

# Higher Education Projects

ALSC Architects



**also**  
**architects**

We bring  
our clients'  
**stories**  
to life.™



Architecture for colleges and universities encompass much more than designing “halls of learning”. Forward-thinking design for higher education facilities must stimulate learning, heighten collaboration, build community and embody the unique values and culture of each campus. ALSC designs collegiate environments that encourage academic and social development.

Our experience in higher education facility planning and design includes projects for Gonzaga University, Eastern Washington University, Washington State University, Walla Walla Community College, Whitworth University, Community Colleges of Spokane, North Idaho College and the University of Idaho.

ALSC was founded in 1948. We are a firm with a long history and a bright future. We offer to a combination of strong professional experience and a commitment to fresh, creative approaches for project planning and design. From our staff of 30 architects, interior designers, cost estimators, construction administration specialists, administrative and technical personnel we have the ability to respond to your scheduling needs.

*“ALSC worked with our diverse set of players in a spirit of collaboration and cooperation to understand our vision and turn that vision into architecture that serves us well.”*

Jim Peterson  
VP of Administrative Services  
Walla Walla Community College

# ALSC Architects | Design Philosophy



ALSC's design philosophy is a reflection of our core values as a professional design firm:

- **Success is Measured on Your Terms:** At ALSC, we create architecture that is an authentic expression of our clients.
- **Collaboration:** We believe that the best solutions are generated from a collaborative process that engages and benefits from the collective talents and expertise of the entire team which includes the client and all stakeholders.
- **Clear, Open Communication:** Our approach focuses on removing communication barriers and listening, watching and gathering information. Careful processing of that information leads to an understanding of the true essence of the project and the identification of Guiding Principles (goals, needs, priorities and vision). We will clearly document needs, goals and decisions so there is clarity among all team members regarding expectations.
- **Building Consensus:** Our process will build consensus among stakeholders as Guiding Principles are established for your project. The Guiding Principles will be the foundation of the design of your project. They will be used to evaluate all design options and decisions and will be the measuring stick for the final result.
- **Leadership:** We will provide leadership and expertise to ensure that the design and construction of your project exceed expectations!

Our approach produces unique and imaginative architecture that is highly functional, cost effective and maintainable.

*“ALSC was outstanding to work with on our Residence Hall project. Their organization, professionalism, and willingness to go back to the drawing board resulted in a great facility for our students!”*

Josh Ashcroft  
Chief Housing Officer  
Housing and Residential Life  
Eastern Washington University

**87%** of our  
work is with  
repeat clients

# ALSC Architects | Higher Education Projects

ALSC's expertise in higher education facility planning and design benefits higher education clients as we continue to enhance our understanding of current building, construction and environmental issues and trends. This experience has been successfully applied to projects for colleges and universities throughout the region including the following select list completed within the past 10 years; expanded descriptions and photos are included on the following pages for several of these projects.

