

NOTICE OF INTENT

Form No. BAAC-01

Section 1007.33(5)(d), Florida Statutes (F.S.), and Rule 6A-14.095, Florida Administrative Code (F.A.C.), outline the requirements for Florida College System baccalaureate program proposals. The completed Notice of Intent form, incorporated in Rule 6A-14.095, F.A.C., Site Determined Baccalaureate Access, shall be submitted by the college president to the chancellor of the Florida College System at ChancellorFCS@fldoe.org.

CHECKLIST

The notice of intent requires completion of the following components:

- Program summary
- Program description
- Workforce demand, supply, and unmet need
- Planning process

FLORIDA COLLEGE SYSTEM INSTITUTION INFORMATION

Institution Name:	Miami Dade College (MDC)
Institution President:	Madeline Pumariega

PROGRAM SUMMARY

1.1	Program name.	Dental Hygiene
1.2	Degree type.	<input type="checkbox"/> Bachelor of Science <input checked="" type="checkbox"/> Bachelor of Applied Science
1.3	How will the proposed degree program be delivered? (check all that apply).	<input checked="" type="checkbox"/> Face-to-face (F2F) (Entire degree program delivered via F2F courses only) <input type="checkbox"/> Completely online (Entire degree program delivered via online courses only) <input checked="" type="checkbox"/> Combination of face-to-face/online (Entire degree program delivered via a combination of F2F and online courses)
1.4	Degree Classification of Instructional Program (CIP) code (6-Digit).	51.0699
1.5	Anticipated program implementation date.	08/01/2024
1.6	What are the primary pathways for admission to the program? Check all that apply.	<input type="checkbox"/> Associate in Arts (AA) <input checked="" type="checkbox"/> Associate in Science (AS) <input type="checkbox"/> Associate in Applied Science (AAS) If you selected AS/AAS, please specify the program: Dental Hygiene (AS - 1351060200)
1.7	Is the degree program a STEM focus area?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1.8	List program concentration(s) or track(s) (if applicable).	Not Applicable (N/A)

PROGRAM DESCRIPTION

2.1 This section is the **executive summary** of this notice of intent. We recommend providing an abbreviated program description including but not limited to: the program demand, current supply, and unmet need in the college's service district; primary pathways to program admission; overview of program curriculum; career path and potential employment opportunities; and average starting salary. We encourage approximately 300 words for a sufficient description.

The School of Health Sciences is proposing a new degree of a Bachelor of Applied Science (BAS) in Dental Hygiene (DH). This focuses on comprehensive and advanced theory of the dental hygiene profession. The proposed degree will prepare students to become highly educated dental hygienists who are not only prepared to work in a variety of clinical settings but will also be competent to serve in leadership positions in their chosen profession. Additionally, Miami Dade College is the only public institution of higher education in South Florida and Workforce Region 23 that offers and graduates students in the Dental Hygiene profession.

As with any career, people enter dental hygiene for various reasons. Some are drawn to the hands-on work. Others see dental hygiene as a satisfying career with many options for growth. Most dental hygienists are drawn to a Registered Dental Hygienist (RDH) career because it allows them to make a difference in people's lives. Some may take a research route, focusing on disease prevention. Others may work in advocacy or as educators. The National Center for Health Workforce Analysis report, *National and State-Level Projections of Dentists and Dental Hygienists in the U.S., 2012–2025*, predicts that the demand for dental hygienists will continue to grow, but that demand will not keep up with supply. In 2012, there were 153,600 full-time equivalents (FTEs) in the US. That's projected to increase by 28 percent. Demand is expected to increase by only 10 percent.

