deans
 - Ensure aspects of the MOU are honored
- General Education
 - PLNU accepts the ADT for programs with ADTs
 - PLNU and MCC faculty and counselors meeting in November 2018 to discuss and create acceptable general education for transfer (local GE and/or CSU GE and/or IGETC GE)
- Interaction with PLNU onsite coordinator

Promotional Flyer: Bachelor of Business Administration

POINT LOMA
NAZARENE UNIVERSITY

BACHELOR OF BUSINESS ADMINISTRATION AT MIRACOSTA COLLEGE

you're ready.

**EMBRACE NEW POSSIBILITIES BY TURNING YOUR
HARD-EARNED ASSOCIATE'S DEGREE INTO A BACHELOR
OF BUSINESS ADMINISTRATION IN JUST TWO YEARS.**

You've already taken the first step toward investing in your career, your future, your family. Your associate's degree has given you strong study skills and taught you how to balance life and school. So why stop now? A Bachelor of Business Administration (BBA) is the next step to enhance your knowledge and gain the critical skills necessary to succeed in nearly any professional environment.

PLNU's Fermanian School of Business offers a unique BBA specifically designed for associate of science in business administration students and graduates. Our BBA gives you access to the same professors and core curriculum as our traditional undergraduate students, only you'll be part of a small cohort of PLNU students on the MiraCosta College campus in Oceanside.

VISIT pointloma.edu/BBA
FOR MORE INFORMATION.

"PLNU's BBA is more than the next step after your associate's degree. Our program is specifically designed to capitalize on the skills you already have to prepare you for the next level in your career."

Dan Bothe | Dean, PLNU Fermanian School of Business

Convenient

Our curriculum is designed for busy adults with face-to-face classes only two nights a week, and the rest online. So you won't have to worry about enrolling in new classes or adapting to a new schedule with each new semester.

Balanced

Built into this specially designed curriculum are two essential concentrations: **management and marketing**. You'll learn what it takes to be a decision maker and team leader, while learning to use the latest marketing trends and technology to inform business strategy, development, and much more.

Supportive

By earning a BBA from PLNU, you will learn from faculty dedicated to your success and study alongside classmates driven to take the next step in achieving their professional goals. That means you will be part of a cohort of confident, experienced, and empowered individuals who are ready to take on what it means to pursue your true calling.

Earn 29% more per week WITH A BACHELOR'S DEGREE.

According to the U.S. Department of Labor's Bureau of Labor Statistics, those with a bachelor's degree have the potential to earn 29% more per week than those with an associate's degree.

Program Details

Schedule:
New classes start each fall

Location:
MiraCosta College
(Oceanside Campus)

Cost:
\$530 per unit
Expected completion time:
24 months

HAVE QUESTIONS?

Get in touch with your dedicated North County
PLNU advisor:

(619) 563-2850 | bba@pointloma.edu

The PLNU Difference

Established in 1952, PLNU's main campus is located in beautiful San Diego. Our small class sizes, focused faculty attention, and convenient program formats are just a few of the powerful ways PLNU delivers real value to every student.

POINT LOMA
NAZARENE UNIVERSITY

MIRACOSTA
COLLEGE

Promotional Flyer: B.A. in Computer Information Technology



Build a better future by combining your fascination with technology and your desire to work with others.

> You recognize the need for technologies to work together, and the need for collaboration and understanding among the people operating them. It's your drive to connect others to their work, combined with your desire to make information systems operate effectively, that pushes you toward a greater calling.

With a B.A. in Computer Information Technology from PLNU, you will have the practical skills to provide both businesses and individuals with IT solutions—making a more connected world possible.

Be the Bridge Between Technology and People

Gain hands-on understanding of systems—both technical and personal. Be equipped to use information technology to solve business problems. Enable communication between computer systems and lead collaboration among the people operating them.

Be Prepared for the Future

Through courses on hardware, networking, security, programming, database design, and more, you will be prepared for the professional world. Build your resume by taking at least three IT certification tests before you graduate.

Form Relationships with Expert Faculty

Learn from seasoned professors who want to see you succeed—academically, professionally, and personally. Their knowledge and support will ensure that you make the connections needed to align your work with your calling.

To learn more about the program, visit www.pointloma.edu/CIT.



Start Dates

New classes begin
fall and spring

Cost

\$505 per unit

Location

Grossmont College
MiraCosta College

Expected

Completion Time
2 years

PLNU's CIT degree will prepare you for the following widely recognized IT certifications from CompTIA:

- > IT Fundamentals
- > CompTIA A+
- > CompTIA Project +
- > CompTIA Network +
- > CompTIA Security +

Be prepared for a career as a:

- > Quality assurance analyst
- > Junior business analyst
- > IT support engineer
- > IT solutions specialist
- > Junior technology security specialist
- > Junior software application developer
- > Hardware and system repair engineer

About PLNU

Point Loma Nazarene University is a private, Christian liberal arts institution located in San Diego, California. Founded in 1902, PLNU is known not only for its 90-acre campus overlooking the Pacific Ocean but also for its well-rounded, forward-thinking graduates. In addition to more than 60 undergraduate areas of study, PLNU offers graduate and professional studies programs online and at regional centers throughout Southern California. PLNU serves more than 3,500 students.