Client / Project	Pre-Design/ Master Plan	Remodel/ Addition	New	Sq. Ft.	Construction Cost	Year
<b>EASTERN WASHINGTON UNIVERSITY</b>						
• Biology Greenhouse Replacement			X	1,980	500,000	2015
• Campus Recycling Center			X	5,000	\$1,500,000	2014
• Snyamncut Residence Hall			X	104,365	\$15,875,000	2013
• Library Learning Center		X		12,550	\$130,000	2013
• Industrial Area Storage Building			X	8,080	\$640,332	2012
• Senior Hall		X		48,400	\$9,500,000	2006
• Track Relocation Master Plan	X					2013
• Pavilion Concept Study	X					2013
• Athletics Master Plan Update	X					2013
• Campus Master Plan Update	X					2010
• Athletics Master Plan	X					2009
<b>GONZAGA UNIVERSITY</b>						
• Golf/Tennis Facility			X	72,000	\$6,000,000	2014
• Boone Avenue Retail Center			X	250,000	\$14,000,000	2013
• Kennedy Apartments			X	226,377	\$28,500,000	2009
• PACCAR Center for Applied Science		X		28,625	\$5,850,000	2008
• Gonzaga Soccer Stadium			X	N/A	\$8,000,000	2008
• Patterson Baseball Complex			X	N/A	\$8,650,000	2006
• Hughes Science Center		X		76,000	\$11,912,000	2004
• McCarthy Athletic Center			X	148,500	\$25,000,000	2004
<b>UNIVERSITY OF IDAHO</b>						
• Lionel Hampton School of Music Recital Hall		X		3,163	\$960,000	2010
• Moot Courtroom Remodel, School of Law		X		5,300 sf	\$725,000	2008
• Engineering Physics Lecture Hall Remodel	X					2013
• Lionel Hampton School of Music Master Plan	X					2009
• Art & Architecture Building Feasibility Study	X					2009
• Hartung Theater Feasibility Study	X					2009
• Sandpoint Campus Master Plan	X					2007
<b>WALLA WALLA COMMUNITY COLLEGE</b>						
• Water & Environmental Center, Phase 2			X	43,825	\$23,000,000	2015
• Water & Environmental Center, Phase 1			X	84,192	\$41,500,000	2014
• Walla Walla Campus Master Plan		X		4,720	\$145,000	2014
• Clarkston Campus Master Plan		X		4,720	\$145,000	2014
<b>WASHINGTON STATE UNIVERSITY</b>						
• Wine Science Center, Tri-Cities Campus			X	43,825	\$23,000,000	2015
• Cougar Football Complex			X	84,192	\$41,500,000	2014
• WSU Spokane Connections		X		4,720	\$145,000	2014
• Martin Stadium South Side Expansion		X		93,780	\$45,000,000	2013
• Prosser Greenhouse			X	2,100	\$250,000	2011
• Washington Building Renovation		X		7,118	\$1,475,000	2009
• Hollingbery Annex Redevelopment	X					2015
• Bailey-Brayton Baseball Field	X					2011
• Soccer Stadium Master Plan	X					2008
<b>WHITWORTH UNIVERSITY</b>						
• Event Center Pre-Design	X					2014
<b>NORTH IDAHO COLLEGE</b>						
• Student Recreation Center Pre-Design	X					2015

# Snyamncut Residence Hall

Eastern Washington University | Cheney, WA



This New Residence Hall was sited to maximize natural sunlight into the southeast facing courtyard, to create a sense of place, and to be welcoming to residents of the building, neighboring residence halls and the campus community.

The Ground Floor of the new 5-story building is devoted to public functions. Providing a transition between interior commons and the exterior courtyard, a highlight of the Residence Hall is a continuous south facing front porch. Floors 2-5 are student living floors; providing for a total of 354 beds including traditional doubles, triples and singles.



The Residence Hall incorporates extensive use of natural daylight that penetrates into the corridors of the building. Windows are placed strategically to further the feeling of openness and views to the exterior. The project is LEED Silver certified.

Douglas Hyde Design served as ALSC's housing design consultant for the project.

# Senior Hall

Eastern Washington University | Cheney, WA



Senior Hall is an historic building that was converted from a residence hall to house the School of Social Work and Human Services. This project consisted of doubling the size of the existing structure through a significant expansion of classrooms and support space and renovation of the existing building including complete infrastructure replacement.

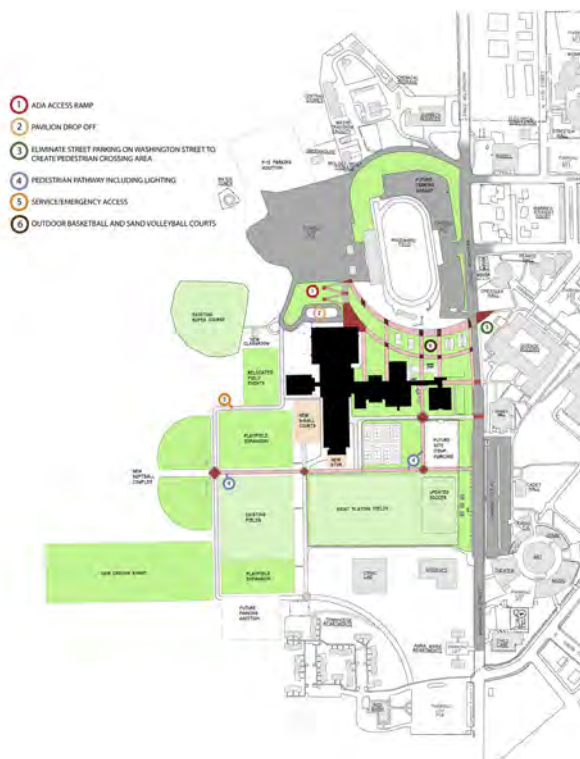
The expansion occurs primarily within an existing U-shaped courtyard. The addition is intentionally pulled back from the existing structure to create a mixing chamber between the new construction and the original building. The atrium leverages natural daylight deep into the former courtyard and maintains the integrity of the central commons.