While graduates have been eager about advancing their career in Miami-Dade County, students also realize the value of having a degree that allows them to move anywhere when seeking a dental-related position. This program is suited for Associate in Science (AS) students who have graduated from a U.S. Commission on Dental Accreditation (CODA)-accredited institution and licensed as a dental hygienist or a Foreign-Trained Professional in the field of dentistry who have met the admission requirements and are interested in gaining a BAS degree in Dental Hygiene. Through a combination of high-quality teaching and learning experiences, students will have the ability to add to their clinical skills and advance in a variety of professional employment opportunities: education, corporate, marketing, office administration, public health, research, and entrepreneurship.

According to the Florida Department of Economic Opportunity (FLDEO), Statewide employment of Dental Hygienists is projected to grow 15.0% with total job openings of 1,153 (Per Year) and an annual median salary of \$77,194. In addition, employment of Dental Hygienists in Miami-Dade County is projected to grow 13.5% with total job openings of 177 (Per Year) and an annual median salary of \$77,974 through the year 2030 (*See Table 3.1.1*). Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor

force, such as to retire. Demand for dental services is expected to increase as the large baby-boom population ages and as people keep more of their original teeth than in previous generations. Studies linking oral health and general health, along with efforts to expand access to oral hygiene services, should continue to drive demand for preventive dental services, including those performed by hygienists.

WORKFORCE DEMAND, SUPPLY, AND UNMET NEED

3.1 Describe the workforce demand, supply, and unmet need for graduates of the program that incorporates, at a minimum, the shaded information from Sections 3.1.1 to 3.1.4. For proposed programs without a listed Standard Occupational Classification (SOC) linkage, provide a rationale for the identified SOC code(s). If using a SOC that is not on the CIP to SOC crosswalk, please justify why the SOC aligns with the baccalaureate program.

Demand & Supply: According to the Florida Department of Economic Opportunity, employment of Dental Hygienists is projected to grow 13.5 percent, much faster than the average for all occupations. The demand for dental services will increase as the population ages. As the large baby-boom population ages and people keep more of their original teeth than did previous generations, the need to maintain and treat teeth will continue to drive demand for dental care.

Unmet Need: The demand for dental services will increase as the population ages. As the large baby-boom population ages and people keep more of their original teeth than did previous generations, the need to maintain and treat teeth will continue to drive demand for dental care. Studies linking oral health and general health, along with efforts to expand access to oral hygiene services, will continue to drive demand for preventive dental services, including those performed by dental hygienists. The demand for dental hygienists is expected to grow as state laws increasingly allow dental hygienists to work at the top of their scope of practice. In addition, the Bureau of Labor Statistics indicates that Florida and the surrounding metropolitan areas offer high growth and career opportunities for dental hygiene graduates. The American Dental Hygienists' Association (ADHA) has a policy which supports all aspects of formal dental hygiene education, including baccalaureate degree programs. The ADHA also supports baccalaureate programs which prepare graduates for expanded roles in the provision of oral health services, including educational, administrative, research, entrepreneurial, public health, and corporate positions. Graduates of the proposed BAS-DH program will be fully prepared to take on these roles.

DEMAND: FLORIDA DEPARTMENT OF ECONOMIC OPPORTUNITY (DEO) EMPLOYMENT PROJECTIONS

3.1.1 The Excel spreadsheet below is set up with predefined formulas. To activate the spreadsheet, right click within the spreadsheet, go to "Worksheet Object", and then "Open". To exit, save any changes and exit out of the spreadsheet. Alternatively, double click anywhere on the table. To exit the spreadsheet, single click anywhere outside of the table.

CLICK [HERE](#) FOR INSTRUCTIONS FOR COMPLETING THE DEMAND SECTION

Occupation			Number of Jobs				Salary		Education Level	
Name/Title	SOC Code	County/Region	2022	2030	**Level Change	***Total Job Openings	Average Hourly Wage	Annualized Salary	FL	BLS
Dental Hygienists	29-1292	Miami-Dade County (23)	2163	2455	13.50	1,417	37.49	\$ 77,979	A	A
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
								\$ -		
						Total	177	\$ 37.49	\$ 77,979	

*Please replace the "Base Year" and "Projected Year" headers with the years reflected in the projections portal (e.g., Base Year is 2019, Projected Year is 2027).