The Next Step

To learn more about
the program, contact:

Megan Korner
mkorner@pointloma.edu
(619) 288-7775
pointloma.edu/CIT



POINT LOMA
NAZARENE UNIVERSITY

PLNU Financial Aid Flyer



Graduate & Professional Student Financial Services Information

Main Phone: 619-563-2882
Email: gpssfs@pointloma.edu

Martha De La Cerda
Student Financial Services Advisor
marthadelacerda@pointloma.edu
619-563-2878

Tuition Costs

PLNU students pay per-unit tuition. To calculate your estimated bill for a given semester, please use this chart and multiply the per-unit cost by the number of units for which you plan to enroll.

Program	Cost (per unit)
Organizational Management	\$490
RN-BSN	\$455
Criminal Justice	\$490
Child and Adolescent Development	\$490
Computer Information Technology	\$500
Interpretative Certificate	\$430
GE Courses (Online)	\$380
Interdisciplinary Studies with an Emphasis in Education	\$505

Payment Options:

- Federal and State Financial Aid**
 - You will need to fill out the 16/17 FAFSA online at www.fafsa.ed.gov to receive any of the following aid
 - Pell Grant and Cal Grant (dependent upon income)
 - Subsidized (dependent upon income) and Unsubsidized Federal Direct Loans
 - Parent PLUS loan
 - Only an option for dependent students under age 24
 - Your parents will need to apply online and complete Entrance Counseling and a Master Promissory Note at www.studentloans.gov
 - This loan is credit-based and is not guaranteed
- Private Student Loans**
 - Available to students who are not eligible for or choose not to accept Federal Direct Loans
 - This type of loan is based on your credit and qualification is not guaranteed
 - This type of loan does not qualify for Loan Forgiveness programs
- Payment plan online – Tuition Installment Plan (TIP)**
 - Three equal payments over the course of the semester
 - After enrolling, payments will be automatically deducted from the checking account you designate once a month
 - Fee is \$30 per semester
- Scholarships**
 - Below are a few websites to help in your search for scholarships
 - <https://sites.google.com/site/plnuafs/>
 - www.fastweb.com
 - www.scholarships.com
 - www.scholarshipamerica.org

How is financial aid determined?

The amount of your financial aid is based on a number of variables.

- Enrollment**
 - Students who are full-time (enrolled in at least 12 units, full semester) may receive from \$3,500 - \$12,500 in loans (combined subsidized and unsubsidized) annually depending upon grade level at entrance and dependency status.
 - Students who are less than full-time (12 units) but more than half time (6 units) will receive a reduced amount.
 - Students enrolled in less than 6 units are not eligible for aid.
- Estimated Family Contribution (EFC)** (EFC is determined by filing a FAFSA at www.fafsa.ed.gov)
 - Pell Grants are income-based and vary from \$582-\$5,730 annually
 - Subsidized loans are income-based and are included in the annual student loan limit
 - Cal Grants are income-based and are awarded annually at independent colleges. Amounts vary from year to year.
- Grade Point Average (GPA)**
 - Cal Grant recipients must maintain a 3.0 high school or 2.40 college GPA
 - Some national, state, and local scholarships will consider a student's GPA
- Other Financial Assistance**
 - Total amount of awards each semester cannot exceed the student's Cost of Attendance

Applying for Financial Aid:

All students applying for financial aid will need to complete the following:

- File a FAFSA (Free Application for Federal Student Aid) at www.fafsa.ed.gov. If it is your first time applying for FAFSA you will be prompted to create an FSA ID and password. You will use this ID for all future FAFSA's that you complete and also to complete the other steps below. PLNU's school code is: 001262
- Complete Entrance Counseling and a Master Promissory Note at www.studentloans.gov.
- Students applying for a Cal Grant need to file the FAFSA prior to March 2nd of the current year and submit a GPA Verification Form which can be found here: <http://www.csac.ca.gov/doc.asp?id=1177>
- Once accepted and registered, students will be notified of their financial aid awards via email and can then accept their financial aid awards on their student portal. (my.pointloma.edu)

Repayment:

- Does not begin until 6 months after you stop attending school at least half-time
- Many repayment plans to choose from
- Payment can vary depending upon income and repayment plan chosen
- Flexibility to change payment plans
- Public Service Loan Forgiveness program
- Deferments while in school
- Forbearance options if needed

Tax benefits for education

There are a variety of tax credits, deductions and savings plans available to taxpayers to assist with the expense of higher education.

- A tax credit reduces the amount of income tax you may have to pay
 - American Opportunity Credit
 - Hope Tax Credit
 - Lifetime Learning Tax Credit
- A deduction reduces the amount of your income that is subject to tax, thus generally reducing the amount of tax you may have to pay
 - College Tuition & Fees Deduction
 - Student Loan Interest Deduction
- You should contact a tax advisor or visit www.irs.gov for detailed information on tax credits, deductions or other tax benefits for postsecondary students

Questions/Comments

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