Care was taken to respect, but not replicate, the existing fenestration and to create a unified design that integrates old and new construction while distinguishing between the two.



# Athletics Master Plan

Eastern Washington University | Cheney, WA



ALSC Architects led a team of department heads, user groups and facility advocates to create a master plan for the Phases Complex, associated play fields and athletic venues on the site to the west of Washington Street on the Campus of Eastern Washington University. The Phases were built in the 1970's to house Department of Health, Physical Education, Recreation and Athletics and since that time have had only minor remodeling.

After a series of group sessions with the users and stakeholders and individual meetings with department representatives, the master plan goals and objectives were identified and a program of uses and spaces was arrived at along with general requirements specific to the Campus and Complex and each of the departments or user groups.

Total cost for all elements of the master plan amounts to \$36.2 million; an option to completely rebuild the Aquatics facility with a new 50 meter pool adds another \$20.6 million to the project total.



# Events Pavilion Concept Study

Eastern Washington University | Cheney, WA



ALSC was retained by EWU to develop a concept study for improvements to the EWU Special Events Pavilion. This study focused on the following:

- Update the building's exterior to enhance the University image and game day experience.
- Incorporate a ticket booth on the north side of the building or along the pedestrian pathway leading to it.
- Improvements to walkway lighting along the primary pedestrian ways leading to the building consistent with the recent exterior lighting improvements elsewhere on campus.
- Improvements to the walkway connecting lot P-12 to the north entrance of the building with emphasis on ADA accessibility.
- Increase the electrical power capacity of the existing service to the building.

# Boone Avenue Retail Center

Gonzaga University | Spokane, WA



This new \$14 million, four-level building provides 650 parking spaces and ground-level dining and retail space for Gonzaga University students as well as area residents.

The new building is located on Hamilton Street on the eastern edge of the Gonzaga campus. The 250,000-square-foot facility is the new home for Gonzaga University's campus bookstore and several retail businesses. It is also being used as an interim dining hall for students while the Gonzaga University Center is under construction.



# PACCAR Center for Applied Science

Gonzaga University | Spokane, WA



The PACCAR Center for Applied Science was designed to provide additional classrooms, offices and computer labs, addressing growth and expansion within engineering programs and an overall campus population expansion.

The 28,625 square foot, three-level addition occupies the center of the site, anticipating future expansions to the east and west.

A vital part of the building's mission is to honor Green Building Practices and the project has received LEED Gold Certification. The building was designed as a demonstration site for engineering principles that promote energy conservation and sustainability in design and construction practices. Strategies include management of natural daylight and solar gain along with employing systems that make efficient use of resources and the integration of renewable, recyclable materials.

# Kennedy Apartments

Gonzaga University | Spokane, WA



This student housing complex provides housing for upper level students with an independent lifestyle. Each of the 421 student residents has the luxury of a private bedroom along with a kitchen, living room, and bathroom shared with a maximum of three suite-mates, while still maintaining proximity to campus.

Double height common lounges are stacked to form a node of social activity in a distinct tower element, acting as a lantern when illuminated at night. This common area solution breaks the mold of traditional, horizontally tiered dormitories by establishing a vertical association between floors and strengthening the sense of community among the residents. Conversely, intimately scaled “quiet” lounges conducive to studying and small group meetings are located at the opposite corner.