**Please note that the "Level Change" column in Table 3.1.1 corresponds to the "Percent Growth" employment projections data produced by the DEO.

***Please note that the "Total Job Openings" columns is preset to be divided by 8.

SUPPLY: NATIONAL CENTER FOR EDUCATION STATISTICS, IPEDS

3.1.3 The Excel spreadsheet below is set up with predefined formulas. To activate the spreadsheet, right click within the spreadsheet, go to “Worksheet Object”, and then “Open”. To exit, save any changes and exit out of the spreadsheet. Alternatively, double click anywhere on the table. To exit the spreadsheet, single click anywhere outside of the table.

CLICK [HERE](#) FOR INSTRUCTIONS FOR COMPLETING THE SUPPLY SECTION: If institutions do not have data available for completers in the service district, please report statewide data. You may note these are statewide figures.

Program		Number of Degrees Awarded					
Institution Name	CIP Code	2021	2020	2019	2018	2017	5-year average or average of years available if less than 5-years
Barry University	51.0699	0	0	0	0	0	0
Florida Atlantic University	51.0699	0	0	0	0	0	0
Florida International University	51.0699	0	0	0	0	0	0
Florida Memorial University	51.0699	0	0	0	0	0	0
Nova Southeastern University	51.0699	0	0	0	0	0	0
St. Thomas University	51.0699	0	0	0	0	0	0
University of Miami	51.0699	0	0	0	0	0	0
	Total	0	0	0	0	0	0

*Please replace the “Most Recent Year” through “Prior Year 4” headers with the corresponding years reported.

ESTIMATES OF UNMET NEED

3.1.4 The Excel spreadsheet below is set up with predefined formulas. To activate the spreadsheet, right click within the spreadsheet, go to “Worksheet Object”, and then “Open”. To exit, save any changes and exit out of the spreadsheet. Alternatively, double click anywhere on the table. To exit the spreadsheet, single click anywhere outside of the table.

CLICK [HERE](#) FOR INSTRUCTIONS FOR COMPLETING THE ESTIMATES OF UNMET NEED SECTION: If institutions do not have data available for completers in the service district, please report statewide data. You may note these are statewide figures.

	Demand	Supply		Range of Estimated Unmet Need							
	(A)	(B)	(C)	(A-B)	(A-C)						
	Total Job Openings	Most Recent Year	5-year average or average of years available if less than 5 years	Difference	Difference						
DEO Total	177	0	0	177	177						
BLS Totals	154	0	0	154	154						

3.2 Describe any other evidence of workforce demand and unmet need for graduates as selected by the institution, which may include qualitative or quantitative data and information not reflected in the data presented in Sections 3.1.1 to 3.1.4, such as local economic development initiatives, emerging industries in the area, or evidence of rapid growth.

Using the Florida Department of Economic Opportunity Labor Market Statistics (2022), the projected number of jobs in the dental hygiene field is 1,417 (177 openings per year) from 2022-2030 in Workforce Region 23, Miami-Dade and Monroe Counties. The proposed Miami Dade College BAS-DH degree program (CIP Code 51.0699) is not offered by any State University Systems (SUS) or non-public institution in Region 21 (Palm Beach County), 22 (Broward County), and 23 (Miami-Dade and Monroe Counties). Consequently, there are no graduates to meet Region 23 workforce demands and Miami Dade College (MDC) will be instrumental in providing trained graduates to fill the 331 job openings projected per year through 2030.

3.3 If the education level for the occupation identified by the Florida Department of Economic Opportunity (DEO) or the Bureau of Labor Statistics (BLS) presented in Sections 3.1.1 to 3.1.2 is below or above the level of a baccalaureate degree, provide justification for the inclusion of that occupation in the analysis.