Parking is provided at street level, but is hidden by the buildings to enhance the pedestrian environment. A fifth level sundeck overlooks downtown Spokane and the spiritual center of campus, St. Aloysius.

# Hughes Science Center

Gonzaga University | Spokane, WA



This major expansion and renovation of The Hughes Hall Science Center at Gonzaga University was undertaken to support growth of programs in chemistry and biology, facilitate expansion of research and teaching activities, and boost research and career opportunities for students and faculty.

With its specialty teaching labs, classrooms, seminar rooms, computer labs and support spaces for chemistry and biology programs, the finished project results in a unified design solution that integrates new and existing construction in both interior and exterior designs. The redeveloped Hughes Hall creates a Center for the Sciences reflective of the importance of these programs to Gonzaga University.

A phased plan was followed to allow the facility to remain in use throughout the construction period. Construction of a 30,000 square foot addition was completed first, followed by renovation within the original building.



# McCarthy Athletic Center

Gonzaga University | Spokane, WA



The McCarthy Athletic Center is the new home for the Gonzaga University Bulldogs basketball games. The 6,000 seat Arena was completed within a 20-month period using a design-build process. The design and construction responded to tight budget parameters and resulted in a spectacular, state-of-the-art athletic center.

To replicate the standing-room-only feeling of the former “Kennel”, McCarthy was designed with steep seating risers, making every seat feel closer to the basketball floor than with normally tiered seating. A comprehensive media infrastructure accommodates broadcasts from the facility.

*“This place is unbelievable, this is absolutely the nicest venue to play college basketball in the United States right now.”*

Mark Few  
Men’s Basketball Coach  
Gonzaga University

# Patterson Baseball Complex

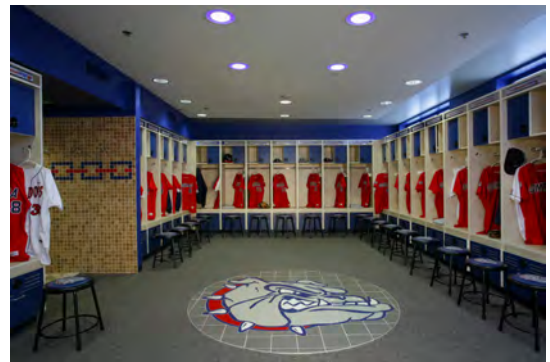
Gonzaga University | Spokane, WA



Patterson Baseball Complex and Washington Trust Field is the home of Gonzaga University's baseball program. Spectators are greeted at an entry plaza which is axially aligned with the entry to the nearby McCarthy Athletic Center, anchoring the athletic complex at the campus interface with the Spokane community.

A variety of seating options are offered including open club spaces, roof covered theater style seating and family friendly grass berm areas. A large ground level concourse connects seating areas to spectator services including concessions and restrooms. The open public space lends itself to pre- and post-game functions and is a multipurpose venue for the greater campus community.

A carefully detailed mix of precast concrete and masonry makes the facility a good neighbor for the adjacent School of Law, reinforcing an architectural theme that defines Gonzaga University Athletics.



# Moot Courtroom Remodel

University of Idaho | Moscow, ID



This project involved renovation of the Moot Courtroom facility located within the Menard Law Building at the University of Idaho.

The Courtroom was updated with current technology including providing an electronic link between Lecture Classroom 104 and the Moot Courtroom.

Adjacent spaces were remodeled to address handicap accessibility, exiting and back of house spaces for judges' preparation.



# Hartung Theater

University of Idaho | Moscow, ID



This Feasibility/Pre-Design Study assessed Hartung Theater with a primary focus on the theater equipment, furnishings, seating and patron circulation within the auditorium. A secondary focus was the lobby space and its ability to handle 250 patrons during pre-functions, intermission and receptions. The following is a prioritized list of improvements:

- Auditorium equipment including new seats, stage curtains and upgrades to stage light fixtures.
- Finish upgrades and new house lights.
- An upgrade to the fire separation between the scene shop and stage.
- Expanded lobby for 250 patrons.
- Remodel concessions, box office and mezzanine access.
- Elevator access for backstage shop and storage spaces.



# Lionel Hampton School of Music

University of Idaho | Moscow, ID



As Phase I of the planned Lionel Hampton School of Music renovation and expansion project, this work included renovation and acoustical upgrades to the Lionel Hampton School of Music Recital Hall, renamed the Haddock Performance Hall

The 3,100 square foot Haddock Performance Hall received a complete overhaul to the electrical and mechanical systems. The completion of this landmark project transformed a 1950's era concert hall into a modern venue for teaching and performance.

Home to hundreds of classes, recitals, concerts and other performances each year, the renovation includes enhancements to improve acoustics, new lighting to better illuminate performances, a quiet, energy efficient heating and cooling system, and updated floor and wall treatments.



# Lionel Hampton School of Music

University of Idaho | Moscow, ID



ALSC completed design and a 35% set of construction documents for Phase 2 of the Lionel Hampton School of Music Building project. The planned scope of work involves construction of a 40,000 square foot addition and renovation of 35,000 square foot of space within the existing building.

The expanded building was designed to be reorganized around an efficient and simple plan which maintains the integrity of the existing building while reflecting the familial culture of the School of Music. The addition features a continuous or “donut” circulation system on all floors and is organized around a new two-story social atrium space on the Performance Hall level. The atrium allows natural light to enter the building’s core and provides opportunities to locate classrooms and faculty offices on the interior. Vertical circulation is strategically located at each end of the atrium, balancing accessibility and “way finding” within the entire building.

A fundraising campaign is now underway to secure the necessary funds for construction of the Phase 2 project.

# Water & Environmental Center, Ph. 2

Walla Walla Community College | Walla Walla, WA



This project involved an addition to the original William A. Grant Water & Environmental Center, also designed by ALSC Architects. The Phase 2 expansion provides additional teaching space to support research for restoring the Walla Walla watershed fishery, environmental education and water conservation practices.

The Phase 2 addition provides comfortable, pleasant spaces where researchers and water managers can extend chance meetings into meaningful collaboration. Circulation is externally focused and spaces utilize natural daylight to de-institutionalize the facility and to provide a connection to nature. In the new gallery visitors and students can observe wet lab fish tanks, study a map of the Walla Walla watershed and view information on current research.

The facility is LEED Gold certified. Sustainable features include reduced water use, energy savings, photovoltaics and natural daylighting.



# Water & Environmental Center, Ph. 1

Walla Walla Community College | Walla Walla, WA



The mission of the William A. Grant Water & Environmental Center is to facilitate collaboration, innovation and serve as a watershed information resource for the region. ALSC worked closely with the College and the Walla Walla Watershed Alliance to develop a building program and design that fulfills this ambitious mission.

The Center features an expandable office cluster along with five collaboration rooms of various sizes. The heart of the building is the circular collaboration hall. The collaboration hall is the symbol of the purpose of the Center and is prominently placed within the lobby/learning center.



The building is LEED Silver Certified. Sustainable features featured in the design include minimum site disturbance, reduced water usage, reduced construction waste, improved indoor air quality, natural daylighting and reduced energy consumption.

# Campus Master Plan

Walla Walla Community College | Walla Walla, WA



ALSC provided assistance to Walla Walla Community College for preparation of a Campus Master Plan and State of Washington Project Request Report. The Master Plan and Project Request were prepared to meet the requirements and guidelines of the Washington State Board of Community and Technical Requirements.

The master plan identifies and promotes a direction for future development intended to attract new students and faculty, foster new educational opportunities and collaborative partnerships, and promote growth for Walla Walla Community College.

During the master planning process, several guiding principles emerged to influence the final plan. As these were evaluated, goals for each campus were developed to guide decisions about future growth, campus character and environmental leadership.