Both the Florida Department of Economic Opportunity (DEO) and the Bureau of Labor Statistics (BLS) identifies the associate degree as the level of education for SOC code 29-1292 (Dental Hygienists). Graduates desiring career growth opportunities will need to obtain a bachelor's degree. A bachelor's degree or higher is typically required for licensed dental hygienists to improve the career prospects in dental fields such as practice management, research, teaching, clinical practice in public or school health programs, or sales. The proposed BAS in Dental Hygiene will prepare graduates for success in their career path.

3.4 Describe the career path and potential employment opportunities for graduates of the program.

The proposed BAS-DH program is designed to prepare students to immediately enter the workforce with occupational titles including but not limited to: Oral Healthcare Consultant, Territory Sales Manager for Clinical Products, Dental Sales Consultant, Professional Education Manager, Dental Hygiene Relations Manager, Dental Sales Representative, Scientific Relations Manager, Dental Practice Specialist, District Sales Manager, Pharmaceutical Account Manager, Dental Hygiene Sales Specialist, Dental/Dental Hygiene School Account Manager, and/or Academic Manager.

PLANNING PROCESS

4.1 Summarize the internal planning process. In timeline format, please describe the steps your institution took in completing the internal review and approval of the baccalaureate program. For example, summarize actions taken by the academic department proposing the degree, any non-academic departments, the college-wide curriculum committee, the college president, the Board of Trustees and any other areas.

Fall 2013

- The School of Health Sciences form the Baccalaureate Dental Hygiene Committee (*comprised of interdisciplinary administrators worked with Miami Dade College faculty and local industry members to assess the need for a workforce in the field of dental hygiene*) and begun meeting regularly to discuss plans towards the creation of a baccalaureate degree in Dental Hygiene.
- The committee conducted student and industry surveys, examined national, state, and local workforce data; and analyzed the region's academic dental hygiene degree-completion programs.
- Faculty utilized knowledge, skills, and abilities evaluated and prioritized by the Baccalaureate Dental Hygiene Committee to develop curriculum.

Fall 2016 - Fall 2017

- Pursuit of the baccalaureate dental hygiene degree was shelved due to the Florida Legislature sunsetting all baccalaureate degree development.

Summer 2020

- Faculty met and mapped out which courses they wanted to include in the proposed BAS-DH program

Fall 2021

- Faculty met with the Office of Academic Programs (OAP) for training and resources in curriculum development (*Program and Courses*) and entry in the Curriculum Management System (CMS).
- Baccalaureate Dental Hygiene Committee met to discuss course user fee information in support of student learning.

Summer 2022 - Fall 2022

- Baccalaureate Dental Hygiene Committee met regularly to continue discussion and work towards the creation of a baccalaureate degree in Dental Hygiene.
- Baccalaureate Dental Hygiene Committee met to prioritize course offerings and identify sequencing for the baccalaureate degree in Dental Hygiene.
- Baccalaureate Dental Hygiene Committee met to review upper division courses and ensure competencies/learning outcomes are mapped to prioritized dental hygiene and services knowledge, skills and abilities.
- Baccalaureate Dental Hygiene Committee met to finalize the pathway and lower division course work that leads to the baccalaureate in Dental Hygiene.

Spring 2023

- Baccalaureate Dental Hygiene Committee met regularly to review and discuss Dental Hygiene baccalaureate degree curriculum.
- Baccalaureate Dental Hygiene Committee met to finalize draft curriculum in preparation for a meeting with the Dental Hygiene Advisory Committee.
- Baccalaureate Dental Hygiene Committee met with OAP to discuss the Notice of Intent (NOI) process and Baccalaureate Degree Application development process.
- Submitted Notice of Intent through the Curriculum Approval Process.

4.2 Summarize the external planning process with the business and industry community. In timeline format, please describe your institution's interactions and engagements with external stakeholders, including but not limited to industry advisory boards meetings, discussions with advisory committees, briefings from local businesses, consultations with employers, and conducting paper and online surveys.