# Business Development Center

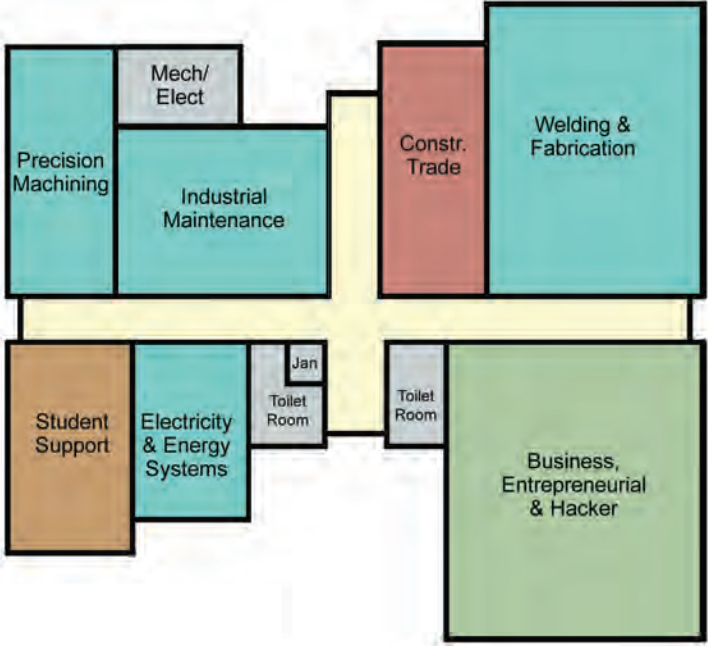
Walla Walla Community College | Clarkston, WA



ALSC assisted with preparation of a Grant Application to the Economic Development Administration for this proposed new 14,125 square foot Workforce and Business Development Center.

Located at the Walla Walla Community College Campus in Clarkston, the facility is planned to include a business and entrepreneurial center, student support services, precisioning machining shop, industrial maintenance shop, welding and fabrication and construction trades classroom.

Estimated construction cost for the project is \$5,385,000.



# WSU Wine Science Center

Washington State University | Richland, WA



This new \$23 million research and teaching facility is located at Washington State University' Tri-Cities campus in Richland.

The 39,300 square foot facility is designed to LEED Silver environmental standards. The facility includes a research and teaching winery, state-of-the-art research laboratories, classrooms, conference rooms and a regional and international wine library. A dramatic central lobby provides views of the research winery floor and outdoors toward the Columbia River.

The research and teaching conducted in the center will be specific to the challenges and opportunities faced by grape growers and wine makers in the Pacific Northwest. Washington's grape and wine industry aims to triple its annual economic impact from \$8.6 billion to \$25.8 billion by 2020.





# Cougar Football Complex

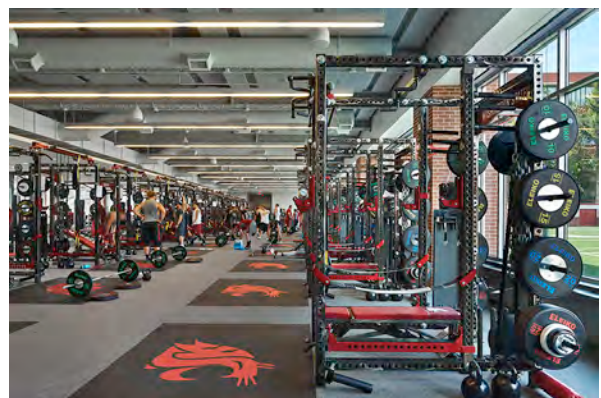
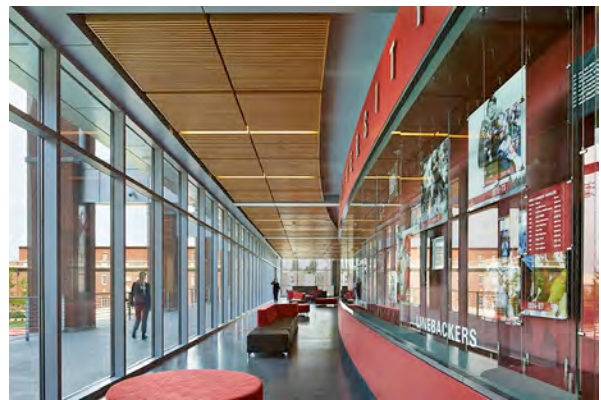
Washington State University | Pullman, WA



The Cougar Football Complex provides a new home and identity for Cougar Football at Washington State University. The state-of-the-art facility pays tribute to legendary athletes from the past, supports athletes striving for greatness today and will attract star athletes of the future.