Summer 2022

- Letters of support were requested from local dental practices.
- July 2022: Received Letters of Support from Industry Partners Miami Healthy Smiles, Gallardo Dentistry, ABADIN Dental, Allen Dental.
- August 2022: Received Letter of Support from Industry Partner Florida Keys Dental

December 12, 2022

- Dr. Michaela Tomova, Vice Provost for Academic Affairs at Miami Dade College, submitted the APPRiSe notification.

January 2023

- Letters of support were requested from local dental hygienists, dental businesses and community organizations.
- January 2023: Received Letters of Support from Certified Registered Dental Hygienists (CRDH) Melissa Manduly, Jacqueline Podboy-Navarro, Ashley Miranda.

February 2023

- February 24, 2023: Received Letter of Support from Florida Memorial University
- February 26, 2023: Received Letter of Support from Florida Atlantic University

4.3 List external engagement activities with public and nonpublic postsecondary institutions. This list shall include meetings and other forms of communication among external postsecondary institutions regarding evidence of need, demand, and economic impact.

4.3.1 Public Universities in College's Service District

Date(s): February 17, 2023

Institution(s): Florida International University (FIU)

Activity Descriptions and Outcomes:

Dr. Alwyn Leiba, Dean for the School of Health Sciences at Miami Dade College (MDC) contacted the Dean of Nicole Wertheim College of Nursing & Health Sciences at FIU to notify them of MDC's intent to submit a proposal for a baccalaureate degree in Dental Hygiene.

4.3.2 Regionally Accredited Institutions in College's Service District

Date(s): February 17, 2023

Institution(s): Barry University

Activity Descriptions and Outcomes:

Dr. Alwyn Leiba, Dean for the School of Health Sciences at Miami Dade College (MDC) contacted the Dean of Barry University's college of Nursing & Health Sciences to notify them of MDC's intent to submit a proposal for a baccalaureate degree in Dental Hygiene.

4.3.3 Institutions outside of College's Service District (If applicable)

Date(s): February 17, 2023

Institution(s): Florida Atlantic University

Activity Descriptions and Outcomes:

Dr. Alwyn Leiba, Dean for the School of Health Sciences at Miami Dade College (MDC) contacted the Dean of Florida Atlantic University Charles E. Schmidt College of Science college to notify them of MDC's intent to submit a proposal for a baccalaureate degree in Dental Hygiene.

4.3 List external engagement activities with public and nonpublic postsecondary institutions. This list shall include meetings and other forms of communication among external postsecondary institutions regarding evidence of need, demand, and economic impact.

4.3.1 Public Universities in College's Service District

Date(s): February 17, 2023

Institution(s): St. Thomas University

Activity Descriptions and Outcomes:

Dr. Alwyn Leiba, Dean for the School of Health Sciences at Miami Dade College (MDC) contacted the Associate Vice President of Student Affairs to notify them of MDC's intent to submit a proposal for a baccalaureate degree in Dental Hygiene.

4.3.2 Regionally Accredited Institutions in College's Service District

Date(s): February 17, 2023

Institution(s): University of Miami

Activity Descriptions and Outcomes:

Dr. Alwyn Leiba, Dean for the School of Health Sciences at Miami Dade College (MDC) contacted the Dean of University of Miami School of Nursing & Health Sciences to notify them of MDC's intent to submit a proposal for a baccalaureate degree in Dental Hygiene.

4.3.3 Institutions outside of College's Service District (If applicable)

Date(s): February 17, 2023

Institution(s): Florida Memorial University

Activity Descriptions and Outcomes:

Dr. Alwyn Leiba, Dean for the School of Health Sciences at Miami Dade College (MDC) contacted the Dean of Florida Memorial University School of Arts & Sciences to notify them of MDC's intent to submit a proposal for a baccalaureate degree in Dental Hygiene.