The desire to preserve campus circulation patterns and sight lines from adjacent seating in Martin Stadium led to a 5-story layout. The 88,880 square foot building is arranged as follows:

- Locker rooms are located on the first floor, along with equipment storage, laundry, interview and study spaces.
- The second floor includes an 11,000 square foot weight room, nutrition bar and coaches' offices.
- The third floor connects to Compton Union Building through an elevated walkway. It includes The Cougar Football Hall of Fame, trophy room and memorabilia center.
- The fourth floor features a dining hall, meeting rooms and a 160-seat auditorium.
- On the top level are conference rooms and offices for coaches and staff.



# Martin Stadium Expansion

Washington State University | Pullman, WA



This project involved the expansion and renovation of the south side of Martin Stadium. The existing press box and suite seating were demolished and replaced with enhanced premium seating and a new press box facility. The press box includes space to accommodate media, television, radio and stadium operations.

The premium seating area includes more than 1,200 club seats, 42 loge boxes and 21 luxury suites as well as an exclusive 10,000 square foot Club Room with upscale food and beverage options.

AECOM served as consulting architect for the project.



# Bailey-Brayton Baseball Field

Washington State University | Pullman, WA



ALSC provided pre-design services for the proposed Bailey-Brayton Field Clubhouse Addition project. Our scope of work included interviews with stakeholders, preliminary programming and budgeting studies, building site option studies, conceptual site planning and initial conceptual building design for the proposed 15,000 square foot, 2-story facility.

The project is envisioned to include a new baseball Hall-of-Fame, locker rooms, umpire support spaces, and equipment storage on the ground floor. The main entrance is located immediately adjacent to the existing spectator entry. The potential also exists for a direct connection from the home team lockers to the 3rd base line dugout. The second floor will feature a large assembly/club space overlooking both the baseball field and the Hall of Fame below. Other second floor spaces include offices, kitchen, support spaces and the opportunity for future premium suites facing the field.



# Event Center

Whitworth University | Spokane, WA



ALSC provided pre-design services for this proposed new Event Center for Whitworth University. Our involvement included the following:

- Initial visioning sessions and fundamental programming discussions to establish a conceptual building program and budget target.
- Established guiding principles and goals for the facility design.
- Studied other similar facilities including a tour of McCarthy Athletic Center at Gonzaga University.
- Confirmed facility users, uses and facility attributes needed to support those uses.
- Reviewed site and Master Plan influences.
- Developed building configuration options including site plans, organizational diagrams, and conceptual building sections/massing.
- Developed promotional materials for selected option to support fundraising efforts.



# Student Recreation Center

North Idaho College | Coeur d'Alene, ID



North Idaho College

ALSC ARCHITECTS

## Student Recreation Center

### Possible Amenities and Activities:

- Rock Climbing Wall
- Jogging Track
- Fitness
- Free Weights
- Weight Machines
- Cardio Machines
- Basketball & Volleyball Courts
- Locker Rooms
- Equipment Check-Out
- Outdoor Recreation/Resource Center
- Administration Offices
- Core Support & Circulation Spaces
- Available for P.E. Classes
- Student Employment



### Does NIC need a Student Recreation Center?

Survey Available: [www.nic.edu/ASNIC](http://www.nic.edu/ASNIC)



*Siting Considerations & Building Massing Studies*

ALSC was responsible for pre-design services for a proposed new Student Recreation Center at North Idaho College.

Our efforts included confirmation of program spaces and assignable square footages to be included in the proposed facility. An estimated construction cost was also developed based on a 29,000 square foot facility.

ALSC also assisted the University with preparation of supporting documents for a student survey (see graphic above).